Undergraduate Catalog 2025-2026

UNIVERSITY

OF

WEST GEORGIA

The University System of Georgia

www.westga.edu

Undergraduate Issue 2025 - 2026

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 UWG email account (e.g. jdoe1@my.westga.edu). 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 email 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 their email.

Inquiries concerning requests for application forms and other material should be addressed to Office of Undergraduate 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 themselves apprised of current graduation requirements for a degree program in which they are enrolled.

In the event that an administrative hearing officer or a court of record determines that "publications" issued by the University 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 University in furtherance of its educational mission.

Compliance

The 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 them 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, and the General Index. 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.

Colleges & Schools

The chapter titled Degree Programs organizes information on programs within each of the seven major academic divisions of the University: the College of Education; the College of Humanities, Arts, and Social Sciences; the James 'Earl' Perry College of Mathematics, Computing, and Sciences; the Richards College of Business; the School of Communication, Film, and Media; the Tanner Health School of Nursing; and the University College. 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.

Programs

All academic programs of study are listed in the Programs of Study section of this catalog.

Courses

A complete list of courses can be located in the Course Descriptions section of this catalog.

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Glossary

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 that 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 that 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 for specific dates.)

eCore - eCore stands for 'electronic core.' These are fully online core courses that are part of a statewide 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.

eMajor - UWG eMajor degrees are offered fully online with functional support provided by University System of Georgia (USG) eCampus. UWG eMajor programs include the Bachelor of Science in Organizational Leadership, Bachelor of Science in Criminal Justice, in addition to Financial Technology (FinTech) courses. See https://uwgonline.westga.edu/uwg-emajor.php

Embedded Certificates - Embedded certificates are those certificates where the courses required to earn the certificate are embedded into a major or degree program and are only awarded at the completion of a specific degree program. These certificates are intended to encourage students to use the elective requirements in their degree program to form a coherent concentration of coursework in a specified area.

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 GPAs are not the same. In fact, there are several different uses and methods for calculating GPA. Below are listed some of the most common.

> **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.
>
> **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.
>
> **Honors Graduation GPA** - The Overall GPA or Institutional 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.
>
> **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.
>
> **Transfer GPA** - The calculation of all successfully completed transfer courses determined to be transferable from all previously attended post-secondary institutions.

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 that does not have to be repaid, usually based on need.

High School Dual/Joint Enrollment Program - A program that 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" is 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 that 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.

Nexus Degree -

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.) that 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.

President's List - An announcement at the end of each semester listing students who have achieved a 4.0 grade point average.

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 Armed Forces.

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

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 institutional grade point average in the first 40-60 academic hours of credit at West Georgia is eligible to apply for the program. A student seeking Select Student status must be recommended by their 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. Contact the Honors College for additional information.

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.

Stand-Alone Certificates - Stand-alone certificates are those certificates that comprise a prescribed program of study that may or may not be associated with a degree, major or minor. These certificates represent a cohesive program of study of a smaller size than a degree program and provide more flexibility to those looking to pursue continued education, including a means for professionals to renew and retrain due to an ever-changing workforce.

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).

Transferable Course - A course that has a direct UWG course equivalent or elective as determined by the department and has a grade of "D" or higher, with the exception of ENGL 1101 and 1102, which require a grade of "C" or higher.

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 - Students wishing to complete classes at another college or university to count towards their degree at West Georgia must maintain good academic standing at UWG and hold active student status at UWG for the transient term. Permission must be obtained from the Dean of their major school.

University Calendar

UNIVERSITY OF WEST GEORGIA

2025-2026

Calendar

FALL SEMESTER, 2025	
August 13	Classes begin
August 30	No Saturday classes
September 1	Labor Day Holiday (no classes, offices closed)
October 2-3	Fall Break (no classes, offices closed)
October 4	No Saturday classes
November 24-28	Thanksgiving break (no classes, offices closed Nov 28th-29th)
November 29	No Saturday classes
December 5	Fall classes end
December 6-12	Final exams
December 12	Fall Graduation - Friday Comencement Ceremony (time and details to be announced)
December 13	Fall Graduation - Saturday Commencemt Ceremony (time and details to be announced)
December 15	Grades due by 12:00 (noon)

SPRING SEMESTER, 2026	
January 10	Classes begin
January 17	No Saturday classes
January 19	Martin Luther King Holiday (no classes, offices closed)
March 16-20	Spring break (no classes, offices open)

March 21	No Saturday classes
May 4	Spring classes end
May 6-12	Final exams
May 15	Spring Graduation - Friday Commencement Ceremony (time and details to be announced)
May 16	Spring Graduation - Saturday Commencement Ceremony (time and details to be announced)
May 18	Grades due by 12:00 (noon)

SUMMER SEMESTER, 2026	
SESSION I (11 days)	
May 13	Session I classes begin
May 13	Drop/Add ends at 11:59pm
May 25	Memorial Day Holiday (no classes, offices closed)
May 28	Session I classes end
May 29	Final Exams
July 27	Grades due by 12:00 (noon)
SESSION II (31 days)	
June 1	Session II classes begin
June 1-2	Drop/Add ends at 11:59pm
June 19	Juneteenth Holiday (no classes, offices closed)
July 3	Independence Day Holiday (no classes, offices closed)
July 15	Session II classes end
July 16-17	Final exams
July 27	Grades due by 12:00 (noon)

SESSION III (17 days)	
June 1	Session III classes begin
June 1	Drop/Add ends at 11:59pm
June 19	Juneteenth Holiday (no classes, offices closed)
June 24	Session III classes end
June 25	Final exams
July 27	Grades due by 12:00 (noon)
SESSION IV (17 days)	
June 29	Session IV classes begin
June 29	Drop/Add ends at 11:59pm
July 3	Independence Day Holiday (no classes, offices closed)
July 22	Session IV classes end
July 23	Final Exams
July 27	Grades due by 12:00 (noon)

Calendar subject to change

The University System of Georgia

The University System of Georgia's Board of Regents was created in 1931 as a part of a reorganization of Georgia's state government. With this act, public higher education in Georgia was unified for the first time under a single governing and management authority. The governor appoints members to the Board, who each serve seven years. Today the Board of Regents is composed of 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 26 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

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

- 2013-2018 Strategic Plan and Public Agenda: www.usg.edu/strategicplan
- Profiles of the members of the Board: www.usg.edu/regents/members
- Profiles of the 26 USG institutions: www.usg.edu/inst

Vision and Mission Statements for University System of Georgia

"The University System of Georgia will create a more educated Georgia, well prepared for a global, technological society, by providing first-rate undergraduate and graduate education, leading-edge research, and committed public service."

The mission of the University System of Georgia is to contribute to the educational, cultural, economic, and social advancement of Georgia by providing excellent undergraduate general education and first-rate programs leading to associate, baccalaureate, masters, professional, and doctorate degrees; by pursuing leading-edge basic and applied research, scholarly inquiry, and creative endeavors; and by bringing these intellectual resources, and those of the public libraries, to bear on the economic development of the State and the continuing education of its citizens.

Each institution in the University System of Georgia will be characterized by:

- A supportive campus climate, leadership and development opportunities, and necessary services and facilities to meet the needs of students, faculty, and staff;
- Cultural, ethnic, racial, and gender diversity in the faculty, staff, and student body, supported by practices and programs that embody the ideals of an open, democratic, and global society;
- Technology to advance educational purposes, including instructional technology, student support services, and distance education; and
- A commitment to sharing physical, human, information, and other resources in collaboration with other System institutions, the public libraries, state agencies, local schools, and technical colleges to expand and enhance programs and services available to the citizens of Georgia.

University of West Georgia

Officers of General Administration

Christopher "Mike" Johnson, B.A., M.A., Ph.D.	*President*
Jon A. Preston, B.S., M.S., Ph.D.	*Provost and Senior Vice President for Academic Affairs*
Scott McElroy, B.B.A.	*Vice President for Business and Financial Services and Chief Business Officer*
Andre′ L. Fortune, B.A., M.S., Ph.D.	*Vice President for Student Affairs*
Allyson Bretch, B.A., M.Ed.	*Interim Vice President for University Advancement and Chief Executive Officer of the UWG Foundations*
Shanna Widener, B.A., M.S., Ph.D.	*Interim Vice President for Strategic Enrollment Management*

Academic Officers

Mike L. Dishman, B.A., J.D., Ed.D.	*Dean of the College of Education and Professor of Education Policy and Governance*
Clint A. Samples, B.A., B.F.A., M.F.A.	*Interim Dean of the College of Humanities, Arts, and Social Sciences and Professor of Art*
Jason B. Huett, B.A., M.S., Ph.D.	*Executive Director of Extended Learning, Dean, USG eCampus and Associate Professor of Educational Technology*
Matthew D. Varga, B.A., M.S., Ph.D.	*Dean of the Graduate School and Professor of Counselor Education and College Student Affairs*
Blynne Olivieri-Parker, B.A., M.A., M.L.I.S.	*Dean of Libraries and Professor of Information Library Science*
Renee J. Butler, B.I.E., M.S., Ph.D.	*Interim Dean of the James 'Earl' Perry College of Mathematics, Computing and Sciences, and Professor of Systems Engineering*
Christopher K. Johnson, B.S., M.A., Ph.D.	*Dean of the Richards College of Business, Sewell Chair of Private Enterprise and Professor of Economics*
Bradford L. Yates, B.A., M.S., M.Ed., Ph.D.	*Dean of the School of Communication, Film, and Media and Professor of Mass Communications*

Imelda Reyes, B.S., M.P.H., M.S.N., D.N.P.	*Dean of the Tanner Health School of Nursing and Professor of Nursing*
Karen Owen, A.B, M.P.A., Ph.D.	*Dean of University College and Honors College and Associate Professor of Political Science*

The University of West Georgia Commitment Statement, Mission, and Values

Commitment Statement

We are dedicated to the curation of a first-choice university.

Mission

The mission of the University of West Georgia (UWG) is to enable students, faculty, and staff to realize their full potential through academic engagement, supportive services, professional development, and a caring, student-centered community. UWG is committed to academic excellence and to community engagement, offering high-quality undergraduate, graduate, and community programs on-campus, off-campus, and online.

UWG, a charter member of the University System of Georgia (USG), is a comprehensive, SACSCOC level VI, public university, based in West Georgia with multiple instructional sites and a strong virtual presence. UWG supports students in their efforts to complete degrees in relevant programs, valuing liberal arts and professional preparation. Through effective and innovative teaching, experiential learning, scholarship, research, creative endeavor, and public service, UWG equips graduates to engage with and discover knowledge. UWG is dedicated to building on existing strengths and developing distinctive academic, research, and co-curricular programs and services that respond to economic development and identified regional, state and global needs, thus empowering alumni to contribute responsibly and creatively to a complex 21st century global society.

Values

The institutional mission and daily operation of the University of West Georgia are guided by our values that support our vision to be the best place to work, learn, and succeed.

The value of achievement is evident in our commitment to the academic and social success of our students, staff, and faculty.

The value of caring is evident in our consistent concern and regard for our students, staff, and faculty as well as the larger communities where we live and whom we serve.

The value of collaboration is evident in our commitment to shared governance, teamwork, and a cooperative spirit that shape our interactions with students, staff, and faculty, and the communities we serve.

The value of inclusiveness is evident in our commitment to celebrating our diversity, our collaborative spirit, and creating a welcoming campus that is emotionally and physically safe for all.

The value of innovation is evident in our commitment to fostering a learning atmosphere in which new methods and ideas consistent with our vision and mission are respected and rewarded.

The value of integrity is evident in our commitment to rigorous ethical standards in our classrooms and offices, in our conduct toward each other, and in service to our communities.

The value of sustainability is evident in our obligation to maintaining ecological balance in our planning and operations that make possible for future generations the same or better quality of opportunities for success available to present employees and students.

The value of wisdom is evident in our commitment to teaching and learning that emphasizes knowledge for the purpose of positively transforming the lives of our employees and students, as well as improving the world in which we live.

The University

Overview

The University of West Georgia is a coeducational, residential, liberal arts institution located in Carrollton. A comprehensive university in the University System of Georgia, it enrolls students from most counties in Georgia as well as from other states and many foreign countries.

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 114,500 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 12 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 Art degree in the fields of English, history, and mathematics.

During the following years, West Georgia College became one of the fastest growing institutions of higher learning in the South. From an enrollment of 576 in 1957, the institution's student body now numbers more than 12,769.

In 1967, the Board of Regents authorized the initiation of a graduate program at the master's level.

The Board of Regents in 1988 approved opening UWG Newnan, 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 began serving students from this new site in summer 2015. With an enrollment of just under 1,000 students, UWG Newnan provides the Core Impact Requirements, as well as full bachelor and master's programs and dual enrollment for high school students.

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.

Accreditations and Affiliations

The University of West Georgia is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, baccalaureate, master's, educational specialist, and doctorate degrees. The University of West Georgia also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of the University of West Georgia may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

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 requirement. 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.

Many UWG programs are accredited by a programmatic accrediting agency or approved by a state or other agency.

Accreditations also include the following:

Programmatic Accrediting Agencies

ABET Computing Accreditation Commission

Accrediting Council on Education in Journalism and Mass Communications (ACEJMC)

Association to Advance Collegiate Schools of Business International (AACSB)
Council for the Accreditation of Counseling and Related Educational Programs (CACREP)

Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) of the American Speech-Language Hearing Association (ASHA)
Commission on Collegiate Nursing Education (CCNE)

National Association of Schools of Arts and Design (NASAD)
National Association of Schools of Music (NASM)
National Association of Schools of Theatre (NAST)
Network of Schools of Public Policy, Affairs, and Administration (NASPAA)

State Programmatic Approvals

Georgia Board of Nursing

Georgia Professional Standards Commission (GaPSC)

Other Programmatic Approving Agencies

American Chemical Society

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

The Campus

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

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 the Kennedy Interfaith Chapel and the 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.

A modern academic complex composed of a renovated library, the Technology-enhanced Learning Center (TLC), as well as social science, humanities and other 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; the Tanner Health System School of Nursing; the Biology Building; and the 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, a 10,000-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 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 Oaks residential community.

The UWG Bookstore, conveniently located across the street from both the TLC and the Village, offers textbooks, spirit wear, snacks, and more.

The Tanner Health System School of Nursing building features state-of-the-art equipment in 64,000 square feet of technology-equipped space.

Over the past five years, the campus has improved and expanded facilities that enhance opportunities for students to thrive and succeed, such as renovation to the Biology Building and new construction for the Student Health Center and Roy Richards Sr. Hall, the new home of the Richards College of Business. The university is currently renovating the Humanities Building, home to programs in art, English, film, history, language, performing arts, and philosophy. The gross asset value of the University's facilities is approximately $300 million. The University has grown to nearly 645 acres.

UWG opened the Momentum Center to solve problems. There is a team available to help students address any need, from help with navigating enrollment to advising, financial aid, billing and payment, and more! No matter the issue, our Student Solutions team will help find the answer.

Irvine Sullivan Ingram Library

https://www.westga.edu/library/

Ingram Library is located in the center of campus and offers four floors with varying noise levels - from social to quiet - with group study rooms and other collaborative work areas, instructional spaces, soft seating for study, and a Starbucks. Computers and an array of equipment to support student learning are available for check out.

Ingram Library provides online and onsite collections and services to meet the research and educational needs of the UWG community. Library users have access to an extensive range of electronic and print materials selected to support the University's academic programs, including the academic version of GALILEO, which is an online library of databases, full-text electronic journals, and reference resources. UWG students, faculty, and staff also have access to University System of Georgia resources through GIL (GALILEO Interconnected Libraries) Express. In addition, the Library's Resource Sharing department provides users with access to materials through a global network of libraries and institutions. The University is a member of the Atlanta Regional Council for Higher Education (ARCHE), which allows students, faculty, and staff to utilize the resources of other member libraries in the Atlanta area. Special Collections in Ingram Library includes archival collections, rare books, and other unique materials. Its mission is to gather, preserve, and publicly share primary sources to advance teaching, learning, scholarship, and community engagement in service to the University of West Georgia, regional community, scholars, and members of the general public.

Students receive onsite and online assistance in the research process from library employees who help them connect to research materials and collections. The library is committed to working with students to increase their information literacy skills and help them effectively engage with relevant information resources. The library provides a variety of learning pathways, including the credit-bearing course LIBR 2100 - Information Literacy and Research and course or topic-specific workshops.

Information Technology Services

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

Information Technology Services' (ITS) central office and Service Desk are located on the second floor of Cobb Hall on Front Campus Drive. SITS (Student Information Technology Services), located on the first floor of Ingram Library, provides IT assistance and support for current students' personal computers and mobile devices.

ITS provides technology leadership and support to all areas of the University community. ITS offers a wide variety of technical services from the support of your University student account to the planning and maintenance of the campus technology infrastructure. This includes:

- The campus wireless network
- Computer labs (onsite and virtual)
- Classroom technology
- The Service Desk
- Remote and on-premise support
- Collaborative services and email
- Microsoft 365
- OneLogin Protect Self-Service Tools
- Banner - the student information system

Office of Education Abroad

https://www.westga.edu/academics/education-abroad/index.php

UWG's Office of Education Abroad provides advising and support for all students who are interested in learning more about making study abroad a part of their degree programs. Located on the first floor of Mandeville Hall, the office helps students identify appropriate education abroad programs from those offered by UWG departments, by the University System of Georgia, and institutional exchange partners. It also provides counseling on preparation for travel, course selection, and ways to finance study abroad. In addition to help for students, the office assists academic units interested in developing partnerships with universities around the world. Services for faculty include guidance for those interested in developing study abroad programs relevant to their disciplines and support for those interested in sponsoring visiting scholars from abroad. The office sponsors activities and workshops for students and faculty related to education abroad and campus internationalization.

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 program, 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.

The University of West Georgia Alumni Association

Graduates 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, the State University of West Georgia, West Georgia College, or the Fourth District Agricultural and Mechanical School. A volunteer-driven 36-member Board of Directors works closely with the professional staff to develop and support opportunities that steward the relationships between alumni and the University. The Association informs alumni of institutional plans, progress, opportunities, and needs.

Through the Alumni Relations and Annual Giving departments, communication with alumni is achieved through website, social media, email and mailed communications, and the Forever West digita newsletter. Major activities sponsored by the Alumni Association include Alumni Weekend, Homecoming, local/regional/national events, and many other reunions and special events that involve thousands 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, nonprofit 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

http://www.westga.edu/vpsa

The Division of Student Affairs team is dedicated to curating a first-choice student experience by providing the services, facilities, programs, and people to help students succeed. These activities are under the direction of the Vice President for Student Affairs.

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

- Career Services - https://www.westga.edu/careerservices/
- Veteran and Military Programs - https://www.westga.edu/calv/
- Center for Student Involvement and Inclusion - https://www.westga.edu/csii/
- Counseling - http://www.westga.edu/counseling/
- Health Services - http://www.westga.edu/health/
- Housing & Residence Life - http://www.westga.edu/housing/
- Office of Community Standards - https://www.westga.edu/ocs/
- Accessibility and Testing - https://www.westga.edu/student-services/accessibility-testing/index.php
- Fraternity and Sorority Life - https://www.westga.edu/campus-life/fsl/
- University Recreation and Campus Center - https://www.westga.edu/urec/
- Office of the Vice President of Student Affairs - https://www.westga.edu/administration/vpsa/index.php
- Parent and Family Services - https://ww.westga.edu/parents/index.php

Student Activities

Art, Music, and Theatre

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

The Music program 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 Theatre program stages major productions each semester and one-act plays during the spring. The Music program presents an opera each year as well.

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

The Art program hosts an annual UWG student art exhibition every spring semester, which is open to all university students to submit art works. Additionally, the program hosts many art exhibitions, productions, and lectures from visiting artists, while art student's exhibitions are presented in the Visual Arts Building (VAB) Gallery throughout the academic year.

Debate

West Georgia has a phenomenal debate program. In 2021, for the 43rd time out of the last 44 years, a West Georgia team qualified for the National Debate Tournament. Since 1995, UWG Debate has won three national championships, been national runner up two other times, and finished top 5 in the nation six other years.

Student Media

Student publications include two campus-wide publications: *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.

WOLF 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 that air over the local cable channel.

Awards and Honors

West Georgia encourages and rewards excellence among its students. Qualified students are invited to join approximately 20 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 26 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 their 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 Undergraduate Research Conference and 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.

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 outstanding students 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 Student Achievement 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.

Strategic Enrollment Management

The Division of Strategic Enrollment Management (SEM) is dedicated to curating a first-choice experience by providing excellent recruitment, enrollment, and financial aid experiences in line with the institution's mission and goals while maintaining fiscal sustainability. These services are under the direction of the Vice President for Strategic Enrollment Management.

SEM supports the success of prospective and continuing UWG undergraduate students through its admissions, transfer, orientation, and financial aid functions. We are committed to strategically designing, implementing, assessing, and enhancing the services necessary to promote students by providing exceptional service to students and University stakeholders.

SEM encompasses several departments working together to enhance the academic experience. For more information about the services available, we encourage you to contact the appropriate offices listed below:

- Office of Admissions - westga.edu/admissions
- Financial Aid - westga.edu/financialaid
- International Student Admissions and Programs (ISAP) - westga.edu/isap
- Momentum Center and Student Solutions - https://www.westga.edu/student-services/momentum-center
- Office of the Vice President of Strategic Enrollment Management - westga.edu/sem
- Office of Education Abroad - https://www.westga.edu/academics/education-abroad/index.php
- Office of the Registrar -westga.edu/student-services/registrar/

Expenses

Business Policy

The University year is divided into two semesters of approximately 15 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 ensure that financial operation is in conformity with the policies of the Board of Regents, certain regulations must be observed. Fees and charges must be paid by the published deadlines. Fees and charges may be paid in cash, by 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, their 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 their bank, the 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. In the event, a student's registration is cancelled and the student seeks the reinstatement of classes, a $200 fee will be assessed to the student and is due upon reinstatement along with all other charges on the student's account.

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.) that are listed on the Office of Student Accounts and Billing Services website at https://www.westga.edu/student-services/studentaccounts/index.php.

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 published deadlines. A late fee is charged beginning the day after new student registration. See the Office of Student Accounts and Billing Services site at https://www.westga.edu/student-services/studentaccounts/index.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 nine 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 the Village residents (due to Comprehensive Fee). The social fee is used to support resident hall activities.

For a combined listing of meal plans and residence halls, see the Office of Student Accounts and Billing Services site at https://www.westga.edu/student-services/studentaccounts/index.php.

Meal Plans

Signing up for a meal plan is easy using our online registration form, which can be found on the meal plan website. If you need assistance or have questions, our office is located in the Momentum Center. You can also contact us by email at thecard@westga.edu or by phone at 678-839-6525.

Meal Plan Membership Terms and Conditions

- Meal plan memberships can only be removed before the END of the drop/add period.
- Meal plan membership changes or cancellations made before the end of the drop/add period will be charged at a prorated amount.
- Payment for meal plan memberships must be made by the final drop date. Payment information can be found on the Office of Student Accounts and Billing Services website. Classes will be reviewed for cancellation if payment is not received by the deadline.
- Any meal plan memberships or upgrades added after the drop/add period must be paid in full immediately. Failure to pay may result in a HOLD on the student's account. Holds can prevent students from registering for classes, receiving/sending official transcripts, or graduating from the University. Payment information can be found on the Office of Student Accounts and Billing Services website.
- Students with severe food allergies may request exemption from mandatory meal plans through the Meal Plan Appeals Request Form.
- All meal plan membership pricing is subject to change and requires final approval by the USG Board of Regents.
- Meal plan memberships cannot be used by anyone other than the purchaser of the plan; violators will be subject to campus judicial review.
- Meal plan memberships and Debit Dining Dollars are loaded onto students' Wolves ID cards. Lost or stolen ID cards are subject to a $20 replacement fee. Replacement information is available on their website.
- Meal plan memberships must be used within the semester purchased.
- Balances remaining in Dining Dollars will be returned if the student is not enrolled in the next consecutive semester.

Meal Plan Selection:

The UWG residency requirement states that if you live in campus housing and haven't met any of the following conditions, you're required to choose either the Pack 21, Wolves, or Basic Meal Plan:
- You're over 21, married, or veteran
- You've earned more than 30 institutional credits (not including dual enrollment credits)
- You've already purchased two UWG mandatory meal plans in the past (one for Fall and one for Spring)

Students who live off-campus or have already completed their meal plan residency requirements may select any meal plan listed below,

Meal Plan Options:

PACK 21 - $2571 per semester

- 21 Dine-In Meal Swipes Per Week
- $125 Dining Debit Dollars
- 2 Guest Meal Passes to be used at East or West Commons (per semester)

PACK 21 - PLUS 5 - $2783 per semester

- Exchange 5 Meal Swipes Per Week for a Retail Combo or Dining Hall To-Go Meal.

PACK 21 - PLUS 10 - $2942 per semester

- Exchange 10 Meal Swipes Per Week for a Retail Combo or Dining Hall To-Go Meal.

WOLVES - $2226 per semester

- 15 Dine-In Meal Swipes Per Week
- $150 Dining Debit Dollars
- 2 Guest Meal Passes to be used at East or West Commons (per semester)

WOLVES - PLUS 5 - $2438 per semester

- Exchange 5 Meal Swipes Per Week for a Retail Combo or Dining Hall To-Go Meal.

WOLVES - PLUS 10 - $2597 per semester

- Exchange 10 Meal Swipes Per Week for a Retail Combo or Dining Hall To-Go Meal.

BASIC - $2076 per semester

- 15 Dine-In Meal Swipes Per Week

BASIC - PLUS 5 - $2288 per semester

- Exchange 5 Meal Swipes Per Week for a Retail Combo or Dining Hall To-Go Meal.

BASIC - PLUS 10 - $2447 per semester

- Exchange 10 Meal Swipes Per Week for a Retail Combo or Dining Hall To-Go Meal.

PACK 10 - $1778 per semester

- 10 Dine-In Meal Swipes Per Week
- $250 Dining Debit Dollars
- 2 Guest Meal Passes to be used at East or West Commons (per semester)

PACK 10 - PLUS 5 - $1990 per semester

- Exchange 5 Meal Swipes Per Week for a Retail Combo or Dining Hall To-Go Meal.

PACK 7 - $1261 per semester

- 7 Dine-In Meals Swipes Per Week
- $150 Dining Debit Dollars

PACK 7 - PLUS 5 - $1473 per semester

- Exchange 5 Meal Swipes Per Week for a Retail Combo or Dining Hall To-Go Meal.

BLOCK 50 - $570

- 50 Meal Swipes at East or West Commons Dining Hall

BLOCK 25 - $286

- 25 Meal Swipes at East or West Commons Dining Hall

Dining Debit Dollars - $200

- Accepted at all Retail locations and Dining Halls
- No added tax on items purchased with Dining Debit Dollars

Dining Debit Dollars Reload $50

- Accepted at all Retail locations and Dining Halls

- No added tax on items purchased with Dining Debit Dollars

If you have severe allergies to specific foods, please ask to speak to Dine West Management at either of our dining halls. Our managers and chefs will work to accommodate your dietary needs.

Parking and Transportation

Students are charged a mandatory transportation fee each semester for on- and off-campus parking and transportation services. Students must register their vehicle and obtain a parking permit to park on campus. Shuttle services are available for the Carrollton, Newnan, and off-campus retail shopping centers, including Adamson Square. Shuttle services may be adjusted according to student needs each academic year.

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 BankMobile 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 Housing and Residence Life office. All housing refunds will be issued through the student's BankMobile 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 BankMobile 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.

USG Policy 7.3.5.3 Military Service Refunds governs the issuing of tuition and mandatory fees and pro rata refunds of elective fees due to a military withdrawal. Students who would like to withdraw for military reasons must submit a copy of their official orders to the Office of the Registrar. Students who receive a military withdrawal are entitled to a full refund of matriculation fees paid for that semester, in accordance with the USG guidelines.

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 BankMobile 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 https://www.westga.edu/registrar/tuition-classification.php.

Admission

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 admissions application can also be found online at westga.edu/apply. 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 nonrefundable application fee. (Georgia residents 62 years of age or older are not required to pay the application fee.)

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 and 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 they are 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 https://www.westga.edu/student-services/health/immunization-policy.php.

Undergraduate Admissions Priority Deadlines

The Office of Admissions operates on "rolling admissions" and accepts applications throughout the year. In other words, applications are processed and students receive decisions on their applications on a revolving and continuing basis. As soon as all items required in support of a student's application are received, the application is evaluated and students are notified of an admissions decision. All required items must be received and a decision must be processed before a student will be allowed to register. The Office of Admissions does; however, have priority deadlines for students each semester. June 1 is the fall semester priority deadline, November 15th is the spring semester priority deadline, and May 15 is the summer semester priority deadline. These deadlines have the best interest of the student to make sure we have all outstanding items prior to the student starting classes.

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 three 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

SAT (UWG Code: 5900)	ACT (UWG Code: 0878)
480 Evidenced Based Reading & Writing	17 English OR Reading

440 Math	17 Math Test

Please note: we will "super score" your SAT and/or your ACT scores to evaluate your highest submitted scores. There's not need to reapply with each set of scores submitted. SAT/ACT scores cannot be "mixed" in determining admission eligibility.

5. In addition to the minimum test score requirement, a minimum Freshman Index of 2040 is required for admission. For graduating seniors in the class of 2022, students with a 3.2 recalculated GPA or or higher do not need to meet the freshman index score nor submit SAT/ACT scores for admission.

6. 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, and (2) individual courses must meet the normal guidelines for acceptability (see Transfer Student section).

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 they have 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 (nontraditional 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 placement 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 placement test on a case-by-case basis. Please contact the Admissions office for further policy details.
4. Admission acceptance by the Office of Admissions does not guarantee admission to a specific program or department.

Transfers from Technical College System of Georgia Colleges:

The Board of Regents and the Technical College System of Georgia (TCSG) have entered into an articulation agreement. 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 transfer credit, students must have earned satisfactory scores on either placement or exit tests. Students with minimum old SAT Critical Reading 430; RSAT Reading Section 24 (ACT 17) + SAT Math 410; RSAT Math 450 (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.

Students who apply for undergraduate admission and have attended a non-accredited institution will be requested to provide an official transcript from that institution. Credit will be determined by the respective academic departments.

For questions concerning transfer credit equivalency, see Transfer Credit Evaluation Policy.

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 they were previously enrolled. The normal application procedure consists of filing an application form with a $40 nonrefundable 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 and are seeking to take additional undergraduate courses should apply for admission through the Office of Undergraduate Admissions.

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.

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 (Georgia 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 Office of Undergraduate Admissions 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. If the student desires to live in a university residence hall, they must submit a housing application with the required deposit to the Housing and Residence Life office.

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 re-admission application to enroll in courses for the next or future terms. During the re-admission application process, the

student will be given the option of selecting to return as a degree seeking (second degree) or non-degree seeking (professional development) student.

Once the re-admission 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.

Admission of Homeschooled Students

Applicants Who Have Completed an Accredited Homeschool Program

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

Applicants Who Have Not Completed an Accredited Homeschool 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 Homeschool 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 Homeschool as filed with the state

**Homeschool applicants will be required to meet the same SAT/ACT score requirements as required for freshman admission.

Homeschooled 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, Nontraditional Applicants

Nontraditional Freshmen

Nontraditional 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
3. Have earned fewer than 30 transferable semester credit hours

Nontraditional Transfer

1. Have been out of high school at least five years or whose high school class graduated at least five years ago

2. Have earned thirty (30) semester or more transferable hours of college credit

All nontraditional applicants will be evaluated to determine their placement into learning support courses.

Opportunities for Students During High School

Dual Enrollment, formerly Move On When Ready (MOWR), is Georgia's dual enrollment program that allows high school students to earn college credit while working on their high school diploma. The Dual Enrollment program includes provisions to help remove some of the financial barriers that may prevent students from participating in a dual enrollment program.

Admission Requirements:

11th and 12th Grade Dual Enrollment Requirements
GPA: 3.0
SAT Composite: 1050 or ACT Composite: 20
SAT EBRW: 480 or ACT English or Reading: 17
SAT Math: 440 or ACT Math: 17
Accuplacer Reading: 237, Math: 258, WritePlacer: 4

10th Grade Dual Enrollment Requirements
GPA: 3.0
SAT Composite: 1200 or ACT Composite: 26
SAT EBRW: 480 or ACT English or Reading: 17
SAT Math: 440 or ACT Math: 17

Steps to Acceptance

1. Take the SAT, ACT, or Accuplacer: Send your test scores directly to UWG. (Codes - SAT: 5900, ACT: 0878, Accuplacer: Test Score Release Form)
2. Apply to UWG: Log onto westga.edu/applynow and follow the directions to complete the application process.
3. Send required documentation: official high school transcripts, test scores, and a Dual Enrollment Participation Agreement.
4. Questions? Contact Dual Enrollment at dualenroll@westga.edu

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 the University of West Georgia 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 credit. *For a list of scores accepted by UWG and the UWG course equivalents, please visit the UWG Registrar's Office website at http://www.westga.edu/registrar.*

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. *For a list of scores accepted by UWG and the UWG course equivalents, please visit the UWG Registrar's Office website at http://www.westga.edu/registrar.* Test registration information is available through Academic Testing Services (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 they already know, but they will also save money by not having to pay for a college class. Thus, CLEP enables a student to move through their 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. Scores of 6 or 7 count as Honors credit. Please see specific course equivalencies on the Registrar's Office website 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 at http://www.westga.edu/registrar/ for more details.

Note: CLEP, AP, and IB scores for equivalent credit may be viewed on the UWG Registrar's website at http://www.westga.edu/registrar/.

Departmental Exemptions

Several academic programs offer credit by examination, such as the English and Math programs (see requirements below). The International Languages and Cultures program also allows students to exempt certain introductory foreign language courses. Interested students should contact these programs or departments directly.

English Placement

Students whose old *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. *For purpose of placement credit, RSAT scores will be converted to the old SAT scoring format.

Any student who scores a minimum 570 on the old *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. *For purpose of placement credit, RSAT scores will be converted to the old SAT scoring format.

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 Academic Testing Services, telephone 678-839-6435.

Mathematics Placement

Students whose old *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 impacts math course. *For purpose of placement credit, RSAT scores will be converted to the old SAT scoring format.

Any student who scores a minimum 480 on the old *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. *For purpose of placement credit, RSAT scores will be converted to the old SAT scoring format.

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 Academic Testing Services, 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 invited to apply to the program. For more detailed information, see the Honors College section of this catalog.

International/Permanent Resident Student

An *international applicant* is defined as an individual who is not a "legally domiciled resident" of the United States. 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 international education and welcomes applications from all students domestic regardless of citizenship or immigration status. Please note the following requirements for international and permanent resident applicants:

International Beginning Freshman

1. All applicants whose native language is not English, regardless of immigration status, must meet English language proficiency requirements. This requirement can be fulfilled by submitting results from one of the approved English Language Proficiency options listed below.
2. Students who identify as native English speakers are exempt from having to provide an English Language Proficiency document. Native speaking students will need to submit official scores from either the SAT or ACT academic examination. Minimum SAT/ACT score requirements for freshman or transfer freshman admission are:
   RSAT scores of SAT EBRW-480 and SAT Math-450; 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.
3. The University System of Georgia requires completion of a College Preparatory Curriculum from an accredited institution for Freshman admission. A student applying while in high school should have a transcript of work through the junior year sent to the International Student Admissions and Programs (ISAP) office at the time of application. Students completing secondary school must provide official copies of their transcripts to the University of West Georgia for evaluation. If this official copy is not in English, it must be accompanied by a certified translation to English. The University of West Georgia reserves the right to request a formal Academic Credential Evaluation of transcripts/documents submitted to the University as part of a student's application. If requested, the student must provide an evaluation of secondary school credentials from a service belonging to the National Association of Credential Evaluation Services (NACES), or the Association of International Credential Evaluators (AICE).
4. International applicants must submit a copy of their passport and any previously issued United States visas as part of the application process.
5. International applicants, who will require an F-1 or J-1 visa, must also submit sufficient financial documentation to indicate evidence of sufficient funds available for study at UWG inclusive of tuition, fees, lodging, transportation, insurance and supplies. These documents are not required to receive a decision on an

application, but are required prior to issuance of any documents needed for the visa application process, namely form I-20 or form DS-2019.

6. Admission acceptance by the Office of International Student Admissions & Programs does not guarantee admission to a specific program or department.

International Transfer

1. All applicants whose native language is not English, regardless of immigration status, must meet English language proficiency requirements. This requirement can be fulfilled by submitting results from one of the approved English Language Proficiency options listed below.
2. Any international applicant who has completed a minimum of 45 quarter hours/30 semester hours of transferable work must submit an official copy of transcripts from all previously attended post-secondary institutions. If this institution is based internationally and does not currently hold United States accreditation, an internal academic credential evaluation will be performed to determine the American equivalent of the courses/degrees earned. The University of West Georgia reserves the right to request a formal Academic Credential Evaluation of transcripts/documents submitted to the University as part of the student's application. If requested, the student must provide a course-by-course evaluation, with a GPA conversion, of all post-secondary coursework from a service belonging to either the National Association of Credential Evaluation Services (NACES), or the Association of International Credential Evaluators (AICE).
3. Applicants must have a minimum cumulative grade point average of 2.0 in all transferable college work attempted. Students must also be in good social and academic standing at their former institutions.
4. Admission acceptance by the Office of International Student Admissions & Programs does not guarantee admission to a specific program or department.
5. Students are eligible to apply for transfer credit based on previously completed studies. Please see the University of West Georgia's transfer credit policy located in the "Transfer Student" section.
6. International applicants must submit a copy of their passport and any previously issued United States visas as part of the application process.
7. International applicants who require an F-1 or J-1 visa, must also submit sufficient financial documentation to indicate evidence of sufficient funds available for study at UWG inclusive of tuition, fees, lodging, transportation, insurance and supplies. These documents are not required to receive a decision on an application, but are required prior to issuance of any documents needed for the visa application process, namely form I-20 or form DS-2019.

* English language proficiency requirements (submit one 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 69 internet-based (www.toefl.org or 609-771-7100)
- Official test results from the "Academic" variant of the International English Language Testing System (IELTS) with a minimum score of 6
- Official test results from the "Academic" variant of the Pearson Test of English (PTE) with a minimum score of 53
- Official test results from the Cambridge Certificate of Advanced English (CAE) with a minimum score of 52
- Official test result from the Cambridge Certificate of Proficiency in English (CPE) with a passing score
- Official test results from the EIKEN Test in Practical English Proficiency (EIKEN) with a minimum score of Pre-1
- A Georgia State Test of English Proficiency (GSTEP) recommendation for full academic admission, administered by Georgia State University (404-651-3650)
- Official certificate of successful completion of an Intensive English Program (IEP) offered by a university operated by the USG
- A grade of "C" or better in a non-remedial, college level English course (ENGL 1101 equivalent or higher-level course) from an accredited college or university in the United States, Canada, United Kingdom, Australia, or New Zealand
- Official score report from a Cambridge International Examination (CIE) or EdExcel IGCSE ("O" or "A" Level) English exam, with a minimum score of D

- Official score report from one of the five UK examination boards offering GCSE and GCE English exam, with a minimum score of C
- Three (3) years (9th, 10th, and 11th grade) of English as a second language (ESL) and a grade of "C" or higher in a College Preparatory Senior (12th grade) English at an accredited high school in the United States; four years of ESL at an accredited high school in the United States does not fulfill English language proficiency requirements
- Exemptions from the above requirements can be considered in circumstances when a student has completed their education in the English medium and upon the approval of International Student Admissions and Programs
- Waivers for formal ESL examination are available to those who have completed an approved educational program from one of the following countries: Antigua and Barbuda, Australia, the Bahamas, Barbados, Belize, Canada (except Quebec), Ireland, Jamaica, New Zealand, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, United Kingdom, and the United States. Exemptions from other countries are possible and will be evaluated on a case-by-case basis.

In order to attract international students, the University may waive all or a part of the nonresident portion of tuition for select undergraduate international applicants who meet certain academic criteria. Upon acceptance, an international student may apply for this waiver with the office of International Student Admissions and Program (ISAP). A limited number of waivers are available, and not all eligible international applicants will receive a waiver. Students awarded a waiver must maintain minimum requirements, including GPA, and apply for a renewal of the waiver for each academic year of their study.

Graduate Student Admission

See the *Graduate Catalog* for details on applying for a graduate program.

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 their classification on the application for admission. For more detailed information, see Regents' Policies Governing the Classification of Students.

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.

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 through various tuition differential waivers. For more information, see the Registrar's site at https://www.westga.edu/registrar/tuituition-classification.php.

Financial Aid

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 on the Financial Aid website: www.westga.edu/finaid. To obtain more information, telephone the office at 678-839-6421 or visit the website at www.westga.edu/finaid. Questions may be sent by email to finaid@westga.edu.

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

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 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 (SAP)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.
- Beginning Fall 2020, the academic standing and institutional GPA will be based on the highest grade earned. If a student repeats a course and earns a lower grade, the highest grade from a previous attempt will be used in calculating the academic standing and institutional GPA.
- These Financial Aid Satisfactory Academic Progress standards do not consider an Academic Renewal GPA. All prior institutional grades are included in the SAP GPA.

D. Grade changes that are processed after a SAP evaluation has already occurred will be included in the next scheduled evaluation; prior evaluation(s) will not be reassessed.

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 67.67% 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:

Cumulative hours earned/Cumulative hours attempted >= 67.67%

- 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 not successfully completed = neither 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 successfully completed = one course counts as earned credits, both courses count as attempted credits.

- Grade changes that occur after a SAP evaluation has already occurred will be included in the next scheduled evaluation; prior evaluation(s) will not be reassessed.

V. Maximum Time Frame

A student must complete their degree requirements within a specified number of attempted hours (150% of the published degree length).

- 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 UWG 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 to attempt 150% of their published program length.

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.
- Financial Aid 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.
- Financial Aid 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 that 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 that are affecting the insufficient SAP standing. The appeal must be accompanied by supporting documentation from at least two professional individuals (business, medical, counselor, clergy, etc.) who can corroborate the student's circumstances. If the documentation is provided by a professional (business, medical, counselor, clergy, etc.), who can corroborate the student's circumstances. The documentation must include the institution's professional letterhead, the professional's credentials, and must be signed. Appeals may be submitted via BanWeb for current students.

SAP appeals will be reviewed by a UWG committee comprised of FA staff. A student who wishes to appeal the decision of the SAP Appeals Committee may submit a request for a review by the second Appeal Committee. The decision of the second Appeal Committee 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. If you experience problems during the semester, you will need to schedule a meeting with a financial aid advisor to review progress and discuss any problems that arise. Please email finaid@westga.edu to schedule that appointment. At the end of each semester, the financial aid office will confirm your fulfillment of these conditions. If you fail to meet the outlined requirements you will not qualify for future assistance until you meet SAP standards on your own.

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 email to their UWG email account. Students who are placed on FA Warning will be notified via email to their UWG email account. All notifications will occur within three 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 online at www.fafsa.gov.

Federal Government Programs

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

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 12 hours. Students are 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.

Federal Direct Subsidized Stafford Loan

The Federal 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 part-time student. Origination and processing fees are deducted from the loan amount borrowed.

Federal Direct Unsubsidized Stafford Loan

Any eligible student, regardless of need, may borrow from the Federal 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 part-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
Graduate Students	$20,500

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

Freshman/Sophomore	up to $4,000 a year
Junior/Senior	up to $5,000 a year

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

Veterans and Dependent Benefits

For information on Veterans and Dependent Benefits, please refer to the Veteran Benefits section of this catalog.

Vocational Rehabilitation Benefits

Vocational Rehabilitation (Voc Rehab) 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 Atlanta Regional Voc Rehab Office at 1700 Clairmont Road, Decatur, Georgia 30033. The Veterans and Military Programs Office will work with Voc Rehab and the Office of Student Accounts and Billing Services to assist eligible students.

State of Georgia Programs

HOPE Scholarships

The State of Georgia provides the HOPE Scholarship to students who have graduated from a Georgia high school 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 the time frame allotted to them on GAfutures.org. Students must complete the GSFAPP application found on the GAFutures.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 to this are noted on the GAfutures.org website. 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

The HOPE GED Grant Program provides recipients of General Education Development (GED) diplomas with a one-time award of $500 toward the cost of their postsecondary education. The purpose of the HOPE GED Grant Program is to encourage Georgia's GED recipients to pursue education beyond the high school level at an Eligible Postsecondary Institution located in Georgia.

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 Office of Student Accounts and Billing Services, Student Solutions, or the Financial Aid Office.

For any questions regarding this policy, contact the Office of Student Accounts and Billing Services 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
- 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 Office of Financial Aid at the University of West Georgia, see the General Scholarship information, and download the application online at www.westga.edu/finaid.

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 the Honors College section of this catalog.

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 $500 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 Office of Student Accounts and Billing Services for additional information.

Veteran Benefits

The University of West Georgia maintains two offices to serve military affiliated students. The Office of the Registrar coordinates Veteran Educational Benefits and Military Tuition Assistance benefit processing. The Veterans and Military Programs Office helps service members, veterans, and their affiliated family members maximize their educational experience through student engagement and a Veterans Resource Center.

The University of West Georgia allows students who are using Veteran Educational Benefits to enroll and will not impose any penalty, including the assessment of late fees, the denial of access to classes or other services due to the delayed disbursement of funding from the Department of Veterans Affairs. Any covered individual is permitted to attend or participate in the course of education during the period beginning on the date of which the covered individual provides the UWG Office of the Registrar with a copy of their certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA) website - eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates: The date on which payment from VA is made to the institution OR 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

Each person receiving educational benefits is responsible for ensuring that all information affecting their receipt of benefits is kept current, and each must confirm with the School Certifying Official in the Office of the Registrar prior to each term their intent to receive funds for the term. Covered individuals who are receiving less than 100% of tuition and fees covered by the Department of Veterans Affairs must pay the remaining balance by the deadline as stated by the Office of Student Accounts and Billing Services.

For more information on how to get started using Veteran Educational Benefits or the many Educational Plans covered by the Department of Veterans Affairs, visit https://benefits.va.gov/gibill/ or the UWG Office of the Registrar at www.westga.edu/registrar, (678) 839-6438, or registrar@westga.edu.

Extended Learning

Dr. Jason Huett, Executive Director and Dean, USG eCampus
http://www.westga.edu/exlearn/
678-839-6248

The Office of Extended Learning has responsibility for the administration of the Distance and Distributed Education (UWG Online), Continuing Education, and USG eCampus.

UWG Online/Distance Education

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 partially, fully, or entirely at-a-distance credit courses that utilize the internet to deliver course materials and assignments and to facilitate discussion and other appropriate interactions. Distance Learning credit offerings are currently delivered partially, fully, or entirely at a distance 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).

By providing support for fully online and partially online courses and programs, UWG Online 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 (Brightspace 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 that can be taken at any approved testing center worldwide. Additional proctored testing site fees may apply, and tuition rates may be different. Review the special instructions noted in the online course bulletin, and review your bill carefully.

Online learning generally provides considerable freedom, allowing students to often choose when and where they'll participate in class activities. Nevertheless, online courses at UWG 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. Students who do not log in 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 statewide 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 undergraduate courses

Some upper-division courses may be offered fully at a distance or 94-99% online, requiring one face-to-face meeting, while some are offered partially at a distance or 51-94% online. Others may be listed as entirely at a distance or 100% online. Always be sure to check the special instructions noted on the public course bulletin site: http://banweb.westga.edu.

Though many upper-level undergraduate and core courses are offered partially or entirely online, UWG offers 15 full degree programs partially or entirely online, as well. These online programs cover degrees in Business, Computing, Education, Nursing, Organizational Leadership, Criminology and Criminal Justice, Criminal Justice, Political Science and Sociology. In order to create the most convenient schedule possible, select undergraduate online programs are also taught on campus and allow students to enroll in both online and face-to-face courses. See https://uwgonline.westga.edu/academic_programs.php and filter by location.

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).

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), 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.

Public Services

http://www.westga.edu/conted

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 noncredit 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

The Department of Continuing Education is responsible for the assessment, development, and implementation of nondegree 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 that serve as a catalyst for economic development.

Continuing Education Unit

The Continuing Education Unit (CEU) is defined as 10 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 nondegree activities that meet appropriate criteria. Second, the CEU may serve as the accounting unit of the institution's total nondegree 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.

State Authorizations

The U.S. Department of Education requires compliance with state regulations of any state in which UWG provides distance education for students. To facilitate this compliance with state regulations, UWG has joined the National Council for State Authorization Reciprocity Agreement (NC-SARA). This agreement allows us to offer distance education to other member states. To find out if your state of residence is a member state before applying to a program with UWG, please visit the NC-SARA website.

For your convenience, there is a dedicated email to answer any questions you may have regarding the availability of a specific program in your state of residence (deregs-list@westga.edu). This email is exclusively for questions regarding state authorizations. All other inquiries should be addressed to the academic department offering the online program or Undergraduate / Graduate Admissions. If you do not see your state listed as a member of NC-SARA please email for more information.

Out-of-State Complaint Resolution

The U.S. Department of Education's "Program Integrity" regulations require that each state has a student complaint procedure in order for public and private higher education institutions to be eligible for Title IV funds. GA-SARA is responsible for monitoring all written and signed student complaints against degree granting institutions authorized to operate in Georgia through SARA. The following link details the complaint process: GA-SARA Student Complaint Rules. Any complaints may be submitted using the form located here: GA-SARA Online Student Complaint Form.

UWG desires to resolve student grievances, complaints and concerns in an expeditious, fair and amicable manner. Students residing outside of the State of Georgia while attending UWG who desire to resolve a grievance should follow the University's Student Grievance Procedure found in the Student Handbook.

UWG Douglasville

The University of West Georgia endeavors to provide affordable accesss for Douglas County students and residents. UWG Douglasville offers affordable Nexus, bachelor's and graduate programs, as well as dual enrollment courses that count towards a degree. Additional programs that align with regional, professional, and workforce needs are under development. For more information, visit https://www.westga.edu/douglasville/.

UWG Newnan

The Board of Regents approved and established a University of West Georgia off-campus center in Newnan, Georgia, in August 1988. The University began offering courses in the Georgia Power Company's Shenandoah Environment & Education Center in 1990. The University utilized this site in the Shenandoah Industrial Park for 25 years. 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 University System of Georgia Board of Regents and the University of West Georgia.

In the summer of 2015, UWG Newnan relocated to 80 Jackson Street in downtown Newnan into the historic Newnan Hospital which was renovated for University use. The $15M project was spearheaded by the City of Newnan in collaboration with Newnan Hospital, Inc., the University of West Georgia, USG Board of Regents, and Coweta County Commission. The new building includes a 120-seat lecture hall, classrooms, computer and science labs, seminar rooms, study areas, and nursing skills and simulation labs. UWG recently opened the newly renovated North Wing of the Newnan Campus, responding to the needs and expectations of students who take classes at UWG Newnan.

UWG Newnan offers the following undergraduate degrees: Bachelor of Science in Nursing, Bachelor of Science with a Major in Psychology and Bachelor of Science in Social and Behavioral Health. UWG offers undergraduate courses in the fundamental core curriculum (includes some hybrid and online) at UWG Newnan as well as select undergraduate business courses. The renovated facility will provide access to over 3,000 students and allow expansion of current programs and addition of new ones. Through the Dual Enrollment program, high-performing high school juniors and seniors are encouraged to "Go West Early" and enroll in core classes at UWG Newnan while still in high school.

Graduate programs include the MBA

- MBA - Business Administration

Test Proctoring

UWG Newnan is a test proctoring site for eCore classes, UWG Online, and for online courses from other universities. For more information, visit the Test Proctoring page on the UWG Newnan website: westga.edu/newnan/test-proctoring.php.

Admission

The requirements for admission to UWG Newnan 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 UWG Newnan is viewable on the University's schedule of classes each semester. Links to the Newnan section of the class bulletin can be found on the website (www.westga.edu/newnan). Registration for UWG Newnan courses is conducted in the same way as for courses on the main campus. Students may register on BanWeb during scheduled registration time. For more information, visit the Registrar's website (www.westga.edu/registrar).

Advising

Advising for eCore classes, and some general advising are offered at UWG Newnan. In addition, advisors from the College of Education, Richards College of Business, Tanner Health System School of Nursing, and Dual Enrollment may periodically schedule advising days at Newnan. For more information, visit the Advisement page on the UWG Newnan website at westga.edu/newnan/advisement.php.

Undergraduate Academic Policies

Academic Calendar

The University of West Georgia is on a semester system, with academic credit being awarded at the end of each semester. The fall and spring semesters are approximately 16 weeks and include a final exam period. The summer semester is approximately 10 weeks and is composed of four short sessions: one two week, two four-week, and one seven week. Each session includes a separate final exam period. A student may take up to 18 total hours per semester. For information regarding exceptions granted to complete above 18 hours in a semester, please refer to Academic Load.

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 Academic Testing Services (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 they already know, but the student will also save money by not having to pay for a college class. Thus, CLEP enables a student to move through their freshman and sophomore years at a faster pace.

A few of the academic departments at West Georgia also offer the opportunity for credit by examination.
The Department of English, Film, Languages, and Performing Arts, 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 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 department at 678-839-6512 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 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 or calling (678) 839-6438.

Subject	AP Exam	Score	UWG Course Equivalent	UWG Hours
Art	Art History			
	Art History	3	ART 1201	3
	Art History	4	ART 2201 or ART 2202	3
	Studio Art - 2D/3D Design	5	ART 2201 and ART 2202	6
	Studio Art - 2D/3D Design	4	ART 1006 or ART 1009	3
	Studio Art - Drawing or General Portfolio	5	ART 1006 and ART 1009	6
		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 BIOL 1107L	4
	Biology	5	BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L	8
Chemistry	Chemistry	2	CHEM 1151 and CHEM 1151L	4
	Chemistry	3	CHEM 1211 and CHEM 1211L	4
	Chemistry	4-5	CHEM 1211 and CHEM 1211L and CHEM 1212 and CHEM 1212L	8
Computer Science	Computer Science A or B	4-5	CS 1301	4
	Computer Science Principles	5	CS 1300	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 ENGL 1102	6
	English Language and Composition	3-4	ENGL 1101 or ENGL 1102	3
	English Language and Composition	5	ENGL 1101 and ENGL 1102	6
Environmental Science	Environmental Science	3-5	ENVS 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 and 2002	6
	French, German, and Spanish	5	2001 and 2002 and XIDS Elective	9
Geography	Human Geography	3-5	GEOG 1013	3
History	World History: Modern	3-4	HIST 1111 or HIST 1112	3
	World History: Modern	5	HIST 1111 and HIST 1112	6
	United States History	3-4	HIST 2111 or HIST 2112	3
	United States History	5	HIST 2111 and HIST 2112	6

	European History** European History** African-American Studies	3-4 5 3-5	HIST 1111 or HIST 1112 HIST 1111 and HIST 1112 HIST 3350	3 6 3
Mathematics	Calculus AB Calculus AB Calculus BC Calculus BC Statistics Precalculus Precalculus	3-4 5 3 4-5 3-5 3-5 4-5	MATH 1113 and MATH 1634 MATH 1113, MATH 1634, and MATH 2644 MATH 1113 and MATH 1634 MATH 1113, MATH 1634, and MATH 2644 MATH 1401 MATH 1111 MATH 1111 and MATH 1113	 8 12 8 12 3
Physics	Physics 1 Physics 2 Physics C: Mechanics Physics C: Electricity & Magnetism	3,4,5 3,4,5 3,4,5 3,4,5	 PHYS 1111 and PHYS 1111L PHYS 1112, and PHYS 1112L PHYS 2211 and PHYS 2211L PHYS 2212 and PHYS 2212L	 4 4 4
Political Science	Government and Politics: US	3-5	POLS 1101	3
Psychology	Psychology	3-5	PSYC 1101	3

**UWG awards credit for both the English Literature or English Language exam, if both are passed..*

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 Academic Testing Services 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 or calling 678-839-6438.

Subject	CLEP Exam	Score	UWG Course Equivalent	UWG Hours
Biology	Biology	50	BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L	8

Business Law	Introductory Business Law	50	BUSA 2106	3
Chemistry	Chemistry	50	CHEM 1211K	4
Economics	Principles of Macroeconomics Principles of Microeconomics	50 50	ECON 2105 ECON 2106	3 3
English	College Composition Modular* American Literature English Literature	60 60 60	ENGL 1101 ENGL 2130 ENGL 2120	3 3 3
Foreign Languages	French German Spanish Language Spanish Writing	50 50 50 50	FREN 1001 and FREN 1002 GRMN 1001 and GRMN 1002 SPAN 1001 and SPAN 1002 SPAN 1001, SPAN 1002, SPAN 2001, and SPAN 2002	6 6 6 12
History	History of the United States I History of the United States II	50 50	HIST 2111 HIST 2112	3 3
Mathematics	College Algebra Precalculus Calculus	50 50 50	MATH 1111 MATH 1113 MATH 1634 and MATH 2644	3 4 8
Political Science	American Government	50	POLS 1101	3
Psychology	Introductory Psychology	50	PSYC 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.

Defense Activity for Non-Traditional Education Support (DANTES) Subject Standardized Tests (DSST)

DANTES (DSST) is a Prior Learning Assessment (PLA) originated by the United States Department of Defense to provide a mechanism for eligible military personnel and civilian employees to earn college credit by examination. Undergraduate students who have been admitted to UWG and are currently in good academic standing may seek the evaluation of DANTES (DSST) credit. Each respective academic department determines the UWG course equivalency for each PLA Assessment. Students will still be required to complete a minimum of 33 academic credit hours at UWG to satisfy academic residence, dependent upon degree requirements. Please refer to the chart below to determine course equivalency and credit earned.

DSST exams are funded by the Defense Activity for Non-Traditional Education Support (DANTES) program and the first attempt is free for eligible military personnel and civilian employees. Students must wait 30 days to retake a DSST exam, even if the student has a retake voucher. For additional testing details, contact Academic Testing Services.

Questions concerning the policy should be directed to the Office of the Registrar Transfer Team by emailing transfer@westga.edu or calling (678) 839-6438.

Subject	DANTES Exam	Score	UWG Course Equivalent	UWG Hours
Chemistry	Substance Abuse (formally Drug & Alcohol Abuse	400	CHEM 3140	3
Computer Science	Computing and Information Technology (formally introduction to Computing)	400	CS 1020	3

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. For the ALEKS placement exam the cost is $20.

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	Math, Sciences, and Technology	ACS Standardized Exam for General Chemistry	CHEM 1211K CHEM 1212K	4-8	Score determines amount of credit
Criminology	Civic Engagement and Public Service	Departmental Challenge Exam	CRIM 1100 CRIM 2272 CRIM 2273 CRIM 2275	3-12	With approval from the Criminology Department, and a satisfactory score on the Departmental Challenge Exam, a student may purchase credit for CRIM 1100 , CRIM 2272, CRIM 2273, or CRIM 2275.
English	General Education	English Composition via Essay Exam	ENGL 1101, ENGL 1102	3-6	Placement score on essay determines enrollment in appropriate course. A student

					who places into ENGL 1102 or above will buy the credit for the earlier courses at the rate of $6 per credit hour.
Foreign Languages	English, Film, Languages, and Performing Arts	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. The credit buying policy only applies to courses taken at UWG - Transfer and eCore classes DO NOT allow students to buy credits for earlier courses.
Georgia Constitution	Civic Engagement and Public Service	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 or at a Technical College System of Georgia institution prior to Fall 2011.
Georgia History	Art, History, and Philosophy	Georgia History Proficiency Exam	fulfills Georgia requirements	exemption	Satisfies Georgia history requirement for out-of-state transfer student who has received credit for U.S. History (HIST 2111 or HIST 2112) taken at an out-of-state Institution.
Music	English, Film, Languages, and Performing Arts	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.

International Baccalaureate Policy (IB)

Students may be awarded UWG "K" credit for Standard Level-SL (college preparatory) courses if the student obtained an IB Diploma as well as for Higher Level-HL (college comparable) courses, regardless of whether an IB Diploma was obtained. Credit is awarded based on University System of Georgia recommendations for assessment scores and provided that the academic departments determine the examinations to be comparable to courses at UWG. For more information please visit: https://www.westga.edu/student-services/registrar/credit-by-exam.php

International Baccalaureate (IB) scores must be reported to the University of West Georgia directly from IBO North America. To request an official transcript, visit rrs.ibo.org. Transcripts should be addressed to: University of West Georgia, Registrar's Office, 1601 Maple Street, Carrollton, Georgia 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 at 678-839-6477 or http://www.westga.edu/econ/.

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

Subject	IB Exam and Level	Score	UWG Course Equivalent	UWG Hours
Anthropology	Social & Cultural Anthropology SL	5-7	ANTH 1102	3
	Social & Cultural Anthropology HL	4-7	ANTH 1102	3
Art	Visual Arts SL	4	ART 1201	3
	Visual Arts SL	5	ART 1201, ART 1006, or ART 1007	
	Visual Arts SL	6-7	ART 1006 and ART 1007	3
	Visual Arts HL	4	ART 1006 or ART 1007	6
	Visual Arts HL	5	ART 1006 and ART 1007	3
	Visual Arts HL	6-7	ART 1006, ART 1007, and ART 1009*	6 9-12**
Biology	Biology SL	5-7	BIOL 1010 and BIOL 1010L	4
	Biology HL	5-7	BIOL 1107, BIOL 1107L, BIOL 1108, and BIOL 1108L	8
Chemistry	Chemistry SL	5-7	CHEM 1211K	4
	Chemistry HL	5	CHEM 1211K	4
	Chemistry HL	6-7	CHEM 1211K and CHEM 1212K	8
Computer Science	Computer Science HL	5	CS 1301	4
	Computer Science HL	6-7	CS 1301 and CS 1302	7
Economics	Economics SL	5-7	ECON 2105 or ECON 2106 (with syllabus evaluation and approval)	3
	Economics HL	4-7	ECON 2105 and ECON 2106 (with syllabus evaluation and approval	6
English	Language A: Language and Literature	5-7	ENGL 1101	3
	English SL	4-5	ENGL 1101	3

	Language A: Language and Literature English HL Language A: Language and Literature English HL Language B: English SL Language B: English HL Language B: English HL	6-7 5-7 4-5 6-7	ENGL 1101 and ENGL 1102 ENGL 1101 ENGL 1101 ENGL 1101 and ENGL 1102	6 3 3 6
Foreign Languages	Language A: Language and Literature French HL Language A: Literature French HL Language B: French HL Language B: French HL Language A: Language and Literature German HL Language A: Literature German HL Language B: German HL Language B: German HL Language A: Language and Literature Spanish HL Language A: Literature Spanish HL Language B: Spanish HL Language B: Spanish HL	4 5-7 6 7 4 5-7 6 7 4 5-7 6 7	Exemption from FREN 1001 FREN 1002 FREN 1002 and FREN 2001 FREN 1002, FREN 2001, and FREN 2002 Exemption from GRMN 1001 GRMN 1002 GRMN 1002 and GRMN 2001 GRMN 1002, GRMN 2001, and GRMN 2002 Exemption from SPAN 1001 SPAN 1002 SPAN 1002 and SPAN 2001 SPAN 1002, SPAN 2001, and SPAN 2002	0 3 6 9 0 3 6 9 0 3 6 9
Geography	Geography HL	4-7	GEOG 1013	3
History	American History HL European History HL	5-7 5-7	HIST 2111 or HIST 2112 HIST 1112	3 3
Mathematics	Mathematics SL Mathematics HL	4 4-7	MATH 1111 MATH 1113 and MATH 1634	4 8
Philosophy	Philosophy SL Philosophy HL	5-7 5-7	PHIL 2010 PHIL 2010	3 3
Physics	Physics SL Physics HL	5-7 5-7	PHYS 1111, PHYS 1111L, PHYS 1112, and PHYS 1112L PHYS 2211, PHYS 2211L, PHYS 2212, and PHYS 2212L	8 8
Psychology	Psychology HL	5-7	PSYC 1101	3
Theatre	Theatre HL	4-7	THEA 1100	3

**May Consider ART 1008 in place of ART 1009*

***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).

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 their 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 their 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 six hours, they can only enroll in an additional 12 hours total for the remaining sessions.

Session	Hours
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 students who are enrolled in a University System of Georgia (USG) institution to have a fresh start if they have had academic difficulties in the past.

Requirements for Eligibility

- Current or former students must apply for Academic Renewal by contacting Student Solutions. New students must contact the Office of Undergraduate Admissions.
- Students must apply for Academic Renewal, if they choose this option, by the end of their third semester of enrollment or by the end of one calendar year from enrollment or reenrollment, whichever comes first.
- Academic Renewal may be granted only once by a USG college or university.
- Students must have experienced their academic difficulties at the University of West Georgia or be a transfer student from a regionally accredited institution of higher education to be eligible for Academic Renewal.

About the Policy

1. All previously attempted coursework continues to be recorded on the student's official transcript.
2. An Academic Renewal Grade Point Average begins when the student resumes taking coursework following the three-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.
3. The Academic Renewal GPA will be used for determining academic standing and eligibility for graduation. At least 30 hours of course work must be completed after the granting of academic renewal for a student to be eligible for graduation with honors.
4. Academic credit for completed coursework during the period of absence, 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.

5. 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.
6. A student can be granted Academic Renewal status only once.
7. Any previous notation of academic probation, suspension, and dismissal will remain recorded on the student's transcript.
8. A student re-enrolling after an absence of three or more years must apply for Academic Renewal by the end of their third semester of enrollment or by the end of one calendar year from enrollment, whichever comes first.
9. The Academic Renewal GPA begins with the first term following awarding of renewal.
10. Admission or re-entry into any specific degree program (such as teacher education, nursing, business majors, selected majors in the College of Arts, Culture, and Scientific Inquiry is not automatic. Admission criteria for specific programs are determined by the department where the program is housed.
11. The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.
12. 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.
13. Students desiring to enroll must submit a letter explaining why they should be considered for Academic Renewal along with the Academic Renewal application.

Readmitted students

- Readmitted students must be absent from the University of West Georgia for three (3) years, the required period of absence.
- The period of absence is calculated based on the period of time between the date of last enrollment at the University of West Georgia and the date of return to the University of West Georgia.
- Only coursework completed prior to the period of absence may be considered for Academic Renewal. If Academic Renewal is granted, all coursework completed prior to the period of absence will be renewed.
- Students may attend other institutions during the period of absence; however, that coursework will not be eligible for Academic Renewal and will be used to determine admissibility to The University of West Georgia. Transfer credit for any coursework taken during the period of absence shall be granted in accordance with the prevailing USG and West Georgia policies and procedures regarding the awarding of transfer credit.

Transfer students

- Students who previously attended a USG institution or any regionally accredited institution of higher education and transfer to the University of West Georgia may be eligible for Academic Renewal for coursework taken three (3) or more years prior to the term of enrollment at the University of West Georgia.
- If Academic Renewal is granted, all coursework completed three (3) years prior to the term of enrollment at the University of West Georgia will be renewed. Courses taken less than three (3) years prior to the term of enrollment at the University of West Georgia are ineligible for consideration for Academic Renewal and will be utilized to determine admissibility, as outlined in the General Admission Policies section of the undergraduate catalog.

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 reasonable academic progress of its students. 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:

Hours Attempted	Grade Point Average
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 their 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 their 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 they meet 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

Academic Advising and Course Selection (Course Level Rule)

Academic advising 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 their program. Advisors 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.

Students who have declared a major within the Richards College of Business or the College of Education are assigned to a professional advisor in that college's advising center. Students who intend to apply to the Nursing Program are advised in the Tanner Health School of Nursing. Students up to 60 credit hours in the College of Arts, Culture, and Scientific Inquiry are assigned to a professional advisor in the Advising Center and students in those colleges with 60 or more credit hours are advised by a faculty member in their department. Students who have declared a major in the Department of Anthropology, Psychology, and Sociology are assigned to a professional advisor in the Advising Center. Dual enrolled students are advised by a professional advisor in the Office of New Student Programs.

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 their 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 four, 3.5-, three-, 2.5-, and two-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, and 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 "Auditors" section or Admissions 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 their 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. However, instructors should be aware that students missing classes for university-sponsored activities or religious holidays should be given all appropriate courtesies and opportunities to make up missed work. Students are responsible for alerting their professors about any expected absences prior to those absences

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, and such credit earned after Fall 2015 may be eligible to satisfy Core Curriculum or degree requirements. Students who earned credit for these courses prior to Fall 2015 may be reviewed on a case-by-case basis to determine if the course is needed to satisfy Core Curriculum or degree requirements.

Students with College Preparatory Curriculum/Required High School Curriculum Deficiencies in English must take and clear the English and reading portions of the placement test. Those with College Preparatory Curriculum/Required High School Curriculum Deficiencies in mathematics must take and clear the mathematics portion of the placement test. 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.

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 that is given after the mid-semester deadline is WF.

Credit by Prior Learning (CPL)

1. Prospective students who fit the following criteria are eligible to participate in CPL:
    a. They are adults; typically, 25 years of age or older.
    b. They are non-traditional students.
    c. They have learning experiences that could be reflected in an academic program's curriculum.
2. Course credit via CPL by Portfolio may not replace existing credit assessments. Course credit acquired through these means cannot be used to satisfy the minimum number of hours that must be completed in residence at UWG, nor toward minimum hours in the major field (See SACS 3.5.2, and University catalog requirements for undergraduate degrees).
3. Students may not conduct PLA by departmental examination, standardized test, or portfolio for any courses for which they have previously completed at UWG as a regular or audit student.
4. Students are required to complete CPL Prior Learning Documentation in preparation for developing portfolio(s) for credit evaluation, preferably prior to their last semester. Students will earn two hours credit and a letter grade of A-F for this course.
5. Students must register for Portfolio Assessment in the appropriate department(s) in the term that they will submit a portfolio for evaluation.
6. Credit may be awarded after the first submission, in which case the student will be notified that credit has been granted. The assessors may specifically outline areas for improvement and allow students to resubmit their documentation one time during the next semester. The assessors will provide a report giving specific feedback to students. Students may resubmit a revised portfolio only once for reassessment and must include the original portfolio submission and previous assessor's feedback.
7. Individual departments determine how many, if any, CPL credits may be awarded.
8. Students may appeal the outcome of the CPL assessment through the University's Grade Appeal process.
9. Students can pursue Credit for Prior Learning through a variety of pathways, to include CLEP exams, departmental exams, and portfolio assessment. Portfolio assessment is available for select courses and cannot be used for courses for which CLEP and/or departmental exams are available.

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, MATH 1111, MATH 1113, or MATH 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.

Learning Support and Corequisite Labs for English and Math

Required Learning Support Courses in English and Math for UWG Students (ENGL 0999, MATH 0996, MATH 0997, and MATH 0999)

Learning Support courses are to be offered exclusively in "corequisite" format. The corequisite format means that students requiring Learning Support will enroll in both a collegiate course (ENGL 1101, MATH 1001, MATH 1101, MATH/STAT 1401, or MATH 1111) and a Corequisite Support course that is designed to support mastery of the skills and concepts needed to pass the collegiate course.

Students will exit Learning Support (LS) requirements in English and/or mathematics by passing the college-level course in the Learning Support area with a grade that satisfies the minimum grade requirement for the collegiate course at that institution (typically a "C" or higher).

Students requiring Learning Support in both English and mathematics may defer enrollment in Corequisite Learning Support and the paired collegiate course in one or the other area but must be continuously enrolled in one or both pairs until the college level courses have been passed. In cases where students cannot take courses in both Learning Support areas simultaneously, enrollment in ENGL 1101 with Corequisite Learning Support should take priority. All Area A requirements must be completed within the first 30 collegiate credit hours, including college-level and Corequisite Learning Support requirements in both English and mathematics.

English

All entering students will be enrolled in ENGL 1101 (English Composition I) and the Corequisite Learning Support course, ENGL 0999 (Support for English Composition I), unless they meet one of the exemption criteria listed below or are enrolled in a program for which ENGL 1101 is not required. If students enroll in programs that do not require ENGL 1101, but they choose to take this course, standard assessment and placement rules will apply. The exemption criteria below apply to the requirement to enroll in the Corequisite Learning Support course, not to the ENGL 1101 course requirement. Institutions may set higher exemption criteria.

Students meeting any of the criteria on the list below may enroll in ENGL 1101 without the Corequisite Learning Support course, ENGL 0999:

- Student already has credit for an Area A English course (must meet the minimum grade requirement for the course at the institution - which may be a "C" or higher).
- Student has an English Placement Index of 4230 or higher.*
- Student has a final high school GPA (HSGPA - this is the same HSGPA that is used in calculation of the Freshman Index) of 2.5 or higher and has completed the Required High School Curriculum (RHSC) in English. If the RHSC in English has not been completed, HSGPA may not be used to exempt this requirement.
- Student has an ACT English or Reading score of 17 or higher.
- Student has an SAT Verbal/Critical Reading score of 430 or higher on the "old" SAT. **
- Student has a score of 480 or higher on the "new" SAT Evidence-Based Reading and Writing (EBRW) section. **
- Student has a Classic Accuplacer Reading Comprehension score of 61 or higher AND an Accuplacer WritePlacer score of 4 or higher.
- Student has an Accuplacer Next-Generation Reading score of 237** or higher AND an Accuplacer WritePlacer score of 4 or higher.

* At the institution's option, the English Placement Index (EPI) may continue to be used for students who have at least two of the following: 1) High school grade point average, 2) (Old) SAT or ACT scores, 3) Classic Accuplacer scores.

** "New" SAT scores and Next-Generation Accuplacer Reading test scores may not be used to calculate the English Placement Index.

Mathematics

All entering students will be enrolled in one of four standard Area A college-level credit-bearing mathematics courses-MATH 1001 (Quantitative Reasoning), MATH 1101 (Introduction to Mathematical Modeling), MATH/STAT (1401 Elementary Statistics), or MATH 1111 (College Algebra)-*and* a Corequisite Learning Support course unless they meet one of the exemption criteria listed below or are enrolled in a program for which a mathematics course is not required. If students enroll in programs that do not require a mathematics course, but they choose to take a mathematics course, standard assessment and placement rules will apply.

Note: MATH 1111 has higher placement and exemption criteria than MATH 1001, MATH 1101, and MATH/STAT 1401.

The exemption criteria below apply to the requirement to enroll in a Corequisite Learning Support course, not to the college-level mathematics course requirement. Institutions may set higher exemption criteria.

MATH 1001 (Quantitative Reasoning) and

MATH 1101 (Introduction to Mathematical Modeling) and

MATH/STAT 1401 (Elementary Statistics)

Students meeting any of the criteria on the list below may enroll in MATH 1001, MATH 1101, or MATH/STAT 1401 without the corequisite Learning Support courses (MATH/STAT 0996, MATH 0997 or MATH 0998):

- Student already has credit for an Area A mathematics course (must meet the minimum grade requirement for the course at the institution, which may be a "C" or higher).
- Student has a Mathematics Placement Index of 1165 or higher. *
- Student has placed in Pre-Calculus or a higher mathematics course (e.g., College Trigonometry or some form of calculus).
- Student has a high school GPA (HSGPA - this is the same HSGPA that is used in calculation of the Freshman Index) of 2.7 or higher and has completed the Required High School Curriculum (RHSC) in mathematics. If the RHSC in mathematics has 27 not been completed, HSGPA may not be used to exempt this requirement.
- Student has an ACT Mathematics score of 17 or higher.
- Student has an SAT Mathematics score of 400 or higher on the "old" SAT.
- Student has an SAT Math section score of 440 or higher on the "new" SAT. **
- Student has a Classic Accuplacer Elementary Algebra score of 67 or higher.
- Student has an Accuplacer Next-Generation Quantitative Reasoning, Algebra, and Statistics score of 258** or higher.

* At the institution's option, the Mathematics Placement Index (MPI) may continue to be used for students who have at least two of the following: 1) High school grade point average, 2) (Old) SAT or ACT scores, 3) Classic Accuplacer scores.

** "New" SAT scores and Next-Generation Accuplacer scores may not be used to calculate Mathematics Placement Indices (MPI).

MATH 1111 College Algebra

Students who do not qualify for initial enrollment in MATH 1111 (with or without corequisite Learning Support) may enroll in MATH 1001 or MATH 1101 (with or without corequisite support) and may later enroll in MATH 1111 after successfully completing MATH 1001 or MATH 1101.

Criteria for Placement into MATH 1111 with Corequisite Learning Support:

Students meeting any of the criteria on the list below may enroll in MATH 1111 with Corequisite support, MATH 0999. (Institutions may set higher requirements to enroll in MATH 1111 with corequisite support.)

- Student has a Mathematics Placement Index of 1165 or higher. *
- Student has a high school GPA (HSGPA - this is the same HSGPA that is used in calculation of the Freshman Index) of 3.2 or higher and has completed the Required High School Curriculum (RHSC) in mathematics. If the RHSC in mathematics has not been completed, HSGPA may not be used to meet this requirement.
- Student has an ACT Mathematics score of 17 or higher. o Student has an SAT Mathematics score of 400 or higher on the "old" SAT.
- Student has an SAT Math section score of 440 or higher on the "new" SAT. **
- Student has a Classic Accuplacer Elementary Algebra score of 67 or higher.
- Student has an Accuplacer Next-Generation Quantitative Reasoning, Algebra, and Statistics score of 258** or higher.

Criteria for Direct Placement into MATH 1111:

Students meeting any of the criteria on the list below may enroll in MATH 1111 without the Corequisite Learning Support course (MATH 0999). Institutions may set higher requirements for direct enrollment in MATH 1111.

- Student already has credit for MATH 1001 Quantitative Reasoning or MATH 1101 Introduction to Mathematical Modeling (must meet the minimum grade requirement for the course at the institution, which may be a "C" or higher).
- Student has a Mathematics Placement Index of 1265 or higher.
- Student has placed in pre-calculus or a higher mathematics course (e.g., College Trigonometry or some form of calculus). 28*
- Student has a high school GPA (HSGPA - this is the same HSGPA that is used in calculation of the Freshman Index) of 3.2 or higher and has completed the Required High School Curriculum (RHSC) in mathematics. If the RHSC in mathematics has not been completed, HSGPA may not be used to exempt this requirement.
- Student has an ACT Mathematics score of 20 or higher.
- Student has an SAT Mathematics score of 470 or higher on the "old" SAT.
- Student has an SAT Math section score of 510 or higher on the "new" SAT**
- Student has a Classic Accuplacer Elementary Algebra score of 79 or higher.
- Student has an Accuplacer Next-Generation Quantitative Reasoning, Algebra, and Statistics score of 266** or higher.

* At the institution's option, the Mathematics Placement Index (MPI) may continue to be used for students who have at least two of the following: 1) High school grade point average, 2) (Old) SAT or ACT scores, 3) Classic Accuplacer scores.

** "New" SAT scores and Next-Generation Accuplacer scores may not be used to calculate Mathematics Placement Indices (MPI).

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, they 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 their 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.

Family Educational Rights And Privacy Act (FERPA): Confidentiality Of Student Records

Notification of Rights under Family Educational Rights And Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. (An "eligible student" under FERPA is a student who is 18 years of age or older or who attends a postsecondary institution at any age.) These rights include:

1. **Right to Inspect and Review Education Records**

Students have the right to inspect and review their education records within 45 days of submitting a written request to the institution's Registrar. The institution will arrange access and notify the student of the time and place where the records may be inspected.

2. **Right to Request Amendment of Records**

If a student believes their education records contain inaccurate or misleading information, they have the right to request an amendment. The request must be submitted in writing, clearly identifying the part of the record to be amended and explaining why it is inaccurate or misleading.

If the University of West Georgia decides not to amend the record as requested, the University of West Georgia will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. **Right to Provide Written Consent Before Disclosure**

Students have the right to provide written consent before the institution discloses any personally identifiable information (PII) from their education records, except as authorized under FERPA. Directory Information, as defined below, may be disclosed without prior consent unless the student has opted out.

University officials may disclose education records without a student's prior written consent to certain parties under certain conditions, as allowed by FERPA, including:

- School officials with legitimate educational interests.
- Other schools to which a student is transferring.
- Specified officials for audit or evaluation purposes.
- Appropriate parties in connection with financial aid.
- Organizations conducting certain types of studies for or on behalf of the school.
- Accrediting organizations.
- Compliance with a judicial order or lawfully issued subpoena.
- Appropriate officials in cases of health and safety emergencies.
- Parents of dependent students, as defined in section 152 of the Internal Revenue Code of 1986.
- Upon request or initiated by the student.

4. **Right to Opt-Out of Directory Information Disclosure**

Students may choose to opt out of the disclosure of Directory Information by submitting a written request. Once the request is submitted, the institution will withhold Directory Information from public disclosure. Important: Opting out does not prevent the institution from disclosing Directory Information to school officials with legitimate educational interests, including certain institution administrators, faculty, and contracted service providers.

5. **Right to File a Complaint with the U.S. Department of Education**

Students who believe the institution has failed to comply with FERPA may file a complaint with the U.S. Department of Education at the following address:

U.S. Department of Education
Student Privacy Policy Office
400 Maryland Avenue, SW
Washington, DC 20202-8520

University officials may provide Directory Information concerning a student unless the student files a Non-Disclosure Form with Student Solutions. This form must be filed annually by September 15 to assure that locator information not be published in the student directory. Directory Information includes student's name, major field of study, enrollment status (e.g. full/part-time), class level (e.g. classification), dates of attendance, degrees, honors, and awards received, most recent educational institution attended, participation in officially recognized activities and sports, heith and weight of athletes, hometown, thesis/dissertation title, Institution-assigned email address. Under this category, an institution-assigned email address may be disclosed without consent only to other current students. In addition, students may not request email listings of the entire student body or segments thereof, except for academic purposes.

Grade Appeals

University officials may provide Directory Information concerning a student unless the student files a Non-Disclosure Form with Student Solutions. 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.

Focus Area

Federal financial aid rules indicate that students must be enrolled in a program of study leading to a degree, but they do not need to have a declared major. U.S. Department of Education staff suggest that undeclared students be reported as being in General Studies (CIP code 24.0102) until they declare a major. Thus students who select a focus area are eligible for federal financial aid under the same terms as other students.

Students who transfer to a USG institution enter by declaring or major (or, if appropriate, a focus area). If the student is not changing programs as well as schools, it is possible, but not guaranteed, that the focus area will be the same at both the old and new institution. Regardless, there is no expectation that the student's previous focus area will persist at the new institution, and it is more meaningful for the student to be aligned into the new institution's academic focus areas, since this alignment drives curricular, co-curricular, advising and career counseling communications and offerings.

- Focus Area-Arts
- Focus Area-Business
- Focus Area-Education
- Focus Area-Health Professions
- Focus Area-Humanities
- Focus Area-Social Sciences
- Focus Area-STEM
- Focus Area-Wellness & Sport

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 International Languages and Cultures program 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 Registrar's website at https://www.westga.edu/student-services/registrar/forms.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, their 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 their 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 they 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 their 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 their 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 their 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 their choice.
5. During the hearing the student shall have the opportunity to testify and to present evidence and witnesses own their behalf. They 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.
10. See the Board of Regents Policy Manual for more information.

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 their 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 their 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

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 their 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 the final grade 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 to the appropriate department chair. The instructor retains a copy. It is the responsibility of the student receiving the "I" grade to see the instructor or department chair (if the instructor is not available) regarding the work to be completed.
WM-	This symbol indicates a student was permitted to withdraw under the Board of Regents policy for military service refunds. The use of this symbol indicates that this student was permitted to withdraw without penalty at any time during the term.

W-	Withdrew Passing-This symbol indicates that the student withdrew by midpoint of the semester or the term the course was offered (excluding final examinations). Except in cases of hardship that are approved by the appropriate college dean, students may not withdraw with a grade of W after the midpoint of the total grading period. A course in which the W is received is not included in the calculation of the grade point average.
WF-	Withdrew Failing
S-	This symbol indicates that credit has been given for completion of degree requirements other than academic course work. The use of this symbol is approved for thesis hours, student teaching, clinical practicum, internship, proficiency requirements in graduate programs, and a few other courses authorized by the Chancellor.
U-	This symbol indicates unsatisfactory performance in an attempt to complete degree requirements other than academic course work. The use of this symbol is approved for thesis hours, student teaching, clinical practicum, internship, proficiency requirements in graduate programs, and a few other courses authorized by the Chancellor.
V-	This symbol indicates that a student was given permission to audit a course. The audit student is regarded as an official visitor for the purpose of reserving a seat in a course. Students may not transfer from audit to credit status or vice versa. (Additional information is available in Chapter IV, "Auditors.")
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. GPAs 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 institutional grade point average.

Graduation Policies

The University of West Georgia awards degrees and stand-alone certificates 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:

Bachelor's Degree

Students seeking a baccalaureate degree should submit the Graduation Application along with the $40 (per degree) application fee through the online application in Student Self Service by the appropriate deadline listed below.

Nexus Degree

Students seeking a Nexus degree should submit the Graduation Application along with the $40 (per degree) application fee through the online application in Student Self Service by the appropriate deadline listed below.

Stand-Alone Certificate

Students seeking stand-alone certificates should submit the Graduation Application along with the $20 (per stand-alone certificate) application fee through the online application in Student Self Servcice by the appropriate deadline listed below. Certificate students do not attend the commencement ceremony.

Graduation Application Deadlines:

Spring Degree Completion - October 1

Summer Degree Completion - March 1

Fall Degree Completion - August 1

Graduation Applications are available six months prior to the application deadline. Application instructions are available on the UWG Graduation website (https://www.westga.edu/graduation).

Students must submit a graduation application and fee for each degree or stand-alone certificate they are pursuing. The graduation application and non-refundable application fee (per degree or stand-alone certificate) can be deferred up to one year from the initial term of scheduled graduation. For example, a student who applies for Spring 2024 graduation would have until Spring 2025 to graduate without having to complete another application for graduation or pay an additional graduation fee. If the student does not graduate within one year from the originally scheduled graduation date, the student must reapply for graduation and pay the required 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.

Commencement

Students are encouraged to attend commencement. If attendance is not possible, the student should notify the Registrar's Office. A student may participate in only one commencement ceremony per degree earned.

University of West Georgia hosts commencement ceremonies twice a year, in the Fall and Spring semesters. Students completing degree requirements in the Summer semester may participate in either the Fall or Spring ceremony based on their remaining credit hours for degree completion. Any student with 6 credit hours or less for degree completion in the Summer semester may participate in the Spring ceremony immediately preceding. Any student with more than 6 credit hours for degree completion in the Summer semester may participate in the Fall ceremony immediately following.

Graduation with Honors

The University of West Georgia awards baccalaureate degrees with honors to those undergraduates who have earned a minimum of a 3.50 grade point average at UWG (institutional GPA). Those candidates who have transferred from other institutions will qualify for honors if they have earned a minimum of a 3.50 institutional GPA or a combined 3.50 GPA for institutional and transferred courses (overall GPA), whichever is higher. Course repeats are calculated into the institutional & overall GPAs as stated in the Repeat Policy. Baccalaureate degrees are awarded with honors based on the following grade point average range for all courses attempted:

- 3.50 - 3.79 GPA - honors (cum laude)
- 3.80 - 3.89 GPA - high honors (magna cum laude)
- 3.90 - 4.00 GPA - highest honors (summa cum laude)

Because grades are not official until after the commencement ceremony, the initial honors designation is based on the student's honors GPA at the end of the semester prior to the commencement semester. Students who have not met the

GPA requirements to be designated as an honors recipient at the time of commencement will not be allowed to walk as an honors recipient or to purchase honors cords from the University Bookstore. Official honors designation will be determined after the commencement ceremony when term grades are official and the honors GPA is recalculated. GPAs are truncated to the second decimal place and will not be rounded (example, a 3.49 will not be rounded to a 3.50). Students who graduate with honors will have their honors status (cum laude, etc.) notated on their official academic transcript and their diploma. This policy is effective beginning in the fall 2023 semester.

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 them from completing the semester. That same event also makes it impossible for the student to take an I (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:

1. 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.

2. 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.

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

- A hardship withdrawal does not remove courses from the academic record. Course grades are converted to W for the hardship withdrawal semester.
- The W grades do not count against the overall grade point average.
- The W grades will impact the Financial Aid Pace of Progression calculation because none of the courses in the hardship withdrawal semester are completed. See the Satisfactory Academic Progress Policy for financial aid eligibility at https://www.westga.edu/student-services/financialaid/satisfactory-academic-progress.php for more information.
- Students who are granted a hardship withdrawal do not receive refunds of expenditures associated with the hardship withdrawal term.

See this link for information on how to request a hardship withdrawal: Request for Hardship Withdrawal

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, and Office of Student Accounts and Billing Services, as applicable before making the decision to withdraw from a course, since undesirable consequences may follow. International students on F1/J1 visas must also consult with the International Student Admissions and Programs (ISAP) office as failure to do so could also affect their immigration status and lawful presence in the U.S.

For example:

- Student athletes must maintain full-time status to retain athletic eligibility.

- International students on an F-1 or J-1 visa must maintain full-time enrollment to avoid termination of status and other benefits.
- 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 University 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 that 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 six colleges to set its own physical education requirements. For this catalog year, the requirements are as follows:

- The College of Arts, Culture, and Scientific Inquiry 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.
- The Richards College of Business has no physical education requirement.
- The Tanner Health System School of Nursing has no physical education requirement.
- The School of Communication, Film, and Media has no physical education requirement.
- University College has no physical education requirement.

All students are required to satisfy the physical education requirements of the college from which they graduate (not the college in which the student was first admitted as a degree candidate). The physical education activity requirement will be waived for veterans with two years of 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. Beginning Fall 2020, the academic standing and institutional GPA will be based on the highest grade earned. If a student repeats a course and earns a lower grade, the highest grade from a previous attempt will be used in calculating the academic standing and institutional GPA.

- In the case of courses with variable course titles, the repeated course must have the exact same title as the original course.
- Students may repeat XIDS 2001, 2002, and 2100 and use the grade replacement rules regardless of the titles of the courses taken. (Effective Summer 2001)
- All course attempts will remain on the official transcript. The highest grade earned will be designated by an "I" (include in GPA); all other attempts will be designated by an "E" (exclude from GPA).
- This policy applies only to undergraduate students repeating coursework prior to graduation. If a student has graduated with a bachelor's degree from West Georgia, coursework repeated after graduation will not replace coursework taken prior to graduation. Students who are repeating courses that were previously transferred or who plan to repeat a course as a transient student should review the transfer repeat policy in this catalog.

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. Studying abroad allows students to combine academic coursework with an overseas experience. Students may select programs taught in English or may participate in language immersion or exchange programs in Spanish, French, and German.

The Office of Education Abroad provides advising to help each student choose the program and coursework that best fits their 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 Office of Education Abroad (Mandeville 115) 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 offers exchange programs in several European countries, South America, Asia, and Australia. 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 study abroad website.

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. A personal computer is recommended but not required. The University provides some computer labs on campus; access to these labs at times may be limited. The University also provides access to virtual labs at https://www.westga.edu/its/virtual-computer-lab/. A list of current software in the virtual labs can be found at https://www.westga.edu/its/virtual-computer-lab. Students are responsible for making plans necessary for timely completion of their class assignments. The University provides all students access to email, word processing, spreadsheet, and web browsing software. For more details on what is recommended, see https://www.westga.edu/its/sits/new-students-faq.php.

Transfer Credit Evaluation Policy

Transfer credit is generally accepted from regionally post-secondary accredited institutions, so long as similar credit is offered at the University of West Georgia. Credit earned at a non-regionally accredited institution may be reviewed on a case-by-case basis. The following stipulations on the evaluation of transfer credit will be upheld:

1. Undergraduate coursework may not substitute or transfer more than one level (e.g., a 1000-level course may not be substituted or accepted in transfer to replace a 3000level course or vice versa). In rare cases and for some disciplines, there may be alignment between the learning outcomes and rigor of a transferred course and a UWG course that is two levels higher or lower. UWG may allow an exception to this policy for such cases if approved by the program coordinator, department chair or equivalent administrator, and the institution's Chief Transfer Officer.
2. Academic credit allowed for work done at another institution within a given period of time may not exceed the normal amount of credit that could have been earned at this University during that time. Students are required to complete a minimum of 33 academic credit hours at UWG to satisfy academic residence, dependent upon degree requirements.
3. According to Board of Regents policy, if a student transfers to UWG with an A.A. or A.S. degree from an institution within the University System of Georgia, the student will receive full credit for having completed Core IMPACTS. If the major differs between the A.A. or A.S. degree program and the major the student decides to pursue at UWG, 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 to enroll in some higher-level courses in the program of study. If the student had College Algebra as a part of their A.A. or A.S. program, they would still receive credit for having completed the Math section of Core IMPACTS Area M of the Core, but they 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.

4. 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.
5. The Board of Regents and the Technical College System of Georgia have established the Complete College Georgia Articulation Agreement between USG institutions for the transferring of General Education Courses. UWG has created a more expansive agreement with West Georgia Technical College (see Transfer Equivalency Tool to view transferable courses).
6. A student that previously attended a non-regionally accredited institution will need to provide a course syllabus for the UWG department chair of the respective transferring course to review for possible UWG credit. The faculty credentials who taught the transferring course may be requested. There is no appeal beyond the department chair decision on UWG equivalents. Contact the Office of the Registrar for additional information.
7. Provided all other stipulations regarding transfer credits are met, UWG will grant transfer credit for all transferable courses with a grade of "D" or higher, except for ENGL 1101 and ENGL 1102, which require a minimum grade of "C". Not all transferable courses may be eligible to count in the degree program per program regulations (see specific degree program for more information). a. Examples of courses that are not transferable: practicums, fieldwork, workshops, internships, capstones, directed studies, upper-level seminars, career courses (i.e., cosmetology), developmental courses, and education extension and correspondence. b. Transfer course equivalencies may be viewed at http://westga.edu/transfer. Courses listed reflect results from previously reviewed transcripts and is not a formal evaluation of credits. An official transcript must be sent from each institution that a student has attended for transfer credits to be evaluated.
8. For transfer and Readmitted students admitted Fall 2020 or later who have repeated a transferable course at a previous post-secondary institution(s), only the highest grade will be transferred and calculated into the Transfer GPA. For transfer courses that are repeated at UWG, and a higher grade is achieved, the repeated transfer course will be excluded from the Transfer GPA. a. UWG students who are approved to convert to transient status, please refer to the Transient Student Status policy in this catalog for additional information.
9. A student who previously attended a regionally accredited institution of higher education and transfers to UWG may be eligible for Academic Renewal for coursework taken three or more years prior to the term of enrollment at UWG. Students have two options to apply for Academic Renewal: a. Contact Undergraduate Admissions during the admissions process. b. Contact Student Solutions by the end of their third semester of enrollment or by the end of one calendar year from enrollment or re-enrollment, whichever comes first.
10. Students who experience problems with the transfer of credit should contact the Office of the Registrar to determine the nature of the problem. If the problem is not resolved, students should contact the University Chief Transfer Officer in the Office of the Provost to seek resolution to the problems.
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.

Transient Student Status

Students wishing to complete classes at another college or university to count toward their degree at the University of West Georgia (UWG) must maintain good academic standing at UWG and hold active student status at UWG for the transient term. 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 Education Abroad. International students must also obtain the signature of the Director of International Student Admissions and Programs (ISAP). It is each student's responsibility to consult the Undergraduate Transfer Student Policy, Transfer Course Equivalency Tool on the Registrar's website, or contact the Registrar's Office to determine if the course will be accepted as transfer credit at UWG. If a student repeats an institutional course as a transient student and receives a higher grade in the transient course, the previous grade will be excluded from the institutional (UWG) GPA. The highest grade received will be the grade to count in the institutional or transfer GPA. Transient status is given for one semester at a time, and students must have the host institution send an official transcript of the completed coursework to the Registrar's Office at UWG to receive credit for the coursework. For final semester transient status restrictions, see Graduation Policies in the Undergraduate Catalog.

Two-Year College Graduates/Former Students

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. This is a one-time option. 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 of instructional time. 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

USG institutions shall give instruction in the history of the United States, in the history of Georgia, and in the essentials of the United States Constitution and the Constitution of Georgia. No undergraduate student shall receive a certificate of graduation or a degree without successfully completing coursework or passing a satisfactory examination on the history of the United States, the history of Georgia, and the provisions and principles of the United States Constitution and the Constitution of Georgia.

Students may meet these requirements by passing HIST 2111 or HIST 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 program and administered by Academic Testing Services. The Georgia Constitution requirement may also be satisfied by passing an examination developed by the Political Science Department and administered by the Testing Office.

Students transferring from a non-USG or a non-TCSG Georgia institution or attended an institution outside the state of Georgia who receives credit for HIST 2111 or HIST 2112 or POLS 1101 will not have satisfied the Georgia history and constitution requirements unless the course description/syllabus states that the GA history or constitution was part of the course. The same applies to students who earn credit for HIST 2111 or HIST 2112 or POLS 1101 through International Baccalaureate testing, AP testing, CLEP testing, or DSST testing. The Georgia history and constitution requirements can be satisfied by passing examinations administered each semester by the Academic Testing Office.

Complete 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.

The Vice President for Student Affairs & Enrollment Management may administratively withdraw a student from the University after consulting, when appropriate, with the student's parents or spouse, the Director of the Counseling Center and the University Physician. Such action is taken when it is determined that the student suffers from a physical, mental, emotional, or psychological health condition that (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.

Types of Complete Withdrawal:

Term Withdrawal

- Student will be awarded a withdrawal grade of W or WF in each course based on the withdrawal period deadline (See Registrar's Calendar).
- All W grades Will Count toward maximum withdrawals limit of six (6). o Student's account will remain active for one year from the term of the withdrawal.
- Student will need to meet with their academic advisor prior to the beginning of Open Registration for the desired term for returning to the University of West Georgia.
- Student will not be able to register until Open Registration begins (See Registrar's Calendar).

Formal Withdrawal

- Student will be awarded a withdrawal grade of W or WF in each course based on the withdrawal period deadline (See Registrar's Calendar).
- Student's account will be marked inactive.
- Student must apply for readmission to return to the University of West Georgia (Readmission policy).

Academic Programs and Units of Instruction

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

For information on the Degree Programs and Certificates offered by the University of West Georgia, please see Programs of Study.

Minors

For information on the Minors offered by the University of West Georgia, please see Programs of Study.

Professional Preparation Programs

Programs of study are available that prepare students to enter other institutions where they can complete their professional training after earning a bachelor's degree at UWG. 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. Professional preparation areas and the departments responsible for advising are listed below:

Course of Study	**See These Programs for More Information about courses of study and advising**
Engineering Pathways: Kennesaw, Mercer, Georgia Southern, Georgia Institute of Technology, University of Georgia	Physics, Chemistry, or Geology
Preparation for forestry	Biology
Preparation for law	Philosophy or Political Science
Preparation for medical professions including medicine, dentistry, dental hygiene, veterinary medicine, physical therapy, and physician's assistant	Biology or Chemistry
Preparation for pharmacy	Chemistry
Preparation for health professions including athletic training, dietetics, occupational therapy, and physical therapy	Sport Management, Wellness, and Physical Education

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 42 semester hours in the Core IMPACTS and 18 semester hours in the Field of Study.
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 2001 in a language other than English (FREN/GRMN/SPAN or the equivalent in another language); AND complete (FREN/GRMN/SPAN 2002 or the equivalent in another language) OR an approved 2000-level FORL course.
8. Satisfactorily complete POLS 1101 and HIST 2111 or HIST 2112.

Specific Requirements for Bachelor of Interdisciplinary Studies

1. Attain a minimum of 120 hours of academic college work in an approved program. The approved program must include 42 semester hours in the Core IMPACTS and 18 semester hours in the Field of Study. Completing Core IMPACTS Areas M & T option I for non-science major is acceptable.
2. Complete ENGL 1101 and ENGL 1102 with a grade of C or better.
3. A minimum of 39 semester hours of work in courses numbered 3000 or above. Twenty-four of these hours must be in the major field defined by the student's degree plan and twelve of these hours must be earned at West Georgia.
4. Thirty-three semester hours must be completed in residence, which must include XIDS 2000 , XIDS 3000 , and XIDS 4000 with a grade of C or better.
5. Fifteen of the thirty-three semester hours completed in residence must be in the senior year.
6. 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 (the major field defined by the degree plan).
7. Major courses are not to be taken by correspondence or extension. Not more than 30 hours of the program may be done by extension or correspondence.
8. A degree plan, developed in consultation and with the approval of a program committee, specifies each student's major field and must include at least 24 credit hours from the following: XIDS 3000 , XIDS 4000 , and at least nine credit hours (and no more than eighteen) of 3000/4000 level coursework from each of two grounding disciplines.
9. Students with 60 or more earned hours must have a signed degree plan. Transfer students with more than 60 hours must complete their degree plan by the end of the first term of enrollment in the degree program.
10. A minimum of three hours from one of the two disciplines identified in the degree plan as a grounding discipline must be earned at West Georgia.
11. Satisfactorily complete POLS 1101 and HIST 2111 or HIST 2112 .

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 42 semester hours in the Core IMPACTS and 18 semester hours in the Field of Study.
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 IMPACTS Areas M & T, if required.
7. Satisfactorily complete POLS 1101 and HIST 2111 or HIST 2112.
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 42 semester hours in the Core IMPACTS and 18 semester hours in the Field of Study.
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 POLS 1101 and HIST 2111 or HIST 2112.
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 42 semester hours in the Core IMPACTS and 18 semester hours in the Field of Study, 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-three hours must be completed in residence. Eighteen of these hours must be in the senior year.
4. Satisfactorily complete POLS 1101 and HIST 2111 or HIST 2112.
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 2.0 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 is 2.5.
9. Complete other requirements for the major as determined by the Department of Sport Management, Wellness, and Physical Education.

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 elementary education (grades P-5), a special education general curriculum/elementary education (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 120-124 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 42 semester hours in the Core IMPACTS and 18 semester hours in the Field of Study.
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 POLS 1101 and HIST 2111 or HIST 2112.
4. Thirty-three semester hours must be completed in residence.
5. Attain the admission requirements for the major (see Admission to Teacher Education Requirements).
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 Experiences prior to enrollment in the courses.
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 assessments for certification required by the Georgia Professional Standards Commission must be completed and passed before a candidate is eligible 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 42 semester hours in the Core IMPACTS and 18 semester hours in the Field of Study.
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 Field of Study. 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 POLS 1101 and HIST 2111 or HIST 2112.
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. In addition, students wishing to pursue a concentration in Composition must be approved through submission of a portfolio of at least two original compositions, totaling at least five minutes in length, including digital audio recordings such as smartphone or MIDI. Submission of scores is strongly encouraged.
2. A minimum of 120 semester hours of academic college work in an approved program.
3. Thirty-three hours must be completed in residence.

4. In the fall semester of the Freshman year, students must enroll in courses in Field of Study of the Core IMPACTS Curriculum: MUSC 1000 - Comprehensive Music Laboratory, MUSC 1301 - Music Theory I, MUSC 1401 - Aural Skills I, 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 I, 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, MUSC 1502, MUSC 2501, MUSC 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 in Art Degree

1. A minimum of 126 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 IMPACTS and 18 semester hours in the Field of Study, 15 semester hours in the departmental studio core, 6 hours of 3000 or above Art History, and 45 semester hours in the departmental concentration and electives.

   **(Exception- BFA in Art -Art Education requires a minimum of 132 total semester hours of academic college courses in the Department of Art program. The program includes 42 semester hours in the University Core Curriculum, 18 semester hours in the departmental core, 15 semester hours in the departmental studio core, 6 hours of 3000 or above Art History, 27 semester hours in the departmental concentration, and 24 hours in Professional Education. Admission to the Art Education Major requires a minimum GPA of 2.7, departmental approval, Admission to the Teacher Education program and a minimum GPA of 2.7 (including courses in the Core IMPACTS transferred from other institutions). Satisfactory completion of the GACE Content Assessments in Art is required for Georgia Teacher Certification.)

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. Nine hours in the area of concentration 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 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 POLS 1101 and HIST 2111 or HIST 2112.
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 an oral 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. Students wishing to take courses for less than 3 credit hours must obtain prior approval from the Director of the School of Visual and Performing Arts.
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 Director of the School of Visual and Performing Arts.
11. There is no Physical Education requirement, and Physical Education classes will not count as electives.

Specific Requirements for a Bachelor of Fine Arts Degree in Theatre Degree

1. A minimum of 120 total credit hours of academic college. The program includes 42 semester hours in the University Core Curriculum and 18 semester hours in the departmental core.
2. Freshman Theatre majors will be part of the Theatre ACCESS block in which they will take a prescribed course schedule totaling 32 credit hours their first two terms. Part of these course schedules for their first two semesters will include XIDS 2100, ENGL 1101 & ENGL 1102, MATH 1001, and two semesters of a language (French, Spanish, or German).
3. Students must earn a minimum score of 75% in their first 30 semester hours to continue in the BFA in Theatre program. Students will take a zero-credit jury course (THEA 2900) twice once they have completed 30 credit hours of course work with an overall GPA of 2.5, and an average GPA of 3.0 on their major courses. The first semester of this course will be a preparation for their auditions/juries, which will take place in the second semester of their sophomore year.
4. During the completion of the final year, BFA candidates will successfully present an audition or a portfolio of work to Theatre faculty, staff, and invited guests. This audition and portfolio will be reviewed by a BFA committee consisting of faculty from the Theatre Department.
5. 45-48 credit hours must be taken in a specific concentration of the BFA in Theatre, depending on the area (Acting or Design/Technology).
6. 30 credit hours must be taken in theatre support courses in each concentration area.
7. Thirty-three hours must be completed in residence.
8. Courses of variable credit must be taken for three hours per semester, with a minimum of fifteen credits in area of concentration. Students wishing to take courses for less than 3 credit hours must obtain prior approval from the Director of the School of Visual and Performing Arts.
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 advanced 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 Director of the School of Visual and Performing Arts.

Specific Requirements for a Nexus Degree

1. A minimum of 60 hours of academic college work in an approved program. The approved program must include 42 semester hours in the Core IMPACTS. A minimum of 18 credit-hours of coursework focusing on the skills and knowledge requirements of a major industry or field.
2. A minimum of 12 semester hours of work in courses numbered 3000 or above. At least six-credit hours required in an apprenticeship or clinical model such as those used for preparation in the healthcare professions. The experiential learning opportunity will be in a real or simulated environment. All placements will be supervised by a person employed at the company and by a faculty or staff member at the institution.
3. Fifteen semester hours must be completed in residence.
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. Complete other requirements for the major listed by the department.
6. Satisfactorily complete POLS 1101 and HIST 2111 or HIST 2112.

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 University of 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 IMPACTS requirements of University 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.

Study Abroad and Resident Credit

Students shall receive resident credit for University-sponsored studies abroad programs (including short-term and semester exchange programs) for which course registration and fee payment are effected through the University.

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.

Certificates/Minors

Minor

A minor is a group of academic courses that complement the student's degree program. They give the student the opportunity to gain limited knowledge of a specific subject area and therefore supplements the academic study. The minor is not a stand-alone program and can only be awarded in conjunction with a undergraduate degree program. Students may not re-enroll to complete a minor without completing a undergraduate degree program concurrently. At the completion of the degree program requirements, a minor is not displayed on the diploma, but is notated on the official transcript.

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 IMPACTS may not be counted.
4. Courses taken in the Field of Study, which are not in the major, may also be counted, in a minor.
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.
7. Minors are not stand-alone programs and are only awarded in conjunction with a undergraduate degree. After graduation, students may not re-enroll to complete a minor without completing an additional undergraduate degree concurrently.
8. Students may not seek a minor with the same title as their major or concentration.
9. In conjunction with a completed undergraduate degree program, minors will be listed on the official academic transcript, but not the official diploma.

Embedded Certificates:

Embedded certificates are those certificates where the courses required to earn the certificate are embedded into a major or degree program and are only awarded at the completion of a specific degree program. These certificates are intended to encourage students to use the elective requirements in their degree program to form a coherent concentration of coursework in a specified area.

Specific Requirements for Embedded Certificates

1. Embedded certificates are not a stand-alone program; students must be enrolled in the major, minor, or degree program in which the certificate is embedded. Embedded certificates are only awarded in conjunction with the completion of a degree.
2. Students are required to declare their intent to pursue an embedded certificate. Students must declare their intention to pursue an embedded certificate to the department that offers the certificate prior to or in conjunction with applying for graduation and should also notify their academic advisor to assure proper academic advising.
3. Complete a minimum of 9 semester hours of required coursework for the approved embedded certificates.
4. A minimum of 6 semester hours of the courses must be numbered 3000 and above.
5. All credit-bearing courses applied towards the embedded certificate will also fulfill and share with any other requirement for the student's degree.
6. Students must attain a minimum grade point average of 2.0 in courses used to satisfy the embedded certificate.
7. In conjunction with a completed degree program, embedded certificates will be listed on the official academic transcript.

Stand Alone Certificates:

Stand-Alone Certificates: Stand-alone certificates are those certificates that comprise a prescribed program of study that may or may not be associated with a degree, major or minor. These certificates represent a cohesive program of study of a smaller size than a degree program and provide more flexibility to those looking to pursue continued education, including a means for professionals to renew and retrain due to an ever-changing workforce.

Specific Requirements for Stand-Alone Certificates

1. Students must be admitted into a stand-alone certificate program by meeting the minimum requirements set forth by the certificate program.
2. Students may enroll in conjunction with a degree program or as a non-degree seeking student.
3. Unless otherwise stated in the certificate program of study, all courses applied towards the standalone certificate will also fulfill and share with any other requirement for the student's degree.
4. Complete greater than 9 semester hours of required coursework for the approved certificate program.
5. A minimum of 6 semester hours must be numbered 3000 and above.
6. Students must attain a minimum grade point average of 2.0 in courses used to satisfy the certificate.
7. Students are required to apply to graduate with stand-alone certificates through the Office of the Registrar and by the Graduation Application Deadlines outlined in this catalog. Students who are concurrently pursuing a stand-alone certificate and a degree must apply to graduate at the same time as their degree. Students may graduate with their degree and re-admit as a non-degree seeking student to complete requirements for a stand-alone certificate.
8. Students who are awarded a stand-alone certificate will have their accomplishment noted on their official academic transcript and will receive a certificate of completion.

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 Theatre major under the BA degree) by completing all major requirements and all Core IMPACTS requirements specific to each major, including the Field of Study 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 for further information.

Requirements for Two Different Undergraduate Degrees Awarded during the Same Semester

Students who wish to earn two different baccalaureate degrees awarded in the same semester (example, a BA degree and a BS degree; or a BA degree and a Nexus degree) must:

1. Complete all major requirements and all Core IMPACTS Area requirements specific to each degree, including the Field of Study requirements for both majors.
2. The Second Degree will satisfy the requirement for a minor if either major requires a minor.

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.

Accelerated Bachelor's to Master's Degree Pathway

The Accelerated Bachelor's to Master's (ABM) degree pathway at the University of West Georgia enables outstanding undergraduate students to begin earning credit toward a master's degree while completing their bachelor's degree. This pathway allows students to count up to 12 credit hours toward both degrees, offering significant cost savings and a shorter time to complete the master's degree. Please access the Graduate Catalog for more information.

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 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 Education

College of Humanities, Arts, and Social Sciences

College of Mathematics, Computing, and Sciences
Richards College of Business

School of Communication, Film, and Media
Tanner Health System School of Nursing

University College

Core IMPACTS General Education Requirements

The Core IMPACTS General Education Requirements 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 IMPACTS 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.

Core IMPACTS General Education Requirements

Core IMPACTS General Education Requirements: (42 Hours)

The UWG core curriculum, Core IMPACTS, is designed to ensure that students acquire essential knowledge in foundational academic areas and develop career-ready competencies that prepare them for their major and future professional career. IMPACTS is an acronym for the seven required areas of the general education curriculum:

Institutional Priorities

Mathematics and Quantitative Skills

Political Science and U.S. History (Citizenship)

Arts and Humanities

Communicating in Writing

Technology, Mathematics & Sciences (STEM)

Social Sciences

The Core IMPACTS framework establishes common University System of Georgia (USG) system-wide Learning Outcomes and Career-Ready Competencies for each area, ensuring that courses completed in an area at one institution or through eCore are fully transferable to the same area at any other USG institution. Throughout the USG, the core curriculum consists of 42 credit hours. Students must complete courses and the required number of credit hours in each of the seven core IMPACTS areas. The core IMPACTS areas and courses are described below.

Core IMPACTS Area I - Institutional Priorities: (4-5 credit hours)

Courses in this area will encourage students to explore this Orienting Question:

- How does my institution help me to navigate the world?

Courses in this area will help students achieve the following Learning Outcome:

- Students will demonstrate the ability to think critically and solve problems related to academic priorities at their institution.

Courses in this area will help students understand and practice the following Career-Ready Competencies:

- Critical Thinking
- Teamwork
- Time Management

NOTE: Students take one course from Section 1, and any combination of courses from Section 2 to fulfill the total number of required hours. Science majors are advised to complete 4 credit hours in this area, and non-science majors are advised to complete 5 credit hours in this area in order to fulfill the 42 required hours in Core IMPACTS.

Section 1 - Written and Oral Communication: (3 credit hours)

One of the following is required of all majors. Choose from the following:

- ART 2000 - Oral Communication and the Visual Arts 3 Credit Hours
- ANTH 1101 - Voices of Culture 3 Credit Hours
- COMM 1100 - Human Communication 3 Credit Hours
- COMM 1110 - Public Speaking 3 Credit Hours
- ENGL 2000 - American Speech 3 Credit Hours
- ENGL 2050 - Self-Staging: Oral Communication in Daily Life 3 Credit Hours **(or)**
- THEA 2050 - Self-Staging: Oral Communication in Daily Life 3 Credit Hours

- FREN 1001 - Elementary French I 3 Credit Hours
- GRMN 1001 - Elementary German I 3 Credit Hours
- SPAN 1001 - Elementary Spanish I 3 Credit Hours
- FREN 1002 - Elementary French II 3 Credit Hours
- GRMN 1002 - Elementary German II 3 Credit Hours
- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- PHIL 2020 - Critical Thinking 3 Credit Hours

Section 2 - Other Institutional Options

Non-science majors are advised to complete 2 credit hours and science majors are advised to complete a minimum of 1 credit hour from this section.

Institutional Elective, choose from the following:

- ANTH 1100 - Faces of Culture 2 Credit Hours
- BUSA 1900 - Surfing the Internet for Success 2 Credit Hours
- CS 1000 - Practical Computing 1 Credit Hours
- LIBR 2100 - Information Literacy and Research 2 Credit Hours
- MUSC 1110 - Survey of World Music 2 Credit Hours
- XIDS 2001 - What do you really know about: XXX (Special Topics) 1 Credit Hours
- XIDS 2002 - What do you really know about: xx (Special Topics) 2 Credit Hours

Core IMPACTS Area M - Mathematics and Quantitative Skills: (3 credit hours)

Courses in this area will encourage students to explore this Orienting Question:

- How do I measure the world?

Courses in this area will help students achieve the following Learning Outcome:

- Students will apply mathematical and computational knowledge to interpret, evaluate, and communicate quantitative information using verbal, numerical, graphical, or symbolic forms.

Courses in this area will help students understand and practice the following Career-Ready Competencies:

- Information Literacy
- Inquiry and Analysis
- Problem-Solving

Choose one of the following based on major:*

- MATH 1001 - Quantitative Skills and Reasoning 3 Credit Hours
- MATH 1101 - Introduction to Mathematical Modeling 3 Credit Hours
- MATH 1111 - College Algebra 3 Credit Hours
- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours **
- MATH 1401 - Elementary Statistics 3 Credit Hours
- MATH 1634 - Calculus I 4 Credit Hours **

Note

** Science, computer science, mathematics, mathematics education, and science education majors are advised to take MATH 1113 or higher in order to complete major requirements. Nursing majors are advised to take MATH 1001 or MATH 1111. Engineering majors are advised to take MATH 1634. Business majors are advised to take either MATH 1111 or MATH 1113.*

*** Since only three hours are required here in this area, the extra hour earned by taking this course may be used in the Field of Study according to most degree programs, but, for certainty, the student should always check the specifics listed in the description of the degree program.*

Core IMPACTS Area P - Political Science and U.S. History (Citizenship): (6 credit hours)

Courses in this area will encourage students to explore this Orienting Question:

• How do I prepare for my responsibilities as an engaged citizen?

Courses in this area will help students achieve the following Learning Outcome:

- Students will demonstrate knowledge of the history of the United States, the history of Georgia, and the provisions and principles of the United States Constitution and the Constitution of Georgia.

Courses in this area will help students understand and practice the following Career-Ready Competencies:

- Critical Thinking
- Intercultural Competence
- Persuasion

American / United States History: (3 credit hours)

1. One required from the following two courses:

- HIST 2111 - U S History I (to 1865) 3 Credit Hours
- HIST 2112 - U S History II (since 1865) 3 Credit Hours

American / Georgia Government: (3 credit hours)

2. The following course is required:

- POLS 1101 - American Government 3 Credit Hours

Core IMPACTS Area A - Arts, Humanities & Ethics (Humanities): (6 credit hours)

Courses in this area will encourage students to explore this Orienting Question:

- How do I interpret the human experience through creative, linguistic, and philosophical works?

Courses in this area will help students achieve the following Learning Outcome:

- Students will effectively analyze and interpret the meaning, cultural significance, and ethical implications of literary/philosophical texts or of works in the visual/performing arts.

Courses in this area will help students understand and practice the following Career-Ready Competencies:

- Ethical Reasoning
- Information Literacy
- Intercultural Competence

Choose one from each category.*

**XIDS 2100 is listed in both categories below but it may be counted only once in this Core IMPACTS area.*

Fine Arts: One course required from the list below: (3 credit hours)

- XIDS 2100 - Arts and Ideas: Special Topics 3 Credit Hours
- ART 1201 - Introduction to Art 3 Credit Hours
- ART 2201 - History of World Art I 3 Credit Hours
- ART 2202 - History of World Art II 3 Credit Hours
- FILM 2080 - Introduction to the Art of Film 3 Credit Hours
- MUSC 1100 - Music Appreciation 3 Credit Hours
- MUSC 1120 - Survey of Jazz, Rock, and Popular Music 3 Credit Hours
- THEA 1100 - Theatre Appreciation 3 Credit Hours

Humanities: One course required from the list below: (3 credit hours)

- XIDS 2100 - Arts and Ideas: Special Topics 3 Credit Hours
- COMM 1154 - Introduction to Mass Communications 3 Credit Hours
- ENGL 2110 - World Literature 3 Credit Hours
- ENGL 2120 - British Literature 3 Credit Hours
- ENGL 2130 - American Literature 3 Credit Hours
- ENGL 2180 - Studies in African-American Literature 3 Credit Hours
- ENGL 2190 - Studies in Literature by Women 3 Credit Hours
- FREN 1001 - Elementary French I 3 Credit Hours
- GRMN 1001 - Elementary German I 3 Credit Hours
- SPAN 1001 - Elementary Spanish I 3 Credit Hours
- FREN 1002 - Elementary French II 3 Credit Hours
- GRMN 1002 - Elementary German II 3 Credit Hours
- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
- FREN 2002 - Intermediate French II 3 Credit Hours
- GRMN 2002 - Intermediate German II 3 Credit Hours
- SPAN 2002 - Intermediate Spanish II 3 Credit Hours
- FORL 2200 - Survey of National Literatures 3 Credit Hours
- FORL 2300 - Topics in National Literatures 3 Credit Hours
- PHIL 2010 - Introduction to Philosophy 3 Credit Hours
- PHIL 2030 - Introduction to Ethics 3 Credit Hours

Core IMPACTS Area C - Communicating in Writing: (6 credit hours)

Courses in this area will encourage students to explore this Orienting Question:

- How do I write effectively in different contexts?

Courses in this area will help students achieve the following Learning Outcomes:

- Students will communicate effectively in writing, demonstrating clear organization and structure, using appropriate grammar and writing conventions.
- Students will appropriately acknowledge the use of materials from original sources.
- Students will adapt their written communications to purpose and audience.

- Students will analyze and draw informed inferences from written texts.

Courses in this area will help students understand and practice the following Career-Ready Competencies:

- Critical Thinking
- Information Literacy
- Persuasion

Both Required:

- ENGL 1101 - English Composition I 3 Credit Hours
- ENGL 1102 - English Composition II 3 Credit Hours

Core IMPACTS Area T - Technology, Mathematics, and Sciences (STEM): (10-11 credit hours)

Courses in this area will encourage students to explore this Orienting Question:

- How do I ask scientific questions or use data, mathematics, or technology to understand the universe?

Courses in this area will help students achieve the following Learning Outcome:

- Students will use the scientific method and laboratory procedures or mathematical and computational methods to analyze data, solve problems, and explain natural phenomena.

Courses in this area will help students understand and practice the following Career-Ready Competencies:

- Inquiry and Analysis
- Problem-Solving
- Teamwork

Students are strongly encouraged to consult the specific requirements listed in the description of their specific degree program listed in this catalog and to consult their advisor to fulfill this Core IMPACTS area. Failure to do so may lengthen the time to graduation.

1. Science Courses: (7-8 credit hours)

A course listed 3+1 below may be taken without the lab component to be used as a non-lab option here.

Science majors are advised to take two laboratory science courses with the corresponding lab for 8 credit hours.

Nursing majors are advised to take a two-semester laboratory science sequence for 8 credit hours from among the following options: BIOL 1107/L and BIOL 1108/L or CHEM 1151/L and CHEM 1152/L or CHEM 1211/L CHEM 1212/L or PHYS 1111/L and PHYS 1112/L.

Take two from the list below, at least one of which must be a lab class:

- ANTH 1105 - Introduction to Biological Anthropology 3 Credit Hours
- ASTR 2313 - Astronomy 3 Credit Hours
- ASTR 2313L - Astronomy Laboratory 1 Credit Hours
- BIOL 1010 - Fundamentals of Biology 3 Credit Hours
- BIOL 1010L - Fundamentals of Biology Laboratory 1 Credit Hours
- BIOL 1010K - Fundamentals of Biology with Lab 4 Credit Hours
- BIOL 1012 - Ecology and Environmental Biology 3 Credit Hours
- BIOL 1013 - Biology of AIDS and Infectious Disease 3 Credit Hours
- BIOL 1014 - Nutrition 3 Credit Hours
- BIOL 1015 - The Unseen World of Microbes 3 Credit Hours
- BIOL 1107 - Principles of Biology I 3 Credit Hours
- BIOL 1107L - Principles of Biology I Laboratory 1 Credit Hours
- BIOL 1108 - Principles of Biology II 3 Credit Hours
- BIOL 1108L - Principles of Biology II Laboratory 1 Credit Hours
- CHEM 1100 - Introductory Chemistry 3 Credit Hours
- CHEM 1100L - Introductory Chemistry Laboratory 1 Credit Hours
- CHEM 1151 - Survey of Chemistry I 3 Credit Hours
- CHEM 1151L - Survey of Chemistry I Lab 1 Credit Hours
- CHEM 1152 - Survey of Chemistry II 3 Credit Hours
- CHEM 1152L - Survey of Chemistry II Lab 1 Credit Hours
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211K - Principles of Chemistry I and Lab 4 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212K - Principles of Chemistry II and Lab 4 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
- CHEM 1230K - Accelerated Principles of Chemistry 4 Credit Hours
- GEOG 1111 - Introduction to Physical Geography 3 Credit Hours
- GEOG 1112 - Weather and Climate 3 Credit Hours
- GEOG 1112L - Weather and Climate Laboratory 1 Credit Hours
- GEOG 1113 - Landform Geography 3 Credit Hours
- GEOG 1113L - Landform Geography Laboratory 1 Credit Hours
- GEOG 2202 - Environmental Science 3 Credit Hours
- GEOG 2202L - Environmental Science Lab 1 Credit Hours
- GEOG 2553 - Introduction to GIS and Mapping Sciences 3 Credit Hours
- GEOL 1121 - Exploring Earth 3 Credit Hours
- GEOL 1121L - Exploring Earth Laboratory 1 Credit Hours
- GEOL 1122 - Earth and Life Through Time 3 Credit Hours
- GEOL 1122L - Earth and Life Through Time Laboratory 1 Credit Hours
- GEOL 1123 - Environmental Observations 3 Credit Hours
- GEOL 1123L - Environmental Observations Laboratory 1 Credit Hours
- GEOL 2503 - Introduction to Oceanography 3 Credit Hours
- GEOL 2523 - Age of Dinosaurs 3 Credit Hours
- GEOL 2553 - Geology of the National Parks 3 Credit Hours
- PHYS 1111 - Introductory Physics I 3 Credit Hours
- PHYS 1111L - Introductory Physics I Laboratory 1 Credit Hours
- PHYS 1112 - Introductory Physics II 3 Credit Hours

- PHYS 1112L - Introductory Physics II Laboratory 1 Credit Hours
- PHYS 2211 - Principles of Physics I 3 Credit Hours
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
- PHYS 2212 - Principles of Physics II 3 Credit Hours
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours
- XIDS 2202 - Environmental Studies 3 Credit Hours

2. Mathematics, Science, and Quantitative Technology Courses: (3-4 credit hours)

Take any one from the list below or the list above as long as no more than two of the three courses in this IMPACTS area are from the same discipline.

Mathematics, computer science, and most science majors are advised to take MATH 1634. Engineering majors are advised to take MATH 2644.

Nursing majors are advised to take MATH 1401.

- CS 1030 - Introduction to Computer Concepts 3 Credit Hours
- CS 1300 - Introduction to Computing 4 Credit Hours
- DATA 1501 - Introduction to Data Science 3 Credit Hours
- MATH 1401 - Elementary Statistics 3 Credit Hours
- MATH 1413 - Survey of Calculus 3 Credit Hours
- MATH 1634 - Calculus I 4 Credit Hours
- MATH 2644 - Calculus II 4 Credit Hours

Core IMPACTS Area S - Social Sciences: (6 credit hours)

Courses in this area will encourage students to explore this Orienting Question:

- How do I understand human experiences and connections?

Courses in this area will help students achieve the following Learning Outcome:

- Students will effectively analyze the complexity of human behavior, and how historical, economic, political, social, or geographic relationships develop, persist, or change.

Courses in this area will help students understand and practice the following Career-Ready Competencies:

- Intercultural Competence
- Perspective-Taking
- Persuasion

1. World History

One course required from the following two courses: (3 credit hours)

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

2. Social Science Elective Courses

One course required from the following courses: (3 credit hours)

- ANTH 1004 - Introduction to Archaeology 3 Credit Hours
- ANTH 1102 - Introduction to Anthropology 3 Credit Hours
- CRIM 1100 - Introduction to Criminal Justice 3 Credit Hours
- ECON 2100 - Economics for Everyone 3 Credit Hours
- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
- ECON 2106 - Principles of Microeconomics 3 Credit Hours
- GEOG 1013 - World Geography 3 Credit Hours
- GEOG 2503 - Cultural Geography 3 Credit Hours
- PHIL 2130 - Introduction to World Religions 3 Credit Hours
- POLS 2201 - State and Local Government 3 Credit Hours
- PSYC 1101 - Introduction to General Psychology 3 Credit Hours
- SOCI 1101 - Introductory Sociology 3 Credit Hours
- SOCI 1160 - Introduction to Social Problems 3 Credit Hours
- XIDS 2300 - Interdisciplinary Studies in Social Sciences 3 Credit Hours
- XIDS 2301 - Introduction to Global Studies 3 Credit Hours

Field of Study: (18 credit hours)

Courses applicable to the degree and major

(See Field of Study of specific major program)

Note

Students whose native language is Spanish (both those from international countries as well as native speakers of Spanish who are residents of the United States) 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

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, or substitution, are listed below. These courses are equivalent or a substitution and are accepted as transfer credit by most all USG institutions to satisfy core requirements or prerequisites required for a particular major in a specific program. If you have questions about how an eCore course will apply to your program of study, please consult with your program advisor.

eCore Course Title	Hours	UWG Equivalent Title
ARTS 1100 - Art Appreciation	3	ART 1201 - Introduction to Art
BIOL 1011K - Introductory Biology & Lab	4	BIOL 1010 - Fundamentals of Biology and Lab
BIOL 1012K - Introductory Biology II and LAB	4	No equivalent
CHEM 1211K - Principles of Chemistry I and Lab	4	CHEM 1211 Principles of Chemistry I and Lab
CHEM 1212K - Principles of Chemistry II and Lab	4	CHEM 1212 - Principles of Chemistry II and Lab
COMM 1100 - Human Communication	3	No equivalent
ECON 2105 Principles of Macroeconomics	3	ECON 2105 Principles of Macroeconomics
ENGL 1101 - English Composition I	3	ENGL 1101 - English Composition I
ENGL 1102 - English Composition II	3	ENGL 1102 - English Composition II
ENGL 2111 - World Literature I*	3	ENGL 2110 - World Literature
ENGL 2112 - World Literature II*	3	ENGL 2112 - World Literature II
ENGL 2131 - American Literature I**	3	ENGL 2130 - American Literature
ENGL 2132 - American Literature II**	3	ENGL 2130 - American Literature
ENVS 2202 - Environmental Science	3	GEOG 2202 - Environmental Science
ETEC 1101 - Electronic Technology in the Educational Environment	3	No equivalent
GEOL 1121K - Introductory Geosciences I	4	GEOL 1121 - Exploring Earth and Lab
HIST 1111 - Survey of World History/Civilization I	3	HIST 1111 - Survey of World History/Civilization I
HIST 1112 Survey of World History/Civilization II	3	HIST 1112 Survey of World History/Civilization II
HIST 2111 - U S History I (to 1865)	3	HIST 2111 - U S History I (to 1865)
HIST 2112 - U S History II (since 1865)	3	HIST 2112 - U S History II (since 1865)

MATH 1001 - Quantitative Skills and Reasoning	3	MATH 1001 - Quantitative Skills and Reasoning
MATH 1101 - Introduction to Mathematical Modeling	3	No equivalent
MATH 1111 - College Algebra	3	MATH 1111 - College Algebra
MATH 1113 - Precalculus	3	MATH 1113 - Precalculus
MATH 1401 - Elementary Statistics	3	MATH 1401 - Elementary Statistics
MATH 1501 - Calculus I	3	MATH 1634 - Calculus I
MUSC 1100 - Music Appreciation	3	MUSC 1100 - Music Appreciation
PHIL 2010 - Introduction to Philosophy	3	PHIL 2010 - Introduction to Philosophy
PHYS 2211K - Principles of Physics I w/lab	4	PHYS 2211 - Principles of Physics I & Lab
PHYS 2212K - Principles of Physics II w/lab	4	PHYS 2212 - Principles of Physics II & Lab
POLS 1101 - American Government	3	POLS 1101 - American Government
PSYC 1101 - Introduction to General Psychology	3	PSYC 1101 - Introduction to General Psychology
SOCI 1101 - Introductory Sociology	3	SOCI 1101 - Introductory Sociology
SPAN 2001 - Intermediate Spanish I	3	SPAN 2001 - Intermediate Spanish I
SPAN 2002 - Intermediate Spanish II	3	SPAN 2002 - Intermediate Spanish II

*Students need only ENGL 2111 or ENGL 2112 to receive credit for ENGL 2110
**Students need only ENGL 2131 or ENGL 2132 to receive credit for ENGL 2130

Programs of Study

Bachelor of Art

- Art, B.A.
- English, B.A.
- English, B.A. (Accelerated Bachelors to Masters (ABM) in English Education Track)
- English, B.A. (Accelerated Bachelors to Masters (ABM) Track)
- English, B.A. (Secondary Education Track)
- History, B.A.
- History, Secondary Education Certification, B.A.
- International Economic Affairs, B.A.
- International Languages and Cultures, Certification Track (French or Spanish), B.A.
- International Languages and Cultures, French Track, B.A.
- International Languages and Cultures, German Track, B.A.
- International Languages and Cultures, Spanish Track, B.A.
- Philosophy, B.A.
- Philosophy, Religion Track, B.A.
- Theatre, B.A.

Bachelor of Business Administration

- Accounting, B.B.A.
- Data Intelligence and Business Analytics, B.B.A.
- Economics, B.B.A.
- Finance, B.B.A.
- Management Information Systems, B.B.A.
- Management, B.B.A.
- Marketing, B.B.A.

Bachelor of Fine Arts

- Art, Art Education, B.F.A.
- Art, B.F.A.
- Theatre with Concentrations in Acting, Design/Technology, and Generalist, B.F.A.

Bachelor of Interdisciplinary Studies

- Interdisciplinary Studies, B.I.S.

Bachelor of Music

- Composition, Principal-Applied Area: Keyboard, String, Or Guitar, B.M.
- Composition, Principal-Applied Area: Voice, B.M.
- Composition, Principal-Applied Area: Woodwind, Brass, Or Percussion, B.M.
- Music Education, Option: Keyboard, String, & Guitar, B.M.
- Music Education, Option: Voice, B.M.
- Music Education, Option: Woodwind, Brass, & Percussion, B.M.
- Performance, Emphasis in Piano Pedagogy, B.M.
- Performance, Keyboard Option, B.M.
- Performance, Option: String & Guitar, B.M.
- Performance, Option: Voice, B.M.

- Performance, Option: Woodwind, Brass, & Percussion, B.M.

Bachelor of Science

- Anthropology, B.S.
- Biology, B.S.
- Biology, Professional Preparation Track, B.S.
- Chemistry, ACS Track - B.S.
- Chemistry, Non-ACS Track - Business Option, B.S.
- Chemistry, Non-ACS Track - General Option, B.S.
- Chemistry, Non-ACS Track - Professional Preparation Option, B.S.
- Chemistry, Non-ACS Track - Secondary Education Option, B.S.
- Computer Science, B.S.
- Computing, B.S.
- Criminal Justice, B.S.
- Criminology and Criminal Justice, B.S.
- Earth and Environmental Sciences, B.S.
- Economics, B.S.
- Film & Video Production, B.S.
- Geography, B.S.
- Health and Community Wellness, B.S.
- Mass Communications, B.S.
- Mathematics, B.S.
- Organizational Leadership, B.S.
- Physics Major with a Pathway to MAT, B.S.
- Physics, Astronomy Concentration, B.S.
- Physics, Battery Technology and Sustainable Energy Concentration, B.S.
- Physics, Plan A, Physics General Track, B.S.
- Physics, Plan B (Engineering Dual Degree), B.S.
- Physics, Plan C - Physics with a Concentration in Business, B.S.
- Physics, Plan E - Computational Physics Emphasis, B.S.
- Physics, Plan F - Electro-Optics Emphasis, B.S.
- Physics, Plan G - Solid State Emphasis, B.S.
- Political Science, B.S.
- Psychology, B.S.
- Social and Behavioral Health, B.S.
- Sociology, B.S.
- Sport Management, B.S.

Bachelor of Science in Education

- Elementary Education, B.S.Ed.
- Physical Education, B.S.Ed.
- Special Education, B.S.Ed.
- Speech-Language Pathology, B.S.Ed.

Bachelor of Science in Nursing

- Nursing, Pre-licensure Track, Carrollton, BSN
- Nursing, Pre-Licensure Track, Newnan, BSN
- Nursing, RN to BSN Track, BSN

Embedded Certificates

- Embedded Certificate in Advertising Program
- Embedded Certificate in Atmospheric Science
- Embedded Certificate in Cultural Heritage Management
- Embedded Certificate in Data Analytics (DAC)
- Embedded Certificate in Data Science
- Embedded Certificate in DSW
- Embedded Certificate in Forensic Science
- Embedded Certificate in Global and Comparative Studies
- Embedded Certificate in Global Studies
- Embedded Certificate in Health and Society
- Embedded Certificate in Human Rights Advocacy
- Embedded Certificate in International Business
- Embedded Certificate in Juvenile Justice and Rehabilitation
- Embedded Certificate in Microbiology
- Embedded Certificate in Power Up for 30
- Embedded Certificate in Prisoner Reentry and Community Corrections
- Embedded Certificate in Public History
- Embedded Certificate in Publishing and Editing
- Embedded Certificate in Real Estate Appraisal
- Embedded Certificate in Real Estate Brokerage
- Embedded Certificate in Sales Program
- Embedded Certificate in Social Diversity
- Embedded Certificate in Social Science Research Skills
- Embedded Certificate in Social Services
- Embedded Certificate in Sustainable Business
- Embedded Certificate in Wildlife Ecology

Stand Alone Certificates

- Certificate of Less than One Year in Arts Management
- Certificate of Less than One Year in Communication in the Workplace
- Certificate of Less than One Year in Ethics
- Certificate of Less than One Year in Global Languages and Cultures
- Certificate of Less than One Year in Health Communication
- Certificate of Less than One Year in Jazz Studies
- Certificate of Less than One Year in Latin American, Caribbean, and Latinx Studies
- Certificate of Less than One Year in Musical Theatre
- Certificate of Less than One Year in Stream Restoration
- Certificate of Less than One Year in Victim Services

Minor

- Accounting Minor
- Africana Studies Minor
- Anthropology Minor
- Art History Minor
- Art Minor
- Asian Studies Minor
- Biology Minor
- Business Administration Minor
- Business Systems and Analytics Minor
- Chemistry Minor

- Classical Studies Minor
- Coaching Minor
- Communication Studies Minor
- Computer Science Minor
- Creative Writing Minor
- Criminology Minor
- Cyber Security and Networking Minor
- Economics Minor
- Entrepreneurship and Small Business Management Minor
- Environmental Studies Minor
- Film & Video Production Minor
- Film Studies Minor
- Finance Minor
- Gender and Sexuality Studies Minor
- Geographic Information Systems Minor
- Geography Minor
- Geology Minor
- Health & Community Wellness Minor
- History Minor
- Human Resource Management Minor
- International Languages and Cultures, Minor in French, German, Spanish
- Latin American Studies Minor
- Literature Minor
- Management Information Systems (MIS) Minor
- Management Minor
- Marketing Minor
- Mass Communications Minor
- Mathematics Minor
- Music Minor
- Nutrition Promotion and Education Minor
- Philosophy Minor
- Physics Minor
- Political Science Minor
- Psychology Minor
- Public Administration Minor
- Public Service, Minor
- Real Estate Minor
- Religion Minor
- Sociology Minor
- Sport Management Minor
- Supply Chain Management Minor
- Theatre Minor
- Women's Studies Minor

Pre-Professional Studies

- Pharmacy

Other

- Preparation for Law School

Nexus

- Computing, Nexus
- Digital Entertainment, Esports, and Game Development, Nexus
- Film & Television Production, Nexus
- Supply Chain Management, Nexus

College of Education

Mike L Dishman, Dean

678-839-6570
https://www.westga.edu/education/

College of Education Mission

Locally connected and globally relevant, the Mission of the College of Education is to prepare graduates for professional careers in diverse settings within three dynamic areas of focus: *Teaching, Leadership, and Wellness*. With programs that range from undergraduate through doctoral study, the College of Education is committed to excellence in pedagogy, professional service, engaged partnerships, and applied research.

College of Education Vision

The College of Education at the University of West Georgia will be recognized for *Innovation in Teaching, Leadership, and Wellness*, with programs designed to transform lives and contribute to 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 induction certificate in the following teaching fields:

1. Elementary Education (Grades P-5)
2. Special Education General Curriculum/Elementary Education (Grades P-5)
3. Secondary Education (Grades 6-12), with these majors:

    English

    History

4. All level Fields (Grades P-12)

    Art Education

French

Health and Physical Education

Music Education

Spanish

Special Education - Adapted Curriculum

Special Education - General Curriculum

The teacher education programs in Elementary Education, Special Education General Curriculum/Elementary Education, 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 interdepartmental basis. The student completes the requirements for a Bachelor of Fine Arts, Bachelor of Arts, 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 an induction level four certificate in Georgia.

Georgia House Bill 671 requires that after July 1, 1976, any person certified as a teacher should have completed satisfactorily requirements in the identification and education of children who have special needs.

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 receipt of induction 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.

Admission to Teacher Education

Admission to the teacher education program is a prerequisite to enrollment in professional education courses. Admission to the program is based on meeting specific qualifications. Application instructions will be provided to students once qualifications have been met.

Eligibility

Eligibility requirements for admission to teacher education for undergraduate programs include the following:

1. Completion of all Core IMPACTS and Field of Study Areas.
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, Elementary, Secondary, and Special Education.
3. Proficiency in oral communication as demonstrated by a grade of C or higher in any oral communication course found in Core IMPACTS Area I, Section 1 - Written and Oral Communication.
4. Completion of the GACE Ethics for Teachers (Test Code 351).
5. Successful completion of Field of Study courses with grades of C or higher.

6. Satisfactory completion of the physical education requirement of the college from which the candidate will graduate.
7. Completion of any other additional requirements specified by individual departments, e.g., a departmental interview.

Candidates who were previously enrolled, but have not been in attendance for two semesters must apply for readmission with the Registrar's Office and with the College of Education. Students must meet current Teacher Education requirements.

Retention

In addition to the specific requirements for admission to teacher education, candidates must meet the following requirements for retention in teacher education programs.

1. Demonstrate knowledge, skills, and dispositions appropriate for the various stages of their preparation program.

2. Maintain the minimum overall GPA required for admission to the particular program.

3. Earn a grade of C or higher in all professional education courses, teaching field courses, and supporting courses for the teaching field. Students who fail to make a C or higher can move forward with approval of the Department Chair except in cases where prerequisites have not been met.

4. Earn a grade of B or higher in SPED 3713/SPED 3700 (Special Education program only) or SPED 3715 or department approved alternative to meet the special education requirement of Georgia House Bill No. 671.

5. Successfully complete all clinical and/or field experiences undertaken prior to the next step in the sequence, including exhibiting responsible professional dispositions at the field placement sites and in interactions with peers, faculty, students, and parents.

6. Exhibit professional conduct as outlined in the Code of Ethics adopted by the Georgia Professional Standards Commission.

Education Program Completion Requirements

Candidates are eligible for the Georgia educator certificate only upon successful completion of the teacher education program and passing scores on the appropriate assessments for certification as required for certification by the Georgia 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 with a grade of B or higher SPED 3713 (Elementary Education, Special Education-General Curriculum, and Special Education-General Curriculum/Elementary Education), SPED 3700 (Special Education-Adapted Curriculum), SPED 3715, or department approved alternative to meet the special education requirement of Georgia House Bill 671.
3. Earn a grade of C or higher in all professional education courses, in teaching field (content) courses, and in supporting courses for the teaching field, including Area F of the Core. (See program sheets.)
4. Complete successfully 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 field placements for all practicum, internship, and block courses must be completed. Field experience applications are due the semester prior to enrollment. Due dates for submission will be announced via CourseDen announcements/emails.

Students are expected to complete all professional education and content course work prior to their teaching internship (student teaching) semester. 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 University of West Georgia Student Government Association is applied to costs associated with field experiences (including supervision travel and mentor teacher development).

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 Experiences. 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 COE Academic Advisement Center, and/or the Office of Field Experiences.

COE Early Learning Center

The College of Education (COE) Early Learning Center, is a state-of-the-art early childhood research and demonstration facility. The Early Learning Center is dedicated to four goals: a) to increase the community's capacity for inclusive early childhood care and programming, b) develop models of best practice, c) build family and community partnerships, and d) identify and join a collective group of experts to promote the health, safety, and developmental needs of young children. The Early Learning Center currently houses the following programs for children, ages birth to eight, and their families:

- UWG Pre-Kindergarten Program (Bright from the Start Georgia Pre-K)
- Head Start
- Early Childhood Makerspace and Coding Lab
- Early Childhood Assistive Technology Lab
- Well Start for Early Learning
- *Suri the Spider* collection of social-emotional educator and family resources.

Comprehensive Community Clinic (CCC)

The CCC serves as an educational training facility for undergraduate and graduate students of Speech-Language Pathology, Counselor Education, Early Childhood Education and Special Education programs. Currently, the UWG students provide clinical services in speech-language and counseling along with individual diagnostic and instructional

services in reading and mathematics to the West Georgia community. The CCC has served community clients from the surrounding counties in Georgia and Alabama.

Wolf Wellness Lab

The Wolf Wellness Lab is an experiential learning space for the students and faculty of the Health and Community Wellness and Physical Education programs. The Wolf Wellness Lab partners with local, state, and national partners with initiatives related to program evaluation, grant and research-based initiatives.

Fusion Center

The Fusion Center, located in the College of Education at the University of West Georgia, coordinates all of the College of Education's partnership initiatives and is also the hub for the College's departmental services and labs (i.e., The Innovations Lab and UWGLive-mixed reality simulation). The Fusion Center offers unique opportunities for partnership and community outreach with a variety of services to meet your needs. Our goal is to be a one-stop shop for stakeholder services and the go-to for professional learning, innovation, quality enhancement, and organizational/institutional solutions. We are excited to partner with you and design your own customized package.

Science Bowl - The College of Education Fusion Center is proud to partner with the US Department of Energy in hosting regional events for the National Science Bowl ®.

Fusion Center Labs

- **Innovations Lab**

  The Innovations Lab is a state-of-the art hub for experimenting with new technologies (e.g., Apple Vision Pro, VR goggles, 3-D printers, digital robots, artificial intelligence, etc.). In addition to providing an interactive learning space for UWG and P-12 students, the Lab offers training and exploration for educators and other professionals who wish to integrate emerging technologies into their profession. We have a mobile version of the lab, partnering with school districts' technology funding to bring innovation directly to their door. The Lab helps us bridge the funding gap between rural and non-rural schools by bringing curricular enhancements to rural schools in the West Georgia region for reduced or no costs.

- **UWGLive Simulation Lab**

  UWGLive offers simulations for all programs and many external constituents in a variety of mixed-reality, virtual environments. We hire and train our own interactors and create our own scenarios, which allows us to offer customized simulation experiences to other universities and professional clients.

Department of Counseling, Higher Education, and Speech-Language Pathology

Education Annex 239 • 678-839-6567

https://www.westga.edu/academics/education/cspc/

The Department of Counseling, Higher Education, and Speech-Language Pathology offers programs in the following areas:

Professional Counseling (Graduate)
Speech-Language Pathology (Undergraduate and Graduate)

Higher Education and College Student Affairs (Graduate)

Area of Professional Counseling (Clinical Mental Health Counseling and School Counseling)

Professor:

J. Whisenhunt (Assistant Chair)

Assistant Professors:

C. Crawford, M. Jenkins, K. Tarziers

Area of Higher Education Administration and College Student Affairs

Professors:

R. Akins (Vice Provost), M. Varga (Dean, Graduate School)

Associate Professor:

R. Bronkema

Assistant Professors:

J. Brock, M. Stewart, R. Viswanath

Area of Speech-Language Pathology

Professor:

L. Farran

Associate Professors:

A. Brock (Assistant Chair), J. Matthews

Assistant Professor:

A. Eison, L. Ofoe

Lecturers:

J. Gordon, B. Janowski, S. Thompson

Bachelor of Science in Education

Speech-Language Pathology, B.S.Ed.

This pre-professional program is designed to give candidates a basic knowledge of human communication and communication disorders in preparation for graduate study in speech-language pathology and audiology. Speech and language development, normal anatomical and acoustic bases of communication, characteristics of a variety of communicative disorders, and intervention processes are emphasized. This program leads to a GaPSC service-level certification as a speech-language associate (SLA) in the state of Georgia.

Learning Outcomes:

1. Candidates will demonstrate competency in understanding speech and language development, distinguishing between typical and atypical development across the lifespan, and understanding culturally/linguistically language/speech differences.
2. Candidates will demonstrate knowledge of and distinguish between speech, language, and swallowing disorders including their etiology and diagnosis.
3. Students will summarize the clinical process and continuum of service delivery and demonstrate clinical writing skills as needed for professional practice.

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M

- MATH 1001 - Quantitative Skills and Reasoning 3 Credit Hours recommended

Core IMPACTS Area I

- COMM 1110 - Public Speaking 3 Credit Hours recommended

Core IMPACTS Area T

A course in Biology and a course in Physical Science are recommended for Core IMPACTS Area T.

Core IMPACTS Area S

- PSYC 1101 - Introduction to General Psychology 3 Credit Hours **(or)**
- SOCI 1101 - Introductory Sociology 3 Credit Hours recommended

Field of Study: Major Specific Courses: 18 Hours (a)

- BIOL 1010 - Fundamentals of Biology 3 Credit Hours
- CHEM 1100 - Introductory Chemistry 3 Credit Hours
- MATH 1401 - Elementary Statistics 3 Credit Hours
- SLPA 3701 - Introduction to Communication Disorders 3 Credit Hours
- SLPA 4704 - Introduction to Manual Communication 3 Credit Hours
- MEDT 2501 - Multiple Literacies for Ed. 3 Credit Hours

Physical Education Requirement: 3 Hours

- PWLA 1600 - Personal Wellness 2 Credit Hours
- PWLA (activity course) 1

Courses Required for the Degree

Content Specialization: 48 Hours (a)

- SLPA 3702 - Speech and Language Acquisition 3 Credit Hours
- SLPA 3703 - Phonetics 3 Credit Hours
- SLPA 3704 - Anatomy and Physiology of Speech and Hearing 3 Credit Hours
- SLPA 3705 - Speech and Hearing Science 3 Credit Hours
- SLPA 3760 - Articulation and Phonological Disorders 3 Credit Hours
- SLPA 3790 - Introduction to Clinical Practicum: Observation 3 Credit Hours
- SLPA 4701 - Language Disorders in Children 3 Credit Hours
- SLPA 4703 - Introduction to Audiology 3 Credit Hours
- SLPA 4720 - Introduction to Assessment of Speech-Language Pathology 3 Credit Hours
- SLPA 4721 - Introduction to Neurological Communication Disorders 3 Credit Hours
- SLPA 4722 - Cultural Diversity in Communication Sciences and Disorders 3 Credit Hours
- SLPA 4724 - Counseling in Speech-Language Pathology and Audiology 3 Credit Hours
- SLPA 4784 - Professional Practices in Speech-Language Pathology and Audiology 3 Credit Hours
- SLPA 4725 - Seminar: Speech Lang Path 1 Credit Hours

- SLPA 4792 - Internship: Speech Lang Path 8 Credit Hours

Concentration: 12 Hours (a)

- CEPD 4101 - Educational Psychology 3 Credit Hours
- SPED 3713 - Introduction to Special Education and Mild Disabilities 3 Credit Hours
- SPED 3714 - Behavior and Classroom Management 3 Credit Hours
- SPED 4709 - Ethics, Policies and Procedures in Special Education 3 Credit Hours

Total: 123 Hours (b)

Program Notes:

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

b. The program is 120 hours plus 3 hours in PWLA to meet College of Education degree requirements.

Students must maintain a GPA of 3.00 throughout the program. Completion of this program leads to certification as a speech language associate (SLA) in public schools. A master's degree in speech-language pathology is required to obtain full certification.

Department of Early Childhood through Secondary Education

Education Annex 109 • 678-839-6559
https://www.westga.edu/academics/education/ecse/index.php

The Department of Early Childhood through Secondary Education offers undergraduate and graduate programs/endorsements in the following areas:

Dyslexia Endorsement

Elementary Education

ESOL Endorsement

K-5 Mathematics Endorsement
K-5 Science Endorsement

Reading Endorsement

Reading Instruction (Graduate)
STEM Education Endorsement

Elementary Education

Education Annex 109 • 678-839-6559
https://www.westga.edu/academics/education/ecse/

Professor:

R. Morris

Associate Professors:

S. Britton, C. Chestnutt, A. Crenshaw, J. Edelman (Assistant Dean of Data, Analysis, Faculty and Teaching), N. Ramsay-Jordan (Assistant Chair), J. Strickland

Assistant Professor:

A. Cox, C. Morris

Instructor:

A. Poole

Secondary Education

Education Annex 109 • 678-839-6559
https://www.westga.edu/academics/education/ecse/

Associate Professors:

R. Gault, B. Gilles (Assistant Chair)

Assistant Professor:

J. Curl, E. Keohane-Burbridge

Reading Education

Education Annex 246• 678-839-6179
https://westga.edu/education/ecse/reading/

Associate Professors:

J. Allen, R. Griffin, J. Ponder (Chair), B. Scullin

Assistant Professor:

P. Williams

Bachelor of Science in Education

Elementary Education, B.S.Ed.

The undergraduate program in Elementary Education prepares teacher education candidates to teach children in pre-kindergarten school settings through fifth grade. There are two certification concentrations available to those completing the B.S.Ed. degree in Elementary Education: Elementary Education or Elementary Education/Special Education-General Curriculum. 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.

Learning Outcomes:

1.0 Development, Learning, and Motivation: Candidates know, understand, and use the major concepts, principles, theories, and research related to the development of children and young adolescents to construct learning opportunities that support individual students' development, acquisition of knowledge, and motivation (ACEI 1)

2.1 Reading, Writing, and Oral Language: Candidates demonstrate a high level of competence in use of English language arts and they know, understand, and use concepts from reading, language, and child development, to teach reading, writing, speaking, viewing, listening, and thinking skills and to help students successfully apply their developing skills to many different situation, materials, and ideas.

2.2 Science: Candidates know, understand, and use fundamental concepts of physical, life, and earth/space sciences. Candidates can design and implement age-appropriate inquiry lessons to teach science, to build student understanding of personal and social applications, and to convey the nature of science.

2.3 Mathematics: Candidates know, understand, and use the major concepts and procedures that define number and operations, algebra, geometry, measurement, and data analysis and probability. In doing so they consistently engage in problem-solving, reasoning and proof, communication, connections, and representation.

2.4 Social Studies: Candidates know, understand, and use the major concepts and modes of inquiry from the social studies, the integrated study of history, geography, the social sciences, and other related areas to promote elementary students' abilities to make informed decisions as citizens of a culturally diverse democratic society and interdependent world.

2.5 The Arts: Candidates know, understand, and use as appropriate to their own understanding and skills-the content, functions, and achievements of dance, music, theater, and the several visual arts as primary media for communication, inquiry, and insight among elementary students.

2.6 Health Education: Candidates know, understand, and use the major concepts in the subject matter of health education to create opportunities for student development and practice of skills that contribute to good health.

2.7 Physical Education: Candidates know, understand, and use as appropriate to their own understanding and skills-human movement and physical activity as central elements to foster active, healthy lifestyles and enhanced quality of life for elementary students.

3.1 Integrating and applying knowledge for instruction: Candidates plan and implement instruction based on knowledge of students, learning theory, subject matter, curricular goals, and community.

3.2 Adaptation to diverse students: Candidates understand how elementary students differ in their development and approaches to learning and create instructional opportunities that are adapted to diverse students.

3.3 Development of critical thinking, problem-solving, performance skills: Candidates understand and use a variety of teaching strategies that encourage elementary students' development of critical thinking, and problem-solving.

3.4 Active engagement in learning: Candidates use their knowledge and understanding of individual and group motivation and behavior among students at the K-6 level to foster active engagement in learning, self-motivation, and positive social interaction and to create supportive learning environments.

3.5 Communication to foster collaboration: Candidates use their knowledge and understanding of effective verbal, nonverbal, and media communication techniques to foster active inquiry, collaboration, and supportive interaction in the elementary classroom (ACEI 3).

4.0 Assessment for instruction: Candidates know, understand, and use formal and informal assessment strategies to plan, evaluate and strengthen instruction that will promote continuous intellectual, social, emotional, and physical development of each elementary student (ACEI 4).
5.1 Professional growth, reflection, and evaluation: Candidates are aware of and reflect on their practice in light of research on teaching and resources available for professional learning; they continually evaluate the effects of their professional decisions and actions on students, parents, and other professionals in the learning community and actively seek out opportunities to grow professionally.

5.2 Collaboration with families, colleagues, and community agencies: Candidates know the importance of establishing and maintaining a positive collaborative relationship with families, school colleagues, and agencies in the larger community to promote the intellectual, social, emotional, physical growth, and well-being of children.

5.4 Collaboration with colleagues and the community: Candidates foster relationships with school colleagues and agencies in the larger community to support students' learning and well-being (ACEI 5).

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M: 9 Hours (a)

- MATH 1111 - College Algebra 3 Credit Hours
  is recommended (b)

Core IMPACTS Area I: 5 Hours

- COMM 1110 - Public Speaking 3 Credit Hours is recommended (a)

Core IMPACTS Area A: 6 Hours

- ENGL 2110 - World Literature 3 Credit Hours
- ENGL 2120 - British Literature 3 Credit Hours **(or)**
- ENGL 2130 - American Literature 3 Credit Hours is recommended

Core IMPACTS Area T: 10 Hours

- Science (lab) 4
- BIOL 1010 - Fundamentals of Biology 3 Credit Hours is recommended
- BIOL 1010L - Fundamentals of Biology Laboratory 1 Credit Hours is recommended
  Science 3
- GEOL 1121 - Exploring Earth 3 Credit Hours is recommended
  Math, Science, & Quantitative Technology 3

Core IMPACTS Area S: 12 Hours

- GEOG 1013 - World Geography 3 Credit Hours is recommended

Field of Study: (Program Related Courses): 18 Hours (a)

- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours
- EDUC 2130 - Exploring Learning and Teaching 3 Credit Hours
- ISCI 2001 - Life and Earth Science 3 Credit Hours
- ISCI 2002 - Physical Science 3 Credit Hours
- MATH 2008 - Foundations of Numbers and Operations 3 Credit Hours
- MEDT 2501 - Multiple Literacies for Ed. 3 Credit Hours

Physical Education Requirement: 3 Hours

- PWLA 1600 - Personal Wellness 2 Credit Hours
- PWLA (activity course) 1

Courses Required for the Degree (a,c)

TRADITIONAL CONCENTRATION

Professional Education: 60 Hours

Block I: 18 Hours

- CEPD 4101 - Educational Psychology 3 Credit Hours
- ECED 3282 - Practicum I 1 Credit Hours (e)
- READ 3251 - Literacy Instruction through Children's and Adolescent Literature 3 Credit Hours
- ECED 3214 - Exploratory Activities in Music and the Fine Arts 2 Credit Hours
- SPED 3713 - Introduction to Special Education and Mild Disabilities 3 Credit Hours
- ECED 4261 - Teaching Content and Process: Social Studies Education 3 Credit Hours
- ECED 3250 - Teaching Elementary Mathematics 1 3 Credit Hours

Block II: 17 Hours

- ECED 4263 - Teaching Content and Process: Mathematics Education 3 Credit Hours
- ECED 4283 - Practicum II 1 Credit Hours (e)
- READ 3262 - Reading Methods and Assessment I (PK-2) 3 Credit Hours
- PHED 4650 - Health and Physical Activity in Elementary Education 2 Credit Hours
- ECED 3271 - Integrating Curriculum, Instruction, and Classroom Management for Pre K-5 Classrooms 3 Credit Hours
- MEDT 3402 - Integrating Technology into the Curriculum 2 Credit Hours
- ECED 3260 - Teaching Elementary Mathematics 2 3 Credit Hours

Block III: 17 Hours

- ECED 4251 - Assessment and Correction Mathematics Education 3 Credit Hours
- ECED 4251L - Assessment and Correction Clinical Lab 0 Credit Hours
- ECED 4284 - Practicum III 2 Credit Hours (e)
- EDRS 4042 - Introduction to Classroom Assessment 3 Credit Hours
- READ 3263 - Writing Development and Instruction 3 Credit Hours
- READ 4251 - Reading Methods and Assessment II (3-5) 3 Credit Hours
- ECED 4262 - Teaching Content and Process: Science Education 3 Credit Hours

Block IV: 8 Hours

- ECED 4286 - Teaching Internship 6 Credit Hours (e)
- ECED 4289 - Teaching Internship Seminar 2 Credit Hours

DUAL CERTIFICATION CONCENTRATION

Professional Education: 66 Hours

Block I: 18 Hours

- CEPD 4101 - Educational Psychology 3 Credit Hours
- SPED 3713 - Introduction to Special Education and Mild Disabilities 3 Credit Hours
- MATH 3803 - Algebra for P-8 Teachers I 3 Credit Hours
- READ 3251 - Literacy Instruction through Children's and Adolescent Literature 3 Credit Hours
- ECSE 3214 - Exploratory Curriculum for Pre-K-5 Classroom 2 Credit Hours
- ECED 3282 - Practicum I 1 Credit Hours
- ECED 4261 - Teaching Content and Process: Social Studies Education 3 Credit Hours

Block II: 18 Hours

- MATH 3703 - Geometry for P-8 Teachers 3 Credit Hours
- ECSE 4763 - Teaching Content and Process: Math Dual Certificate 3 Credit Hours
- ECSE 4764 - Teaching Content and Process: Literacy Dual Certificate 3 Credit Hours
- ECSE 4784 - Practicum II 1 Credit Hours
- EDRS 4042 - Introduction to Classroom Assessment 3 Credit Hours
- SPED 3714 - Behavior and Classroom Management 3 Credit Hours
- SPED 4710 - Ethics, Policies, and Procedures in Special Education 2 Credit Hours

Summer: 5 Hours

- SPED 3702 - Educational Evaluation of Children with Disabilities 3 Credit Hours
- MEDT 3402 - Integrating Technology into the Curriculum 2 Credit Hours

Block III: 17 Hours

- READ 3263 - Writing Development and Instruction 3 Credit Hours
- SPED 4713 - Collaboration in School Settings 3 Credit Hours
- ECED 4251 - Assessment and Correction Mathematics Education 3 Credit Hours
- ECED 4251L - Assessment and Correction Clinical Lab 0 Credit Hours
- ECSE 4785 - Practicum III 2 Credit Hours
- READ 4251 - Reading Methods and Assessment II (3-5) 3 Credit Hours
- ECSE 4762 - Teaching Content and Process: Science Dual Certificate 3 Credit Hours

Block IV: 8 Hours

- ECSE 4786 - Teaching Internship 6 Credit Hours (e)
- ECSE 4789 - Teaching Internship Seminar 2 Credit Hours

Total: 129 Hours

Notes:

a. A grade of C or better is required in courses in these sections. See catalog for English and Math requirements.

b. Recommend MATH 1111.

c. Admission to Teacher Education is required before enrolling in block courses.

d. MEDT 3401 may be substituted for MEDT 3402.

e. Practicum or Internship application must be submitted by posted deadline.

Note: To ensure proper background in required content area, students are strongly advised to complete the following courses or their equivalent:

- COMM 1110 - Public Speaking 3 Credit Hours
  (and)
- ENGL 2110 - World Literature 3 Credit Hours
- ENGL 2120 - British Literature 3 Credit Hours **(or)**
- ENGL 2130 - American Literature 3 Credit Hours
  (and)
- BIOL 1010 - Fundamentals of Biology 3 Credit Hours
- BIOL 1010L - Fundamentals of Biology Laboratory 1 Credit Hours
- GEOG 1013 - World Geography 3 Credit Hours
- GEOL 1121 - Exploring Earth 3 Credit Hours

Department of Educational Technology and Foundations

Education Annex 139/146 • 678-839-6558
https://www.westga.edu/academics/education/etf/

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

Educational Foundations
Educational Psychology
Media and Instructional Technology

Area of Educational Psychology and Foundations

Professors:

L. Cao, Y. Yang

Associate Professors:

T. Peterson, M. Slone

Area of Media (Instructional Technology and Media Specialist)

Professors:

D. Baylen, M. Johnston

Associate Professors:

T. Arrington (Chair), Y. Chen, A. D'Alba, J. Huett, K. Huett (Assistant Chair), S. Lee (Assistant Chair)

Assistant Professors:

J. Hampton, J. Lilly, A. Wilcox, L. Ziegler

Lecturers:

L. Sheneman, J. Thompson

Instructors:

W. Green, J. Hurtt, B. Lane, T. Ponder

Department of Leadership, Research, and School Improvement

Education Annex 216 • 678-839-5162
https://www.westga.edu/academics/education/lrsi/

The Department of Leadership, Research, and School Improvement offers programs and courses in the following areas:

Educational Leadership
Educational Research
School Improvement

Area of Educational Leadership

Associate Professors:

C. Davis, L. Kimbrel, A. Nixon, J. Ruffin (Assistant Chair)

Assistant Professors:

K. Barker, C. Booher, S. Fuhrey, D. Horne, J. Raschen (Assistant Chair, LRS), C. Watts

Area of Research

Professors:

D. Mindrila, A. Packard, M.A. Varga (Chair)

Associate Professor:

E. Pope

Department of Special Education

Education Annex 246 • 678-839-6179
https://www.westga.edu/academics/education/special-education/

The Department of Special Education offers programs/endorsements in the following areas:

Special Education (Undergraduate and Graduate)

Autism Endorsement

Professors:

K. Green (Chair), M. Trotman-Scott (Interim Chair, CHS)

Associate Professors:

M. Council, T. Franklin, J. Schwab

Assistant Professors:

J. Campbell, T. Campese, A. Cummings, M. Dzialo, K. Holman, B. Locchetta (Assistant Chair), D . Miranda,S. Mrstik, T. Wood (Assistant Chair)

Lecturer

A. Sutton (Assistant Chair)

Bachelor of Science in Education

Special Education, B.S.Ed.

The Bachelor of Science Degree in Special Education (B.S.Ed.) is a fully online program that provides teacher candidates with the skills and knowledge to educate and advocate for students with disabilities from P-12 school settings. Built upon a rigorous and relevant curriculum, this practice-oriented program ensures the preparation of high-quality educators who are well-versed in both theoretical knowledge and practical applications. Candidates undergo four full semesters of diverse grade-level practicum experiences, which allows students to apply theoretical knowledge in real-world settings. With the fully online modality, our undergraduate students can work full-time as paraprofessionals while earning their degree, with district-partnership agreements. The program offers students the choice between three distinct concentrations: Adapted, General, and Dual Concentrations. Students also have the opportunity to pursue an Accelerated Bachelors to Masters program within our Adapted and General concentrations.

The Adapted Curriculum Concentration is designed to prepare teacher candidates to serve students who are working on modified curriculum standards, require substantial adaptations that support access to the general curriculum, and participate in the state-adopted alternate assessments. This concentration requires 123 credit hours.

The General Curriculum Concentration is designed to prepare teacher candidates to serve students with mild to moderate disabilities who are working on general curriculum standards and participate in the state-adopted general content standards assessments. This concentration requires 123 credit hours.

The Dual Certification in Special Education General Curriculum/Elementary Education leads to a dual Georgia Level 4 certification in Special Education General Curriculum/Elementary Education (P-5). This program prepares teacher candidates to provide instruction or instructional support to all students in grades P-5 as a special education teacher or general education teacher. The dual certification program requires 127 credit hours. While many graduates of the B.S.Ed. program in Special Education choose to teach children with exceptionalities in schools, some students may choose other jobs in related social service areas or pursue teacher certification in additional specialty areas at the graduate/post-baccalaureate level.

The Accelerated Bachelors to Masters Concentration (ABM) in Special Education offers the opportunity for qualifying students to simultaneously satisfy partial degree requirements for a bachelor's and a master's degree in an accelerated program of study. The ABM pathway in Special Education allows exceptional students to count up to six (6) hours in the M.Ed. program towards both degrees. Upon successfully completing the undergraduate B.S.Ed. in Special Education, students with a satisfactory grade point average and a grade of "B" or higher in all graduate courses completed at UWG may move to full graduate status in the M.Ed. in Special Education program. The two Masters level courses taken as an undergraduate will be applied toward the M.Ed. graduate degree. This concentration requires 123 credit hours for the General and Adapted Curriculum tracks and 127 credit hours for the Dual concentration track.

Our courses adhere to the Council for Exceptional Children and GaPSC Standards. Students are admitted in the Fall semester each year.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Courses

See catalog and advisor in major area

Physical Education Requirement

- PWLA 1600 - Personal Wellness 2 Credit Hours
- PWLA (activity course) 1

Courses Required for the Degree

all Concentrations

- SPED 3750 - Diverse Experiences Practicum 3 Credit Hours
- SPED 4709 - Ethics, Policies and Procedures in Special Education 3 Credit Hours
- SPED 4713 - Collaboration in School Settings 3 Credit Hours **(OR)**

- SPED 7724: Collaboration & Inclusion (ABM*)
- SPED 4789 - Internship Seminar 3 Credit Hours
- CEPD 4101 - Educational Psychology 3 Credit Hours

Reading Courses

All Concentrations

- READ 3251 - Literacy Instruction through Children's and Adolescent Literature 3 Credit Hours
- READ 3262 - Reading Methods and Assessment I (PK-2) 3 Credit Hours
- READ 4251 - Reading Methods and Assessment II (3-5) 3 Credit Hours
- READ 3263 - Writing Development and Instruction 3 Credit Hours

Adapted Curriculum Concentration

- SPED 3700 - Introduction to Special Education and Severe Disabilities 3 Credit Hours
- SPED 3703 - Behavior Modification 3 Credit Hours **(OR)**
- SPED 7750: Introduction to Applied Behavior Analysis (ABM*)
- SPED 3704 - Assessment of Students with Severe Disabilities 3 Credit Hours
- SPED 3760 - Curriculum and Methods I: Students with Severe Disabilities 3 Credit Hours
- SPED 4760 - Curriculum and Methods II: Students with Severe Disabilities 3 Credit Hours
- SPED 3751 - Practicum I 3 Credit Hours
- SPED 3752 - Practicum II 3 Credit Hours
- SPED 4786 - Internship in Special Education 9 Credit Hours
- MEDT 3401 - Integrating Technology into the Curriculum 3 Credit Hours

General Curriculum Concentration

- SPED 3702 - Educational Evaluation of Children with Disabilities 3 Credit Hours
- SPED 3713 - Introduction to Special Education and Mild Disabilities 3 Credit Hours
- SPED 3761 - Mild Disabilities: Methods for Instruction 3 Credit Hours
- SPED 4761 - Mild Disabilities: Advanced Methods of Instruction 3 Credit Hours
- SPED 3751 - Practicum I 3 Credit Hours
- SPED 3752 - Practicum II 3 Credit Hours
- SPED 4786 - Internship in Special Education 9 Credit Hours
- MEDT 3401 - Integrating Technology into the Curriculum 3 Credit Hours
- SPED 3714 - Behavior and Classroom Management 3 Credit Hours **(OR)**
- SPED 7750: Introduction to Applied Behavior Analysis (ABM*)

Dual Special Education General Curriculum/Elementary Education Concentration

- ECED 3250 - Teaching Elementary Mathematics 1 3 Credit Hours
- ECED 3260 - Teaching Elementary Mathematics 2 3 Credit Hours
- ECED 4261 - Teaching Content and Process: Social Studies Education 3 Credit Hours
- ECSE 4762 - Teaching Content and Process: Science Dual Certificate 3 Credit Hours
- MEDT 3402 - Integrating Technology into the Curriculum 2 Credit Hours
- SPED 3753 - Practicum I Dual Certification 1 Credit Hours

- SPED 3754 - Practicum II Dual Certification 1 Credit Hours
- SPED 4790 - Internship Dual Certification 0 Credit Hours
- SPED 3702 - Educational Evaluation of Children with Disabilities 3 Credit Hours
- SPED 3713 - Introduction to Special Education and Mild Disabilities 3 Credit Hours
- SPED 3714 - Behavior and Classroom Management 3 Credit Hours (OR)
- SPED 7750: Introduction to Applied Behavior Analysis (ABM*)
- SPED 3761 - Mild Disabilities: Methods for Instruction 3 Credit Hours
- SPED 4761 - Mild Disabilities: Advanced Methods of Instruction 3 Credit Hours

*ABM - Accelerated Bachelor's to Masters Concentration

Department of Sport Management, Wellness, and Physical Education

Coliseum 2057/2058 • 678-839-6530/678-839-6557
https://www.westga.edu/academics/education/smwpe/

The Department of Sport Management, Wellness, and Physical Education offers programs in the following areas:

Health and Community Wellness (Undergraduate)

Integrative Health and Wellness (Graduate)
Physical Education (Undergraduate and Graduate)
Sport Management (Undergraduate and Graduate)

Personal Wellness and Leisure Activities (Undergraduate)

Area of Physical Education

Professors:

B. Heidorn, B. Mosier (Associate Vice President of Innovation and Research)

Associate Professor:

C. Brooks (Interim Chair)

Assistant Professor:

A. Wolecki

Senior Lecturer:

J. Heidorn

Lecturer:

K. Thompson

Area of Health and Community Wellness

Clinical Assistant Professor:

M. Brillhart

Senior Lecturer:

B. Stewart (Chief Wellness Officer)

Lecturers:

J. Brandenburg, C. Knoll (Assistant Chair)

Area of Sport Management

Associate Professor:

E. Jara-Pazmino (Assistant Chair)

Assistant Professors:

B. Becher, T. Ross, R. Valdes, T. Yeh

Bachelor of Science

Health and Community Wellness, B.S.

The mission of the Bachelor of Science (B.S.) in Health & Community Wellness is to provide professional candidates for employment in a variety of settings to promote health and wellness. Through program courses and experiential learning experiences, students will be prepared to help people, organizations, and communities change lifestyle behaviors to minimize health risks and improve overall wellness.

Students have the option to choose the General Track or one of four professional tracks. Professional track options include: Athletic Training, Physical Therapy, Occupational Therapy, or Dietetics. These tracks serve as a pathway and will prepare students to apply for a masters or doctoral program in the designated field of study. Students must maintain a minimum of 3.0 GPA for good academic standing on any of the four professional tracks in this program.

Students choosing the General Track will have the option of completing fifteen (15) credit hours of electives or can select an approved minor. Students must maintain a minimum of 2.0 GPA for good academic standing on the General Track in this program.

The Accelerated Bachelor's to Master's Degree Pathway in Health and Wellness at the University of West Georgia allows outstanding students who major in Health and Community Wellness to begin earning credit toward a graduate degree while completing their Bachelor's degree. The ABM in Health and Wellness allows exceptional students to count up to six (6) hours towards the M.S. in Integrative Health and Wellness. Upon completion of the undergraduate B.S. in Health and Community Wellness, with a satisfactory undergraduate grade point average and a grade of "B" or better in all graduate courses completed, the student may move to full graduate status in the M.S. in Integrative Health and Wellness graduate program, and the courses taken as an undergraduate will be applied toward the graduate degree.

Learning Outcomes:

1. The student will be able to describe discipline-specific and theoretical concepts related to industry standards set by the National Wellness Institute in five critical aspects: systems aspect, methodological aspect, professional aspect, project management aspect, and contextual aspect.
2. The student will be able to implement evidence-based information appropriate to developmental level, health literacy level, learning needs, learning readiness, and cultural values and beliefs to educate clients and the public about health promotion and wellness.
3. The student will demonstrate dispositions essential to becoming effective professionals.
4. The student will apply participatory, holistic, and strength-based processes to design and evaluate a wellness program that meets the objectives and outcomes established by key stakeholders.

Health and Community Wellness, General Track

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours (a)

- PHED 2628 - First Aid and CPR for Education Majors 1 Credit Hours
- PHED 2000 - App Con of Fitness & Wellness 3 Credit Hours
- CMWL 2100 - Intro to Health and Community Wellness 2 Credit Hours
- PSYC 1101 - Introduction to General Psychology 3 Credit Hours
- MATH 1401 - Elementary Statistics 3 Credit Hours
- CMWL 2200 - Social Determinants of Health and Wellness 3 Credit Hours
- PHED 2605 - Functional Anatomy 3 Credit Hours

Professional Classes for the Degree:42 Hours Required (a)

- CMWL 3100 - Lifespan Development 3 Credit Hours
- CMWL 3210 - Principles of Nutrition 3 Credit Hours
- CMWL 3240 - Current Issues and Trends in Fitness and Wellness Leadership 3 Credit Hours
- CMWL 3300 - Medical Terminology 3 Credit Hours
- CMWL 3101 - Mental and Emotional Wellness 3 Credit Hours
- CMWL 3102 - Psychology of Health and Wellness 3 Credit Hours
- CMWL 4100 - Wellness Coaching 3 Credit Hours
- PHED 4603 - Advanced Concepts of Personal Training 3 Credit Hours
- CMWL 4000 - Exercise and Wellness Programming for Special Populations 3 Credit Hours
- CMWL 4101 - Worksite Wellness Programs 3 Credit Hours
- CMWL 4103 - Applied Research Methods in Health and Community Wellness 3 Credit Hours
- CMWL 3220 - Principles and Foundations of Health Promotion and Education 3 Credit Hours
- CMWL 3110 - Program Evaluation in Community Settings 3 Credit Hours
- CMWL 4102 - Health and Community Wellness Internship 3 Credit Hours

Professional Elective for the Degree: 3 Hours Required (a)

Select one of the following courses:

- CMWL 3230 - Exercise Leadership 3 Credit Hours
- CMWL 3302 - Healthcare Leadership & Policy 3 Credit Hours
- CMWL 3304 - Sexual Health & Wellness 3 Credit Hours
- CMWL 3401 - Technology in Health and Community Wellness 3 Credit Hours
- PHED 4631 - Prevention and Care of Athletic Injuries 3 Credit Hours
- NUTR 3100 - Lifecycle Nutrition and Disease Management 3 Credit Hours

Electives Recommended: 15 Hours (a)

(Electives are for an approved minor or special topics courses. All electives must be at the 3000 level or above. The academic advisor must approve any 2000 level courses)

Total: 120 Hours

Minimum 2.0 GPA required for graduation

(a) Courses must be completed with a grade of C or better.

Health and Community Wellness, Athletic Training Track (a)

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Athletic Training Professional Track Core IMPACTS Curriculum. Specific course requirements in these areas for this track include MATH 1111 for Core IMPACTS Area M; BIOL 1107 and BIOL 1107L, BIOL 1108 and BIOL 1108L, and MATH 1401 for Core IMPACTS Area T; and PSYC 1101 for Core IMPACTS Area S.

Field of Study: 18 Hours

- PHED 2628 - First Aid and CPR for Education Majors 1 Credit Hours
- PHED 2000 - App Con of Fitness & Wellness 3 Credit Hours
- CMWL 2100 - Intro to Health and Community Wellness 2 Credit Hours
- CMWL 2200 - Social Determinants of Health and Wellness 3 Credit Hours
- PHYS 1111 - Introductory Physics I 3 Credit Hours
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- MATH 1112 - College Trigonometry 3 Credit Hours

Professional Classes for the Degree: 45 Hours Required

- CMWL 3100 - Lifespan Development 3 Credit Hours
- CMWL 3210 - Principles of Nutrition 3 Credit Hours
- CMWL 3240 - Current Issues and Trends in Fitness and Wellness Leadership 3 Credit Hours
- CMWL 3300 - Medical Terminology 3 Credit Hours
- CMWL 3101 - Mental and Emotional Wellness 3 Credit Hours
- CMWL 3102 - Psychology of Health and Wellness 3 Credit Hours
- CMWL 4100 - Wellness Coaching 3 Credit Hours
- PHED 4603 - Advanced Concepts of Personal Training 3 Credit Hours
- CMWL 4000 - Exercise and Wellness Programming for Special Populations 3 Credit Hours
- PHED 4631 - Prevention and Care of Athletic Injuries 3 Credit Hours
- CMWL 4101 - Worksite Wellness Programs 3 Credit Hours
- CMWL 4103 - Applied Research Methods in Health and Community Wellness 3 Credit Hours
- CMWL 3220 - Principles and Foundations of Health Promotion and Education 3 Credit Hours
- CMWL 3110 - Program Evaluation in Community Settings 3 Credit Hours
- CMWL 4102 - Health and Community Wellness Internship 3 Credit Hours

Required Electives: 14 Hours

All courses are required to satisfy this professional track.

- BIOL 2251 - Anatomy and Physiology I 3 Credit Hours
- BIOL 2251L - Anatomy and Physiology I Laboratory 1 Credit Hours
- BIOL 2252 - Anatomy and Physiology II 3 Credit Hours
- BIOL 2252L - Anatomy and Physiology II Laboratory 1 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- PHYS 1111L - Introductory Physics I Laboratory 1 Credit Hours
- PSYC 3150 - Abnormal Psychology 4 Credit Hours

Total: 120 Hours

(a) Students must maintain an overall 3.0 GPA in this professional track, and ending coursework must be at a 3.0 GPA to apply to a Master's Athletic Training program.

Health and Community Wellness, Dietetics Track (a)

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Dietetics Professional Track Core IMPACTS Curriculum. Specific course requirements in these areas for this track include MATH 1111 for Core IMPACTS Area M; CS 1000 for Core IMPACTS Area I; CHEM 1211 and CHEM 1211L, CHEM 1212 and 1212L, and MATH 1401 for Core IMPACTS Area T.

Field of Study: 18 Hours

- PHED 2628 - First Aid and CPR for Education Majors 1 Credit Hours
- PHED 2000 - App Con of Fitness & Wellness 3 Credit Hours
- CMWL 2100 - Intro to Health and Community Wellness 2 Credit Hours
- BIOL 2251 - Anatomy and Physiology I 3 Credit Hours
- BIOL 2251L - Anatomy and Physiology I Laboratory 1 Credit Hours
- BIOL 2252 - Anatomy and Physiology II 3 Credit Hours
- BIOL 2252L - Anatomy and Physiology II Laboratory 1 Credit Hours
- CHEM 2411L - Organic Chemistry I Laboratory 1 Credit Hours
- MATH 1112 - College Trigonometry 3 Credit Hours

Professional Classes for the Degree: 42 Hours Required

- CMWL 2200 - Social Determinants of Health and Wellness 3 Credit Hours
- CMWL 3100 - Lifespan Development 3 Credit Hours
- CMWL 3240 - Current Issues and Trends in Fitness and Wellness Leadership 3 Credit Hours
- CMWL 3300 - Medical Terminology 3 Credit Hours
- CMWL 3101 - Mental and Emotional Wellness 3 Credit Hours
- CMWL 3102 - Psychology of Health and Wellness 3 Credit Hours

- CMWL 4100 - Wellness Coaching 3 Credit Hours
- PHED 4603 - Advanced Concepts of Personal Training 3 Credit Hours
- CMWL 4000 - Exercise and Wellness Programming for Special Populations 3 Credit Hours
- CMWL 4101 - Worksite Wellness Programs 3 Credit Hours
- CMWL 4103 - Applied Research Methods in Health and Community Wellness 3 Credit Hours
- CMWL 3220 - Principles and Foundations of Health Promotion and Education 3 Credit Hours
- CMWL 3110 - Program Evaluation in Community Settings 3 Credit Hours
- CMWL 4102 - Health and Community Wellness Internship 3 Credit Hours

Professional Elective for the Degree: 3 Hours Required

Select one of the Following Courses:

- CMWL 3230 - Exercise Leadership 3 Credit Hours
- CMWL 3302 - Healthcare Leadership & Policy 3 Credit Hours
- CMWL 3304 - Sexual Health & Wellness 3 Credit Hours
- CMWL 3401 - Technology in Health and Community Wellness 3 Credit Hours
- PHED 4631 - Prevention and Care of Athletic Injuries 3 Credit Hours

Required Electives: 15 Hours

For this professional track, these courses are required to earn a Minor in Nutrition Promotion and Education.

- CMWL 3210 - Principles of Nutrition 3 Credit Hours
- CHEM 2411 - Organic Chemistry I 3 Credit Hours
- NUTR 3100 - Lifecycle Nutrition and Disease Management 3 Credit Hours

  Select two of the following courses:

- HIST 4580 - American Foodways 3 Credit Hours
- NUTR 3200 - Sports Nutrition 3 Credit Hours
- NUTR 4100 - Nutrition Education and Counseling Strategies 3 Credit Hours
- NUTR 4300 - Cultural Aspects of Food and Nutrition 3 Credit Hours

Total: 120 Hours

(a) Students must maintain an overall 3.0 GPA in this professional track and ending coursework must be at a 3.0 GPA to apply to a Master's Dietetics program.

Health and Community Wellness, Occupational Therapy Track (a)

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Occupational Therapy Professional Track Core IMPACTS Curriculum. Specific course requirements in these areas for this track include MATH 1111 for Core IMPACTS Area M; BIOL 1107 and BIOL 1107L, BIOL 1108 and BIOL 1108L, and MATH 1401 for Core IMPACTS Area T; and SOCI 1101 for Core IMPACTS Area S.

Field of Study: 18 Hours

- PHED 2000 - App Con of Fitness & Wellness 3 Credit Hours
- CMWL 2100 - Intro to Health and Community Wellness 2 Credit Hours
- CMWL 2200 - Social Determinants of Health and Wellness 3 Credit Hours
- MATH 1112 - College Trigonometry 3 Credit Hours
- PHYS 1111 - Introductory Physics I 3 Credit Hours
- PHYS 1111L - Introductory Physics I Laboratory 1 Credit Hours
- PSYC 1101 - Introduction to General Psychology 3 Credit Hours

Professional Classes for the Degree: 45 Hours Required

- PHED 2628 - First Aid and CPR for Education Majors 1 Credit Hours
- CMWL 3210 - Principles of Nutrition 3 Credit Hours
- CMWL 3240 - Current Issues and Trends in Fitness and Wellness Leadership 3 Credit Hours
- CMWL 3300 - Medical Terminology 3 Credit Hours
- PSYC 3010 - Human Growth and Development 4 Credit Hours
- CMWL 3101 - Mental and Emotional Wellness 3 Credit Hours
- CMWL 3102 - Psychology of Health and Wellness 3 Credit Hours
- CMWL 4100 - Wellness Coaching 3 Credit Hours
- PHED 4603 - Advanced Concepts of Personal Training 3 Credit Hours
- CMWL 4000 - Exercise and Wellness Programming for Special Populations 3 Credit Hours
- PHED 4631 - Prevention and Care of Athletic Injuries 3 Credit Hours
- CMWL 4101 - Worksite Wellness Programs 3 Credit Hours
- CMWL 4103 - Applied Research Methods in Health and Community Wellness 3 Credit Hours
- CMWL 3220 - Principles and Foundations of Health Promotion and Education 3 Credit Hours
- CMWL 3110 - Program Evaluation in Community Settings 3 Credit Hours
- CMWL 4102 - Health and Community Wellness Internship 3 Credit Hours

Required Electives: 12 Hours

All courses are required to satisfy this professional track

- BIOL 2251 - Anatomy and Physiology I 3 Credit Hours
- BIOL 2251L - Anatomy and Physiology I Laboratory 1 Credit Hours
- BIOL 2252 - Anatomy and Physiology II 3 Credit Hours
- BIOL 2252L - Anatomy and Physiology II Laboratory 1 Credit Hours
- PSYC 3150 - Abnormal Psychology 4 Credit Hours

Total: 120 Hours

(a) Students must maintain an overall 3.0 GPA in this professional track and ending coursework must be at a 3.0 GPA to apply to a Master's Occupational Therapy program

Health and Community Wellness, Physical Therapy Track (a)

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Physical Therapy Professional Track Core IMPACTS Curriculum. Specific course requirements in these areas for this track include MATH 1111 for Core IMPACTS Area M; BIOL 1107 and BIOL 1107L, BIOL 1108 and BIOL 1108L, and MATH 1401 for Core IMPACTS Area T; and PSYC 1101 for Core IMPACTS Area S.

Field of Study: 18 Hours

- PHED 2628 - First Aid and CPR for Education Majors 1 Credit Hours
- CMWL 2100 - Intro to Health and Community Wellness 2 Credit Hours
- CMWL 2200 - Social Determinants of Health and Wellness 3 Credit Hours
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- BIOL 2251 - Anatomy and Physiology I 3 Credit Hours
- MATH 1112 - College Trigonometry 3 Credit Hours

Professional Classes for the Degree: 44 Hours Required

- PSYC 3010 - Human Growth and Development 4 Credit Hours
- PSYC 3150 - Abnormal Psychology 4 Credit Hours
- CMWL 3210 - Principles of Nutrition 3 Credit Hours
- CMWL 3240 - Current Issues and Trends in Fitness and Wellness Leadership 3 Credit Hours
- CMWL 3300 - Medical Terminology 3 Credit Hours
- CMWL 3101 - Mental and Emotional Wellness 3 Credit Hours
- CMWL 3102 - Psychology of Health and Wellness 3 Credit Hours
- CMWL 4100 - Wellness Coaching 3 Credit Hours
- PHED 4603 - Advanced Concepts of Personal Training 3 Credit Hours
- CMWL 4000 - Exercise and Wellness Programming for Special Populations 3 Credit Hours
- CMWL 3220 - Principles and Foundations of Health Promotion and Education 3 Credit Hours
- CMWL 3110 - Program Evaluation in Community Settings 3 Credit Hours
- CMWL 4102 - Health and Community Wellness Internship 3 Credit Hours
- PHED 4631 - Prevention and Care of Athletic Injuries 3 Credit Hours

Required Electives: 15 Hours

All courses are required to satisfy this professional track.

- PHYS 1111 - Introductory Physics I 3 Credit Hours
- PHYS 1111L - Introductory Physics I Laboratory 1 Credit Hours
- PHYS 1112 - Introductory Physics II 3 Credit Hours
- PHYS 1112L - Introductory Physics II Laboratory 1 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
- BIOL 2251L - Anatomy and Physiology I Laboratory 1 Credit Hours
- BIOL 2252 - Anatomy and Physiology II 3 Credit Hours

- BIOL 2252L - Anatomy and Physiology II Laboratory 1 Credit Hours

Total: 120 Hours

(a) Students must maintain an overall 3.0 GPA in this professional track. Prerequisites GPA and ending coursework must be at 3.0 to apply to a DPT program. An overall ending GPA of 3.5 or higher is recommended for this competitive program.

Accelerated Bachelor's to Master's Degree Pathway

Accelerated Bachelor's to Master's Degree Pathway

Students applying for the ABM Pathway in Health and Wellness must:
-Have completed at least 90 hours toward a B.S. in Health and Community Wellness, General Track
-Have completed at least 30 hours of the 90 hours of coursework at the University of West Georgia.
-Have a UWG GPA of 3.2 or higher and must maintain that GPA while they are undergraduates.
-Meet all admission requirements for the M.S. in Integrative Health and Wellness except for completion of the B.S. in Health and Community Wellness.
-Complete the undergraduate course sequence of CMWL 3101, CMWL 3102, and CMWL 4100 prior to registering for any graduate courses and the undergraduate course sequence of PHED 2605 and PHED 4603 prior to registering for CMWL 6400.

Students can apply up to 6 credits to towards the MS in Integrative Health and Wellness. Course options include CMWL 6400 (for CMWL 4000) and CMWL 6500 (for CMWL 3401).

Sport Management, B.S.

The University of West Georgia Sport Management program is designed to serve society by developing responsible leaders for the multi-faceted sport industry. 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.

The Accelerated Bachelor's to Master's Degree Pathway in Sport Management at the University of West Georgia allows outstanding students who major in Sport Management to begin earning credit toward a graduate degree while completing their Bachelor's degree. The ABM in Sport Management allows exceptional students to count up to twelve (12) hours in the M.S. in Sport Management.

The Accelerated Bachelor's to Master's Degree Pathway offers the opportunity to simultaneously satisfy partial degree requirements for a bachelor's and a master's degree in an accelerated program of study.

Upon completion of the undergraduate B.S. in Sport Management, with a satisfactory undergraduate grade point average and a grade of "B" or better in all graduate courses completed, the student may move to full graduate status in the M.S. in Sport Management graduate program, and the courses taken as an undergraduate will be applied toward the graduate degree.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Fielf of Study: 18 Hours

- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours
- SPMG 2600 - Introduction Sport Management 3 Credit Hours
- Approved Electives (1000-2000 level) 12 Credit Hours

Physical Education Requirement: 3 Hours

- PWLA 1600 - Personal Wellness 2 Credit Hours
- PWLA (any one-hour activity course) 1 Credit Hour

Courses Required for the Degree

II. Required Professional Content: 18 Hours (a)

- SPMG 3661 - Sociology of Sport 3 Credit Hours
- SPMG 3664 - Economics and Finance in Sport 3 Credit Hours
- SPMG 3665 - Communication in Sport 3 Credit Hours
- SPMG 3670 - Practicum 3 Credit Hours
- SPMG 4584 - Pre-Internship Seminar in Sport Management 3 Credit Hours
- SPMG 4667 - Legal Issues for Sport Management 3 Credit Hours

I. Professional Content Electives: 15 Hours

(choose 5) (a)

ABM students can substitute the following graduate courses for the undergraduate course.
- SPMG 6130 Research and Assessment in Sport for SPMG 4680 Applied Research Method in Sport.
- SPMG 6140 Strategic Sales and Marketing for Sport Organizations for SPMG 4665 Sport Marketing and Promotion
- SPMG 6200 Intercollegiate Athletics Management for SPMG 4685 Special Topics
- SPMG 6300 Intro to Sport Analytics for SPMG 4685 Special Topics

- PHED 4603 - Advanced Concepts of Personal Training 3 Credit Hours
- SPMG 3660 - Managerial Ethics and Governance in Sport 3 Credit Hours

- SPMG 3662 - Management and Leadership in Sport Organizations 3 Credit Hours
- SPMG 3663 - Sport Facility Management 3 Credit Hours
- SPMG 4665 - Sport Marketing and Promotion 3 Credit Hours
- SPMG 4668 - Human Resource Management in Sport 3 Credit Hours
- SPMG 4680 - Applied Research Methods in Sport Management 3 Credit Hours
- SPMG 4685 - Special Topics in Sport Management 3 Credit Hours
- SPMG 4005 - Diversity and Inclusion in Sport 3 Credit Hours
- SPMG 4010 - Sport Event Management 3 Credit Hours
- SPMG 4015 - Fitness Management 3 Credit Hours
- SPMG 4020 - Foundational Management of Intercollegiate Athletics 3 Credit Hours
- SPMG 4025 - International Sport 3 Credit Hours
- SPMG 4030 - Sales and Promotion in Sport 3 Credit Hours
- SPMG 4035 - Social Media and Sport 3 Credit Hours
- SPMG 4040 - Sport Analytics and Fan Engagement 3 Credit Hours
- SPMG 4045 - Sport Management Entrepreneurship in Sport 3 Credit Hours
- SPMG 4000 - Collegiate Recreation 3 Credit Hours

Internship or Additional Coursework (a)

- SPMG 4686 - Internship 12 Credit Hours (b) or
  Professional Content Electives 12 Credit Hours
  (Choose 4 from list above)

III. Related Content - University approved minor: 15 Hours

See College of Education advisor for recommendations

Total: 123 Hours

(a) Requires admission to SPMG upper-level coursework.

(b) *Must have all course work complete and overall GPA of at least 2.5 prior to enrollment in SPMG 4686.*

No appeal process for students with less than 2.0 GPA

Sport Management Admission and Retention Requirements

In order to be admitted to Sport Management upper-level coursework, students must meet the following criteria:

Current UWG Students

- Minimum overall GPA of 2.0.
- Successful completion of Areas A-E.
- Successful completion of 15 of the 18 hours in Field of Study, including SPMG 2600 with a grade of C or better.

Transfer Students

- Transfer students will be admitted to Sport Management upper-level coursework once they have met the criteria for current UWG students.
- Transfer students who lack up to two courses in Core IMPACTS may take SPMG 2600 - Introduction 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 Core IMPACTS.

Applications deadlines and procedures are available on the department website.

I. Core IMPACTS
Students must complete all of the Core IMPACTS 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. Field of Study
Students must complete at least 15 of the 18 hours required in Field of Study prior to taking professional content courses. This includes SPMG 2600 - Introduction 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 2.0 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 2.0 while in the junior and senior years.
   D. In order to enroll in the internship, students must have a minimum overall GPA of 2.5.

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, biology, business administration, creative writing, economics, English, finance, management, marketing, mass communications, psychology, and sociology.

Accelerated Bachelor's to Master's Degree Eligibility Requirements

Students applying for the ABM Pathway in Sport Management must:

• Have completed at least 90 hours toward a B.S. in Sport Management.
• Have completed at least 30 hours of the 90 hours of coursework at the University of West Georgia.
• Have a UWG GPA of 3.2 or higher and must maintain that GPA while they are undergraduates.
• Meet all admission requirements for the M.S. in Sport Management with the exception of the complete B.S. in Sport Management.

Bachelor of Science in Education

Physical Education, B.S.Ed.

The Bachelor of Science in Education (B.S.Ed.) with a major in Physical Education prepares candidates for initial teacher certification in the field of health and physical education at the elementary, middle, and high school levels. Our emphasis on content and skill development across a range of sports and activities ensures that candidates have the knowledge, skills, and dispositions to help their P-12 students learn and develop physically active and healthy lifestyles.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours (a)

- PHED 2100 - Introduction to Sports, Coaching, Fitness, and Recreation 3 Credit Hours
- PHED 2602 - Introduction to Teaching Health and Physical Education 2 Credit Hours
- PHED 2605 - Functional Anatomy 3 Credit Hours
- PHED 2628 - First Aid and CPR for Education Majors 1 Credit Hours
- PHED 2300 - Positive Youth Development in Sport 3 Credit Hours
- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours (b)
- EDUC 2130 - Exploring Learning and Teaching 3 Credit Hours (b)

Physical Education Requirement: 3 Hours

- PWLA 1600 - Personal Wellness 2 Credit Hours
- PWLA (Any one hour activity course) 1

Professional Courses Required for the Degree: 60 Hours (c)

Foundations Block (Fall Junior Year): 16 Hours

- PHED 3501 - Skills and Strategies in Strength and Conditioning 2 Credit Hours
  OR
- PHED 3502 - Skills and Strategies in Target and Outdoor Activities 2 Credit Hours
- PHED 3503 - Skills and Strategies in Net and Wall Games 2 Credit Hours
  OR
- PHED 3504 - Skills and Strategies in Invasion Games 2 Credit Hours
- PHED 3725 - Human Movement Studies 3 Credit Hours
  OR
- PHED 3730 - Current Issues in Health and Physical Education 3 Credit Hours
- PHED 3670 - Instructional Strategies of Health and Physical Education 3 Credit Hours
- PHED 4501 - Contemporary Health Issues 3 Credit Hours
- CEPD 4101 - Educational Psychology 3 Credit Hours

Elementary Block (Spring Junior Year): 15 Hours

- PHED 3500 - Educational Games, Gymnastics, and Dance 2 Credit Hours
- PHED 3671 - Physical Education in Elementary Schools 3 Credit Hours
- PHED 4630 - Foundations and Principles of Coaching 3 Credit Hours
- PHED 4603 - Advanced Concepts of Personal Training 3 Credit Hours
- PHED 3720 - Adapted Physical Education Field Experience 1 Credit Hours
- SPED 3715 - The Inclusive Classroom: Differentiating Instruction 3 Credit Hours

Secondary Block (Fall Senior Year): 16 Hours

- PHED 3501 - Skills and Strategies in Strength and Conditioning 2 Credit Hours
  OR
- PHED 3502 - Skills and Strategies in Target and Outdoor Activities 2 Credit Hours
- PHED 3503 - Skills and Strategies in Net and Wall Games 2 Credit Hours
  OR
- PHED 3504 - Skills and Strategies in Invasion Games 2 Credit Hours
- PHED 3710 - Assessing Performance in Health and Physical Education 3 Credit Hours
- PHED 3675 - Physical Education in Middle and Secondary Schools 3 Credit Hours
- PHED 4502 - School Health Education 3 Credit Hours
- PHED 3725 - Human Movement Studies 3 Credit Hours
  OR
- PHED 3730 - Current Issues in Health and Physical Education 3 Credit Hours

Internship Block (Spring Senior Year): 13 Hours

- PHED 4686 - Teaching Internship 8 Credit Hours
- PHED 4689 - Teaching Internship Seminar 3 Credit Hours
- PHED 3401 - Integrating Technology into Health and Physical Education 2 Credit Hours
  OR
- MEDT 3402 - Integrating Technology into the Curriculum 2 Credit Hours

Total: 120 Hours

(a) Grade of "C" or better required

(b) 2.5 GPA required

(c)Requires admission to Teacher Education and a grade of "C" or better

Embedded Certificates

Embedded Certificate in Power Up for 30

Power Up for 30 is a program that provides training as part of a statewide initiative to combat childhood obesity. It is a program that encourages every elementary and middle school in Georgia to include an additional 30 minutes of physical activity each day. Power Up for 30 is integrated within PHED 4650 - Health and Physical Activity in Elementary Education (which is currently required in our B.S.Ed. with a major in Elementary Education), PHED 4689 - Teaching Internship Seminar (which is currently required in our B.S.Ed. with a major in Physical Education). A UWG Certificate is embedded in these programs by integrating the Power Up for 30 Training in PHED 4650 and PHED 4689 . Upon successful completion of the Power Up for 30 assignments, students will gain recognition of this UWG certificate on their final transcript.

Minor

Coaching Minor

This minor is designed to prepare future coaches to be successful in a variety of settings. The coaching minor will provide the fundamental knowledge essential for coaching sport. This includes not only skills and strategies of specific

game play, but the physiological, and psychological as well. This minor will also provide individuals the training to develop in the areas of philosophy, physical training, communication, motivation, and administrative aspects of coaching. The coaching minor will focus on developing future coaches in areas such as:

- Middle school and high school athletics
- Interscholastic and Intercollegiate athletics
- Recreation and Club Sport
- Athletic Administration and Management
- Fitness and Personal Training

The coaching profession intersects many facets of society. Consequently, the coaching minor has the ability to appeal to other majors who would like to expand their study to areas involving coaching. A minor in Coaching would allow students in other fields of study access to coursework to supplement their major studies and provide instruction not currently available in their home programs.

Learning Outcomes

1. Students will describe their own coaching philosophy based on educational research, while also articulating major coaching objectives and coaching styles.
2. Students will identify the behavioral and psychological principles for effective communication between coaches and athletes.
3. Students will develop research-based physical fitness program design and plans that incorporate all aspects of training, including the cardiorespiratory system, muscular strength and endurance, muscular power, flexibility, and nutritional recommendations.
4. Students will describe the numerous managerial issues and challenges when planning, organizing, staffing, and directing all aspects of an athletic program.
5. Students will evaluate the current practices and experiences of other coaches.

PROGRAM OF STUDY

Required Coursework: 10-11 Hours

- PHED 2100 - Introduction to Sports, Coaching, Fitness, and Recreation 3 Credit Hours (pre-requisite for PHED 3500 series)
- PHED 2628 - First Aid and CPR for Education Majors 1 Credit Hours (not required for CMWL majors)
- PHED 4630 - Foundations and Principles of Coaching 3 Credit Hours

2-3 of the following courses:

- PHED 3500 - Educational Games, Gymnastics, and Dance 2 Credit Hours
- PHED 3501 - Skills and Strategies in Strength and Conditioning 2 Credit Hours
- PHED 3502 - Skills and Strategies in Target and Outdoor Activities 2 Credit Hours
- PHED 3503 - Skills and Strategies in Net and Wall Games 2 Credit Hours
- PHED 3504 - Skills and Strategies in Invasion Games 2 Credit Hours
- PHED 3630 - Coaching Methods: Baseball and Softball 2 Credit Hours
- PHED 3631 - Coaching Basketball 2 Credit Hours
- PHED 3632 - Coaching Football 2 Credit Hours
- PHED 3633 - Coaching Methods: Soccer 2 Credit Hours
- PHED 3634 - Coaching Methods: Volleyball 2 Credit Hours

Elective coursework - Choose 2: 6 Hours

- PHED 4603 - Advanced Concepts of Personal Training 3 Credit Hours (does not qualify for CMWL students)
- CMWL 3210 - Principles of Nutrition 3 Credit Hours (does not qualify for CMWL students)
- PHED 4631 - Prevention and Care of Athletic Injuries 3 Credit Hours
- PHED 4640 - Coaching the Mental Side of Sport 3 Credit Hours
- PHED 4633 - Coaching Practicum 3 Credit Hours

Health & Community Wellness Minor

Learn the foundational concepts of health promotion, personal fitness training, and wellness education and coaching through coursework covering prevention, health improvement and maintenance, and behavior change within diverse populations. A minor in Health and Community Wellness requires a total of 15 credit hours, including the minor prerequisite courses CMWL 2100 - Intro to Health and Community Wellness and PHED 2628 - First Aid and CPR for Education Majors . Students must complete CMWL 2100 and PHED 2628 with a grade of C or better and maintain a GPA of 2.0 as part of the required minor before taking any of the remaining four courses.

Program of Study:

Prerequisites:

- PHED 2628 - First Aid and CPR for Education Majors 1 Credit Hours (with a grade of C or better)
- CMWL 2100 - Intro to Health and Community Wellness 2 Credit Hours (with a grade of C or better)

Choose 4 of the following:

- CMWL 3210 - Principles of Nutrition 3 Credit Hours
- CMWL 3220 - Principles and Foundations of Health Promotion and Education 3 Credit Hours
- CMWL 3240 - Current Issues and Trends in Fitness and Wellness Leadership 3 Credit Hours
- CMWL 3300 - Medical Terminology 3 Credit Hours
- CMWL 3302 - Healthcare Leadership & Policy 3 Credit Hours
- CMWL 3304 - Sexual Health & Wellness 3 Credit Hours
- CMWL 3101 - Mental and Emotional Wellness 3 Credit Hours
- CMWL 3401 - Technology in Health and Community Wellness 3 Credit Hours
- CMWL 4101 - Worksite Wellness Programs 3 Credit Hours
- CMWL 4103 - Applied Research Methods in Health and Community Wellness 3 Credit Hours
- PHED 4631 - Prevention and Care of Athletic Injuries 3 Credit Hours

Nutrition Promotion and Education Minor

The minor in Nutrition Promotion and Education is to provide students with a sound foundation of nutrition knowledge encompassing various aspects of the science of nutrition, to create advocates for good nutrition, and to empower future wellness, healthcare, fitness, and business professionals to share nutrition information effectively within their scope of practice.

Learning Outcomes

Having satisfied the requirements of the minor, students will be able to:

1. develop a foundation of nutrition knowledge including, but not limited to, macro- and micronutrients, sports, and lifecycle nutrition, food safety and quantity production, nutrition education and counseling, and nutrition-related policy (ACEND 2, 3, 6, 7, 8, 9, 12 13);

2. develop a deeper knowledge for the science of nutrition within an appropriate and respective scope of practice (ACEND 4); and

3. demonstrate nutrition knowledge complementary to their major field of study (ACEND 2, 4, 6).

Health and Community Wellness Majors

Coursework to Fulfill the Requirement

- CMWL 3210 - Principles of Nutrition 3 Credit Hours
  Prerequisite for the Nutrition Promotion and Education minor required in the CMWL major.

Five of the seven following courses are required to complete the minor:

- NUTR 3100 - Lifecycle Nutrition and Disease Management 3 Credit Hours
- NUTR 3200 - Sports Nutrition 3 Credit Hours
- NUTR 3300 - Nutrition-Focused Operational Management 3 Credit Hours
- NUTR 4100 - Nutrition Education and Counseling Strategies 3 Credit Hours
- NUTR 4200 - Fundamentals of Nutrition Policy: Poverty, Programs, Promotion and Practice 3 Credit Hours
- HIST 4580 - American Foodways 3 Credit Hours
- NUTR 4300 - Cultural Aspects of Food and Nutrition 3 Credit Hours

Non-Health and Community Wellness Majors

Coursework to Fulfill the Requirement

- CMWL 3210 - Principles of Nutrition 3 Credit Hours
  Prerequisite for Nutrition Promotion and Education minor.

Four of the seven following courses listed below are required to complete the minor:

- NUTR 3100 - Lifecycle Nutrition and Disease Management 3 Credit Hours
- NUTR 3200 - Sports Nutrition 3 Credit Hours
- NUTR 3300 - Nutrition-Focused Operational Management 3 Credit Hours
- NUTR 4100 - Nutrition Education and Counseling Strategies 3 Credit Hours
- NUTR 4200 - Fundamentals of Nutrition Policy: Poverty, Programs, Promotion and Practice 3 Credit Hours
- HIST 4580 - American Foodways 3 Credit Hours
- NUTR 4300 - Cultural Aspects of Food and Nutrition 3 Credit Hours

Sport Management Minor

A minor in Sport Management requires a total of 15 credit hours in SPMG courses. To qualify, students must complete the pre-requisite course SPMG 2600 - Introduction to Sport Management with a grade of C or better. After fulfilling the prerequisite requirement, the student must select 4 SPMG elective courses level 3000 or above and maintain a minor GPA of 2.0 or better.

Eligible courses for SPMG minor:

- SPMG 3660 - Managerial Ethics and Governance in Sport 3 Credit Hours
- SPMG 3661 - Sociology of Sport 3 Credit Hours
- SPMG 3662 - Management and Leadership in Sport Organizations 3 Credit Hours
- SPMG 3663 - Sport Facility Management 3 Credit Hours
- SPMG 3664 - Economics and Finance in Sport 3 Credit Hours
- SPMG 3665 - Communication in Sport 3 Credit Hours
- SPMG 4000 - Collegiate Recreation 3 Credit Hours
- SPMG 4005 - Diversity and Inclusion in Sport 3 Credit Hours
- SPMG 4010 - Sport Event Management 3 Credit Hours
- SPMG 4015 - Fitness Management 3 Credit Hours
- SPMG 4020 - Foundational Management of Intercollegiate Athletics 3 Credit Hours
- SPMG 4025 - International Sport 3 Credit Hours
- SPMG 4030 - Sales and Promotion in Sport 3 Credit Hours
- SPMG 4035 - Social Media and Sport 3 Credit Hours
- SPMG 4040 - Sport Analytics and Fan Engagement 3 Credit Hours
- SPMG 4045 - Sport Management Entrepreneurship in Sport 3 Credit Hours
- SPMG 4665 - Sport Marketing and Promotion 3 Credit Hours
- SPMG 4667 - Legal Issues for Sport Management 3 Credit Hours
- SPMG 4668 - Human Resource Management in Sport 3 Credit Hours
- SPMG 4670 - Practicum 3 Credit Hours
- SPMG 4680 - Applied Research Methods in Sport Management 3 Credit Hours
- SPMG 4685 - Special Topics in Sport Management 3 Credit Hours

Nexus

Digital Entertainment, Esports, and Game Development, Nexus

The Digital Entertainment, Esports and Game Development Nexus will give students a broad understanding of the digital entertainment aspects of the market sector. Academic institutions, along with practitioners have embraced Esports' commercial, educational, and research potential as a sport. Students will deepen their knowledge and practice in action-oriented curricula designed to meet the needs of the increasingly competitive gaming industry. That knowledge and practice also apply to the career path in Esports. In order to support the process, UWG provides Esports-focused curricula to deliver unique features within the Esports industry. This Nexus degree is based on content in digital entertainment, Esports, and game development. The Georgia Film Academy (GFA) launched the specific courses within the proposed Nexus Degree in 2021. The GFA "is a collaboration between the University System of Georgia and the Technical College System of Georgia. GFA has now certified over 10,000 students who were trained on Antman, Thor, Godzilla, Spiderman, Walking Dead, Insatiable, Zombieland 2, The Originals, Ozark - over 100 major Feature film and TV productions. This same approach to workforce development via industry partnerships is now being applied to Digital Media, Gaming and Esports" (Harris, 2021). The Nexus in Digital Entertainment, Esports and Game Development will have the flexibility to be applied to many bachelor's degrees at UWG giving students

multiple pathways for degree completion. This could include Bachelor's degrees in Computing, Interdisciplinary Studies, Marketing, Mass Communication, and Sport Management. The three, six-credit hours courses (GFA 1500, GFA 3510, and GFA 3520) in digital entertainment, Esports, and game development provide students with high-impact experiences through the partnership with GFA, and industry partners (Skillshot Media). The Nexus degree will allow students to gain an Associate's Degree and a valuable GFA Certification in an effort to be equipped and employable after just two years of course work. All credit hours can be applied to multiple Bachelor's degrees at UWG and students will be encouraged to pursue a Bachelor's Degree in their area of interest after completing the Nexus degree. Program Location : Carrollton Campus and Skillshot Media - 2470 Lindbergh Ln NE, Atlanta, GA 30324

Learning Outcomes:

1. Demonstrate professional skills in the fields of digital entertainment, esports, and game development.

2. Demonstrate knowledge of digital entertainment industry standards, organizational structure, professional equipment, and event procedures.

3. Demonstrate knowledge of digital entertainment industry competencies and work habits including standard procedures and protocols.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 hours

GFA Courses

- GFA 1500 - Intro Dgtl Entrnmnt, Esprt & Game 6 Credit Hours
- GFA 3510 - Dig Entertnmt & ESprt Evnt Des 6 Credit Hours
- GFA 3520 - Dig Entrtmnt & Esprt Creat Dev 6 Credit Hours
- GFA 4000 - Film, Television & Digital Entertainment Apprenticeship 6 Credit Hours

College of Humanities, Arts, and Social Sciences

Clint Samples, Interim Dean
https://www.westga.edu/chass

The College of Humanities, Arts, and Social Sciences (CHASS) houses three uniquely engaging schools that cater to our students' varying academic interests. Our students have the opportunity to experience the college curriculum not only in the classroom but in studios, laboratories, and the community. Students in CHASS cultivate valuable skills as artists, performers, researchers, writers, and thinkers, and graduate ready to shape and contribute to our rapidly changing 21st-century world.

The College of Humanities, Arts, and Social Sciences

- The Bachelor of Art, Bachelor of Fine Arts, Bachelor of Music and Bachelor of Science degrees, some with concentrations in teacher preparation
- Majors, minors, and certificates associated with each of its departments: (School of Visual and Performing Arts, School of Humanities, and School of Social Sciences

Graduation Requirement for Discipline-Specific Writing

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

DSW Requirements

- ENGL 1101 and ENGL 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. Programs may also elect to designate specific courses in allied disciplines that would fulfill the DSW requirement for the major.

DSW requirements vary from program to program: students should consult the catalog and program 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 program specifies otherwise. Students who elect this option and earn a grade of C or above in each of their writing-intensive classes will receive transcript notation of this accomplishment.

CHASS also helps support Interdisciplinary Minors and the Bachelor of Interdisciplinary Studies (B.I.S)**.** CHASS supports Interdisciplinary Pathways within the B.I.S. degree in Film, Forensic Science & Investigation, Religion, and Writing. For more information, see University College.

Schools and Disciplinary Areas

School of Humanities

- English
- History
- International Languages and Cultures
- Philosophy

School of Social Sciences

- Anthropology
- Psychology
- Sociology

School of Visual and Performing Arts

- Art
- Music
- Theatre

School of Humanities

Robert Kilpatrick, Director

https://www.westga.edu/humanities

English Program

www.westga.edu/english

Professors:

K. Casper, C. Davidson, M. Doyle (Head of Graduate Studies M.A. program), P. Erben (Program Coordinator), G. Fraser, R. Harrison, L. Haught, A. Insenga, L. Miller, M. Mitchell, D. Newton (Senior Fellow for Student Success), A. Umminger

Associate Professor:

S. Boyd

Assistant Professor:

C. Mitchell

Instructor:

J. Copelan

English majors receive advanced training in various modes of writing and rhetoric, professional text editing, literary analysis, cultural and historical studies, and critical thinking. English majors are trained to be sophisticated readers, writers, and editors of texts, and they are equipped to be adaptable for work in many career fields. Recent graduates in English have been admitted into law school and graduate schools in English, Professional / Technical Writing, and Education. English majors secure jobs in a variety of fields, including all areas of business (such as marketing and communications), computer-related fields, editing and publishing, public and private education, library sciences, and creative writing. Instead of teaching you vocational skills, the major in English prepares you for the real world where the demand is for individuals who can read and write effectively, learn and adapt to changing situations quickly, and work creatively and intelligently on their own.

Learning Outcomes

English majors will be able to:

1. Identify and assess the traditions, conventions, and contexts associated with the study of the English language and its literatures
2. Apply critical thinking skills to analyze, synthesize, and evaluate information and ideas from diverse oral, written, and/or visual sources
3. Conduct research, develop organizational strategies, and compose professional documents using the academic conventions of English studies as a discipline

The English Program also supports the following interdisciplinary minors

- **Africana Studies:** This interdisciplinary minor 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.
- **Film Studies:** The Film Studies Minor at the University of West Georgia is designed to educate and inspire students interested in film. The program complements the university's already strong liberal arts tradition and consists of a series of interdisciplinary courses from programs including English, International Languages and Cultures, History, Mass Communications, Theatre, and Psychology. These courses are designed to provide students with a solid background in the history, technical analysis, aesthetics and cultural significance of film. As an interdisciplinary minor, the film program encourages students to explore further the rich and diverse aesthetic, philosophical, historical, and cultural expressions articulated in films.
- **Gender and Sexuality Studies:** This interdisciplinary minor provides an academic forum for the examination of gender and sexuality in contemporary and historical global cultures.

For more information, see the University College section of the catalog.

The English Program also coordinates the Embedded Certificate in Publishing and Editing.

The Certificate in Publishing and Editing prepares you for the literally hundreds of careers in writing and in working with other people's writing in both academic and nonacademic workplaces.

History Program

https://www.westga.edu/academics/chass/humanities/history/index.php

Professors:

K. Bohannon, M. de Nie, C. Lipp, E. MacKinnon, K. Pacholl, T. Schroer (Chair, Department of General Education and Special Assistant to the Provost), G. Van Valen (Head of Graduate Studies M.A. program), C. Vasconcellos (Program Coordinator)

Associate Professors:

S. Chalifoux, M. Janzen (Director of the Center for Public History), L. Rivers

Senior Lecturer:

K. Adams (Center for Public History Manager and Assistant Director)

Instructors:

J.W. Davis, D. Kefentse, C. Powers, T. Watson

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:

1. Demonstrate content knowledge of history
2. Analyze primary and secondary sources for their historical content and interpretations
3. Demonstrate ability to research according to historical methods
4. Demonstrate writing skills that reflect persuasive historical arguments based on evidence and proper citation

History faculty believe that these learning outcomes will contribute to a student's ability to think historically, which includes: understanding the people of the past; understanding the perspectives of historical actors and to view those historical actors from a critical, scholarly perspective; recognizing that people, events, ideas, and cultures have influenced later people events, ideas, and cultures; recognizing that history involves both change and continuity over time; and explaining connections between particular people, events, ideas, or texts and their historical contexts.

The History Program also supports the following Interdisciplinary Minors:

- **Africana Studies**: This interdisciplinary minor 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.
- **Classical Studies**: In this interdisciplinary minor, students 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 through the study of the literature, languages, history, art, philosophy and political thought of the Greeks and Romans.
- **Gender and Sexuality Studies**: This interdisciplinary minor provides an academic forum for the examination of gender and sexuality in contemporary and historical global cultures.

The History Program also supports the following Stand-alone certificate:

- **Certificate in Latin American, Caribbean, and Latinx Studies**: The Latin American, Caribbean, and Latinx Studies Certificate offers an interdisciplinary approach to learning about the diverse cultures, languages and histories of this geographic region. With increasing numbers of Georgians speaking a language other than English at home, the Latin American, Caribbean, and Latinx Studies Certificate develops the cultural and linguistic awareness students need to participate effectively in an increasingly multicultural and multilingual workplace.

For more information, see the University College section of the catalog.

International Languages and Cultures Program

https://www.westga.edu/ilc

Professors:

L. Connell (French Section Head), E. Dahms, J. Farmer (Director of Ombuds Services), Y. Fuentes (Program Coordinator), R. Kilpatrick (Director), F. Tweraser (German Section Head), A. Zapata-Calle (Spanish Section Head)

Associate Professor:

A. Koczkas

Assistant Professor:

A. Claussen

Lecturers:

K. Dollinger, C. Ezekiel (Teacher Education Co-Coordinator)

Instructor:

L. Rios

ILC Overview

The program in International Languages and Cultures prepares students to thrive in an increasingly multicultural and globally-connected world. We offer degrees and minors in French, German, and Spanish as well as a Stand-Alone Certificate in Global Languages and Cultures. ILC provides our students with a wealth of cultural opportunities:

- Study abroad programs in Austria, Costa Rica, and France
- Exchange partnerships with institutions in Chile, France, and Germany
- Co-curricular activities such as film festivals, campus cultural celebrations, and undergraduate research.
- Interaction with caring faculty who are passionate about languages and their areas of study.

Students who study languages and cultures become more engaged global citizens while developing valuable skills in intercultural communication and research.

Learning Outcomes/Expected Results for all programs:

- Students will 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 demonstrate skills necessary to analyze cultures and practices of the tar-get areas.
- Students will demonstrate the capacity to present research in the target language on topics relevant to the study of foreign languages and cultures.

For Learning Outcomes on specific concentrations *please see the program website.*

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

The Program in International Languages and Cultures offers the following stand-alone certificate:

Certificate in Global Languages and Cultures:

This stand-alone certificate offers students an opportunity to reflect on and build connections between their study of languages and cultures, other disciplines, and various professional and/or academic paths. Students must successfully complete the following: nine hours of FREN/GRMN/SPAN 1001-2002 (at least 2001 in French, German, or Spanish); a three-hour "Global Languages and Cultures" colloquium, and one approved three-hour upper-level (3000/4000-level) elective (the International Languages and Cultures program coordinator will approve and maintain an ongoing list; all FORL/FREN/GRMN/SPAN Upper-level courses are approved). This is a fifteen-hour certificate. FORL 3000 is the only required course. There is no GPA requirement for the certificate.

The Program in International Languages and Cultures also supports the following stand-alone certificate:

Certificate in Latin American, Caribbean, and Latinx Studies:

The Latin American, Caribbean, and Latinx Studies Certificate offers an interdisciplinary approach to learning about the diverse cultures, languages and histories of this geographic region. With increasing numbers of Georgians speaking a language other than English at home, the Latin American, Caribbean, and Latinx Studies Certificate develops the

cultural and linguistic awareness students need to participate effectively in an increasingly multicultural and multilingual workplace.

The Program in International Languages and Cultures Program supports the following Interdisciplinary Minors:

- **Africana Studies:** This interdisciplinary minor 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.
- **Film Studies:** The Film Studies Minor at the University of West Georgia is designed to educate and inspire students interested in film. The program complements the university's already strong liberal arts tradition and consists of a series of interdisciplinary courses from programs including English, International Languages and Cultures, History, Mass Communications, Theatre, and Psychology. These courses are designed to provide students with a solid background in the history, technical analysis, aesthetics and cultural significance of film. As an interdisciplinary minor, the film program encourages students to explore further the rich and diverse aesthetic, philosophical, historical, and cultural expressions articulated in films.
- **Gender and Sexuality:** This interdisciplinary minor provides an academic forum for the examination of gender and sexuality in contemporary and historical global cultures.
- **Latin American Studies:** In this interdisciplinary minor, students have the opportunity to study languages and cultures of Latin America through coursework in the following disciplines: History, Political Science, Spanish, French, Music, XIDS, Geography, and Psychology.

For more information, see the University College section of the catalog.

Philosophy Program

Professor:https://www.westga.edu/academics/chass/humanities/philosophy/index.php

Professors:

J. Garner (Program Coordinator), R. Lane

Associate Professor:

W. Riker

Assistant Professor:

A. Hajkova

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 Law, Society, and Justice 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 views of at least three major historical figures of philosophy
- Critically analyze and explain a philosophical issue in written communications
- Incorporate and defend a philosophical position in oral communications

Bachelor of Art

English, B.A.

For all tracks, English majors must earn a C or better in all English courses required for the major. This includes ENGL 1101, ENGL 1102, ENGL 2001, ENGL 2110, ENGL 2120, ENGL 2130, ENGL 2180 and ENGL 2190 as well as all upper-level ENGL courses that count toward the major.

For all tracks, English majors can take no more than 2 upper-level ENGL courses toward the major (6 credit hours) before completing the required 2000 and 3000-level courses for the major (ENGL 2001, ENGL 2110, ENGL 3000 , and three of the following: ENGL 2060, ENGL 2120, ENGL 2130, ENGL 2180, ENGL 2190, and 3h max FREN/GRMN/SPAN 2001 or XIDS 2300-Intro to Linguistics).

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

* ENGL 1101 and ENGL 1102 are prerequisites for all courses from ENGL 2110 through ENGL 4386.

Field of Study: 18 Hours

Required Courses: 9 Hours

- ENGL 2001 - Introduction to Literature 3 Credit Hours
  (and)
- ENGL 2110 - World Literature 3 Credit Hours
  (and)
- FREN 1002 - Elementary French II 3 Credit Hours
  (or)
- GRMN 1002 - Elementary German II 3 Credit Hours
  (or)
- SPAN 1002 - Elementary Spanish II 3 Credit Hours

Choose three courses from the following: 9 Hours

Students must pick at least two ENGL courses from this category. Only one course from this list may be in FREN or GRMN or SPAN or XIDS.

*Note: The prerequisite for SPAN/FREN/GRMN 1002 is SPAN/FREN/GRMN 1001. English majors who do not take SPAN/FREN/GRMN 1001 in core IMPACTS areas I (Institutional Priorities) or A (Arts and Humanities) should take it in the English Field of Study area as one of their three optional courses. Students who have had at least three years of high school Spanish, French, or German may be able to test directly into SPAN/FREN/GRMN 1002 (or higher) via the Language Placement Exam administered by the International Languages and Cultures program. Consult the ILC website or speak with an advisor for details.

- ENGL 2060 - Introduction to Creative Writing 3 Credit Hours
- ENGL 2120 - British Literature 3 Credit Hours
- ENGL 2130 - American Literature 3 Credit Hours
- ENGL 2180 - Studies in African-American Literature 3 Credit Hours
- ENGL 2190 - Studies in Literature by Women 3 Credit Hours
- FREN 1001 - Elementary French I 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
- GRMN 1001 - Elementary German I 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
- XIDS 2300 - Interdisciplinary Studies in Social Sciences 3 Credit Hours

Requirements for the Major (Upper-Division Courses): 30 Hours

A. English: 3 Hours

- ENGL 3000 - Research and Methodology 3 Credit Hours

B. Literary History: 12 Hours *

Four (4) courses, one from each of the following areas:

- ENGL 4000 - Studies in British Lit. I 3 Credit Hours
- ENGL 4002 - Studies in British Lit. II 3 Credit Hours
- ENGL 4003 - Studies in American Lit. I 3 Credit Hours
- ENGL 4005 - Studies in American Lit. II 3 Credit Hours
  *Students may take additional offerings of Literary History courses as major electives.
  *Students may take two sections of the same course as long as the topic of the sections is different. For example, ENGL 4002 - British Romanticism and ENGL 4002 - Twentieth-Century British

C. English Major Electives: 12 Hours*

Four courses selected from ENGL 3000- or 4000-level courses.

** No more than one (1) variable-credit, independent study or internship may be counted 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.*

D. ENGL 4384: Senior Seminar 3 Hours *

- ENGL 4384 - Senior Seminar 3 Credit Hours
  No course may be substituted for the Senior Seminar.

* Prerequisites: 2000-level ENGL courses in Field of Study, ENGL 3000, and 18 additional hours of upper-level ENGL courses with a C or higher;

Minor and/or General Electives: 30 Hours *

** A minor is not required for the B.A. English degree.*

Total: 120 Hours

English, B.A. (Accelerated Bachelors to Masters (ABM) in English Education Track)

The Accelerated Bachelor's to Master's Degree Track in English at the University of West Georgia allows outstanding students who major in English or English Education to begin earning credit toward a graduate degree while completing their Bachelor's degree. Exceptional students admitted to the program may count up to six (6) hours in the M.A. capstone and thesis track toward both degrees. Upon completion of the undergraduate B.A. in English or B.A. in English Education, with a satisfactory undergraduate grade point average and a grade of "B" or better in all graduate courses completed, the student may move to full graduate status in the M.A in English graduate program, and the courses taken as an undergraduate will be applied toward the graduate degree.

Eligibility Requirements

Students applying for the ABM track in English must:

- Have completed at least 90 hours toward a B.A. in English or B.A. in English Education.
- Have completed at least 30 hours of the 90 hours of coursework at the University of West Georgia.
- Have a UWG GPA of 3.5 or higher or an English major GPA of 3.75 or higher and must maintain that GPA while they are undergraduates.
- Have taken English 3000.
- Meet all admission requirements for the M.A. in English with the exception of the complete B.A. in English or B.A. in English Education.
- Students applying for the accelerated program will not be required to take standardized admissions tests.

Application Process

- Meet with your advisor to discuss the program. This should take place when the student has reached a minimum of 60 hours and completed all Field of study coursework.
- Complete an application form for the Accelerated Bachelor's to Master's Degree (ABM) Track. This should take place in the semester before the student earns 90 hours.
- Complete a graduate application for the graduate degree program and submit all required documents for admission. This should occur at the same time that a student applies for the ABM Track.

Once a student has been accepted to the ABM track, the student should follow the prescribed plan of study and take only the courses approved for the ABM track. (Visit the department to obtain a full program sheet.) Students in the ABM track will be classified as undergraduates. Once a student has earned the bachelor's degree, the student's classification will be changed to graduate student.

Approved Graduate Courses for the Accelerated Bachelor's to Master's track

The table below shows the graduate courses for which students can receive credit towards both the graduate and undergraduate degrees, along with the undergraduate courses which they would replace. Students in the program may

receive credit for two such courses (in the M.A. capstone track or thesis track, which both require 30 hours of coursework). Undergraduate students admitted to the ABM track should take at least two (2) 4000-level courses *before* taking any of the 6000-level courses listed below.

Graduate Course	Replaced Undergraduate Course
ENGL 6105-Seminar in British Literature I	ENGL 4000-Studies in British Literature I
ENGL 6110-Seminar in American Literature I	ENGL 4003-Studies in American Literature I
ENGL 6115-Seminar in British Literature II	ENGL 4002-Studies in British Literature II
ENGL 6120-Seminar in American Literature II	ENGL 4005-Studies in American Literature II

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements: (42 Hours)

* ENGL 1101 and ENGL 1102 are prerequisites for all courses from ENGL 2110 through ENGL 4386 except ENGL 2060 .

Field of Study: 18 Hours

Required Courses: 9 Hours

ENGL 2001, ENGL 2110, and FREN 1002 or GRMN 1002 or SPAN 1002.

- ENGL 2001 - Introduction to Literature 3 Credit Hours
- ENGL 2110 - World Literature 3 Credit Hours
- FREN 1002 - Elementary French II 3 Credit Hours
- GRMN 1002 - Elementary German II 3 Credit Hours
- SPAN 1002 - Elementary Spanish II 3 Credit Hours

Choose three courses from the following: 9 Hours

Students must pick at least two ENGL courses from this category. Only one course from this list may be in FREN or GRMN or SPAN or XIDS.
*Note: The prerequisite for SPAN/FREN/GRMN 1002 is SPAN/FREN/GRMN 1001. English majors who do not take SPAN/FREN/GRMN 1001 in core IMPACTS areas I (Institutional Priorities) or A (Arts and Humanities) should take it in the English Field of Study area as one of their three optional courses. Students who have had at least three years of high school Spanish, French, or German may be able to test directly into SPAN/FREN/GRMN 1002 (or higher) via the Language Placement Exam administered by the International Languages and Cultures program. Consult the ILC website or speak with an advisor for details.

- ENGL 2120 - British Literature 3 Credit Hours
- ENGL 2130 - American Literature 3 Credit Hours
- ENGL 2180 - Studies in African-American Literature 3 Credit Hours
- ENGL 2190 - Studies in Literature by Women 3 Credit Hours
- FREN 1001 - Elementary French I 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
- GRMN 1001 - Elementary German I 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
- SPAN 1001 - Elementary Spanish I 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
- XIDS 2300 - Interdisciplinary Studies in Social Sciences 3 Credit Hours

Requirements for the Major (Upper-Division Courses): 30 Hours

A. Methods: 3 Hours

- ENGL 3000 - Research and Methodology 3 Credit Hours

B. Literary History: 12 Hours*

Approved Graduate Courses for the Accelerated Bachelor's to Master's Track

The courses below show the graduate courses for which students can receive credit towards both the graduate and undergraduate degrees, along with the undergraduate courses which they would replace. Students in the program may receive credit for two such courses (in the M.A. capstone track or thesis track, which both require 30 hours of coursework) or four such courses (in the M.A. non-thesis track, which requires 36 hours of coursework). Undergraduate students admitted to the ABM track should take at least two (2) 4000-level courses before taking any of the 6000-level courses listed below.

- ENGL 4000 - Studies in British Lit. I 3 Credit Hours or ENGL 6105 British Literature I
- ENGL 4002 - Studies in British Lit. II 3 Credit Hours or ENGL 6115 British Literature II
- ENGL 4003 - Studies in American Lit. I 3 Credit Hours or ENGL 6110 American Literature I
- ENGL 4005 - Studies in American Lit. II 3 Credit Hours or ENGL 6120 American Literature II
  Note: Students may take an additional offering of ENGL 4188 as a major elective

C. English Education Requirements: 9 Hours

- ENGL 4295 - Studies in Young Adult Literature 3 Credit Hours
- ENGL 3400 - Pedagogy and Writing 3 Credit Hours
- ENGL 4300 - Studies in the English Language 3 Credit Hours
  (English Grammar OR History of the English Language)

D. Electives: 3 Hours*

One Course selected from ENGL 3000- or 4000- level courses.

*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. Senior Seminar: 3 Hours*

*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.

- ENGL 4384 - Senior Seminar 3 Credit Hours

F. Professional Education Sequence: 25 Hours ****

- CEPD 4101 - Educational Psychology 3 Credit Hours **
- MEDT 3401 - Integrating Technology into the Curriculum 3 Credit Hours ****
- SPED 3715 - The Inclusive Classroom: Differentiating Instruction 3 Credit Hours
- SEED 4271 - Instruction, Assessment, and Management in the Secondary Classroom 2 Credit Hours **
- SEED 4271L - Instruction, Assessment, and Management in the Secondary Classroom Lab 1 Credit Hours **
- SEED 4238 - Instructional Strategies for Secondary English Education 3 Credit Hours **
- SEED 4238L - Instructional Strategies for Secondary English Education Laboratory 1 Credit Hours **
- SEED 4286 - Teaching Internship 6 Credit Hours **
- SEED 4289 - Teaching Internship Seminar 3 Credit Hours **

G. General Electives: 5 credit hours

Total: 120 Hours

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

See admission requirements in the College of Education.

****A grade of C or better is required in Courses in these sections

*****Prerequisite MEDT 2401 or exemption exam

English, B.A. (Accelerated Bachelors to Masters (ABM) Track)

The Accelerated Bachelor's to Master's Degree Track in English at the University of West Georgia allows outstanding students who major in English or English Education to begin earning credit toward a graduate degree while completing their Bachelor's degree. Exceptional students admitted to the program may count up to six (6) hours in the M.A. capstone and thesis track toward both degrees. Upon completion of the undergraduate B.A. in English or B.A. in English Education, with a satisfactory undergraduate grade point average and a grade of "B" or better in all graduate courses completed, the student may move to full graduate status in the M.A in English graduate program, and the courses taken as an undergraduate will be applied toward the graduate degree.

Eligibility Requirements

Students applying for the ABM track in English must:

- Have completed at least 90 hours toward a B.A. in English or B.A. in English Education.
- Have completed at least 30 hours of the 90 hours of coursework at the University of West Georgia.

- Have a UWG GPA of 3.5 or higher or an English major GPA of 3.75 or higher and must maintain that GPA while they are undergraduates.
- Have taken English 3000.
- Meet all admission requirements for the M.A. in English with the exception of the complete B.A. in English or B.A. in English Education.
- Students applying for the accelerated program will not be required to take standardized admissions tests.

Application Process

Meet with your advisor to discuss the program. This should take place when the student has reached a minimum of 60 hours and completed all Field of study coursework.

Complete an application form for the Accelerated Bachelor's to Master's Degree (ABM) Track. This should take place in the semester before the student earns 90 hours.

Complete a graduate application for the graduate degree program and submit all required documents for admission. This should occur at the same time that a student applies for the ABM Track.

Once a student has been accepted to the ABM track, the student should follow the prescribed plan of study and take only the courses approved for the ABM track. (Visit the department to obtain a full program sheet.) Students in the ABM track will be classified as undergraduates. Once a student has earned the bachelor's degree, the student's classification will be changed to graduate student.

Approved Graduate Courses for the Accelerated Bachelor's to Master's track

The table below shows the graduate courses for which students can receive credit towards both the graduate and undergraduate degrees, along with the undergraduate courses which they would replace. Students in the program may receive credit for two such courses (in the M.A. capstone track or thesis track, which both require 30 hours of coursework). Undergraduate students admitted to the ABM track should take at least two (2) 4000-level courses before taking any of the 6000-level courses listed below.

Graduate Course	Replaced Undergraduate Course
ENGL 6105-Seminar in British Literature I	ENGL 4000-Studies in British Literature I
ENGL 6110-Seminar in American Literature I	ENGL 4003-Studies in American Literature I
ENGL 6115-Seminar in British Literature II	ENGL 4002-Studies in British Literature II
ENGL 6120-Seminar in American Literature II	ENGL 4005-Studies in American Literature II

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

*ENGL 1101 and ENGL 1102 are prerequisites for all courses from ENGL 2110 through ENGL 4386.

Field of Study: 18 Hours

Required Courses: 9 Hours

- ENGL 2001 - Introduction to Literature 3 Credit Hours
(and)
- ENGL 2110 - World Literature 3 Credit Hours
(and)
- FREN 1002 - Elementary French II 3 Credit Hours
(or)
- GRMN 1002 - Elementary German II 3 Credit Hours
(or)
- SPAN 1002 - Elementary Spanish II 3 Credit Hours

Choose three courses from the following: 9 Hours

Students must pick at least two ENGL courses from this category. Only one course from this list may be in FREN or GRMN or SPAN or XIDS.
*Note: The prerequisite for SPAN/FREN/GRMN 1002 is SPAN/FREN/GRMN 1001. English majors who do not take SPAN/FREN/GRMN 1001 in core IMPACTS areas I (Institutional Priorities) or A (Arts and Humanities) should take it in the English Field of Study area as one of their three optional courses. Students who have had at least three years of high school Spanish, French, or German may be able to test directly into SPAN/FREN/GRMN 1002 (or higher) via the Language Placement Exam administered by the International Languages and Cultures program. Consult the ILC website or speak with an advisor for details.

- ENGL 2120 - British Literature 3 Credit Hours
- ENGL 2130 - American Literature 3 Credit Hours
- ENGL 2180 - Studies in African-American Literature 3 Credit Hours
- ENGL 2190 - Studies in Literature by Women 3 Credit Hours
- FREN 1001 - Elementary French I 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
- GRMN 1001 - Elementary German I 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
- SPAN 1001 - Elementary Spanish I 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
- XIDS 2300 - Interdisciplinary Studies in Social Sciences 3 Credit Hours

Requirements for the Major (Upper-Division Courses): 30 Hours

A. English: 3 Hours

- ENGL 3000 - Research and Methodology 3 Credit Hours

B. Literary History: 12 Hours*

Approved Graduate Courses for the Accelerated Bachelor's to Master's Track

The courses below show the graduate courses for which students can receive credit towards both the graduate and undergraduate degrees, along with the undergraduate courses which they would replace. Students in the program may receive credit for two such courses (in the M.A. capstone track or thesis track, which both require 30 hours of coursework). Undergraduate students admitted to the ABM track should take at least two (2) 4000-level courses before taking any of the 6000-level courses listed below.

- ENGL 4000 - Studies in British Lit. I 3 Credit Hours or ENGL 6105 British Literature I
- ENGL 4002 - Studies in British Lit. II 3 Credit Hours ENGL 6115 British Literature II
- ENGL 4003 - Studies in American Lit. I 3 Credit Hours
  or ENGL 6110 American Literature I
- ENGL 4005 - Studies in American Lit. II 3 Credit Hours or ENGL 6120 American Literature II

Note:

Students may take additional offerings of Literary History courses as major electives.

*Students may take two sections of the same course as long as the topic of the sections is different. For example, ENGL 4002 - British Romanticism and ENGL 4002 - Twentieth-Century British

- ENGL 4002 - Studies in British Lit. II 3 Credit Hours

C. English Major Electives: 12 Hours

Four courses selected from ENGL 3000- or 4000-level courses.

*No more than one (1) variable-credit, independent study or internship may be counted toward the major.

D. ENGL 4384: Senior Seminar 3 Hours*

*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.

- ENGL 4384 - Senior Seminar 3 Credit Hours

Minor and/or General Electives: 30 Hours*

*A minor is not required for the B.A. English degree.

Total: 120 Hours

English, B.A. (Secondary Education Track)

For all tracks, English majors must earn a C or better in all English courses required for the major. This includes ENGL 1101, ENGL 1102, ENGL 2001, ENGL 2110, ENGL 2120, ENGL 2130, ENGL 2180 and ENGL 2190 as well as all upper-level ENGL courses that count toward the major.

For all tracks, English majors can take no more than 2 upper-level ENGL courses toward the major (6 credit hours) before completing the required 2000 and 3000-level courses for the major (ENGL 2001, ENGL 2110, ENGL 3000, and

three of the following: ENGL 2060, ENGL 2120, ENGL 2130, ENGL 2180, ENGL 2190, and 3h max FREN/GRMN/SPAN 2001 or XIDS 2300-Intro to Linguistics).

The English Education track is one of two tracks that the Bachelor's student majoring in English may declare. The coursework in this program provides students with the opportunity to obtain a B.A. in English with a concentration in Secondary Education. At the end of this course of study, students are not only prepared to be knowledgeable practitioners of their content area-English and Language Arts-but may apply for and receive Secondary Education Certification as a result of knowledge gained in the classroom and from 900 hours of in-the-field training. Course objectives and activities relate to the descriptors of the Conceptual Framework in substantive ways.

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 the Core IMPACTS General Education Requirements; 2) overall minimum GPA of 2.7; 3) demonstrated writing proficiency or completion of ENGL 1101 with a grade of C or better; 4) demonstrated oral communication proficiency or completion of COMM 1110 with a grade of C or better; 5) satisfactory completion of the Georgia Educator Ethics Assessment (Test 360); and 6) 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

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

** ENGL 1101 and ENGL 1102 are prerequisites for all courses from ENGL 2110 through ENGL 4386 except ENGL 2060.*

Field of Study: 18 Hours

Required Courses: 9 Hours

ENGL 2001, ENGL 2110, and FREN 1002 or GRMN 1002 or SPAN 1002.

- ENGL 2001 - Introduction to Literature 3 Credit Hours
- ENGL 2110 - World Literature 3 Credit Hours
- FREN 1002 - Elementary French II 3 Credit Hours
- GRMN 1002 - Elementary German II 3 Credit Hours
- SPAN 1002 - Elementary Spanish II 3 Credit Hours

Choose three courses from the following: 9 Hours

Students must pick at least two ENGL courses from this category. Only one course from this list may be in FREN or GRMN or SPAN or XIDS.

*Note: The prerequisite for SPAN/FREN/GRMN 1002 is SPAN/FREN/GRMN 1001. English majors who do not take SPAN/FREN/GRMN 1001 in core IMPACTS areas I (Institutional Priorities) or A (Arts and Humanities) should take it in the English Field of Study area as one of their three optional courses. Students who have had at least three years of high school Spanish, French, or German may be able to test directly into SPAN/FREN/GRMN 1002 (or higher) via the Language Placement Exam administered by the International Languages and Cultures program. Consult the ILC website or speak with an advisor for details.

- ENGL 2120 - British Literature 3 Credit Hours
- ENGL 2130 - American Literature 3 Credit Hours
- ENGL 2180 - Studies in African-American Literature 3 Credit Hours
- ENGL 2190 - Studies in Literature by Women 3 Credit Hours
- FREN 1001 - Elementary French I 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
- GRMN 1001 - Elementary German I 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
- SPAN 1001 - Elementary Spanish I 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
- XIDS 2300 - Interdisciplinary Studies in Social Sciences 3 Credit Hours

Requirements for the Major (Upper-Division Courses): 30 Hours

A. Methods: 3 Hours

- ENGL 3000 - Research and Methodology 3 Credit Hours

B. Literary History: 12 Hours *

Four (4) courses, one from each of the following areas:

- ENGL 4000 - Studies in British Lit. I 3 Credit Hours
- ENGL 4002 - Studies in British Lit. II 3 Credit Hours
- ENGL 4003 - Studies in American Lit. I 3 Credit Hours
- ENGL 4005 - Studies in American Lit. II 3 Credit Hours
  **Students may take additional offerings of Literary History courses as major electives. Students may take two sections of the same course as long as the topic of the sections is different. For example, ENGL 4002 - British Romanticism and ENGL 4002 - Twentieth-Century British*

C. English Education Requirements: 9 Hours

- ENGL 4295 - Studies in Young Adult Literature 3 Credit Hours
- ENGL 3400 - Pedagogy and Writing 3 Credit Hours
- ENGL 4300 - Studies in the English Language 3 Credit Hours
  (English Grammar OR History of the English Language)

D. Electives: 3 Hours *

One course selected from ENGL 3000- or 4000- level courses.

** 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. Senior Seminar:3 Hours *

- ENGL 4384 - Senior Seminar 3 Credit Hours

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

F. Professional Education Sequence: 25 Hours ****

- CEPD 4101 - Educational Psychology 3 Credit Hours **
- MEDT 3401 - Integrating Technology into the Curriculum 3 Credit Hours *****
- SPED 3715 - The Inclusive Classroom: Differentiating Instruction 3 Credit Hours
- SEED 4271 - Instruction, Assessment, and Management in the Secondary Classroom 2 Credit Hours **
- SEED 4271L - Instruction, Assessment, and Management in the Secondary Classroom Lab 1 Credit Hours **
- SEED 4238 - Instructional Strategies for Secondary English Education 3 Credit Hours **
- SEED 4238L - Instructional Strategies for Secondary English Education Laboratory 1 Credit Hours **
- SEED 4286 - Teaching Internship 6 Credit Hours **
- SEED 4289 - Teaching Internship Seminar 3 Credit Hours **

G. General Electives: 5 credit hours

Total: 120 Hours

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

See admission requirements in the College of Education.

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

History, B.A.

The History Program prepares students for career success in a variety of areas, including education, museum, and law, among others. The History B.A. provides majors with relevant skills, particularly those of analysis, interpretation, and communication. The major offers options and stresses flexibility so that students can take ownership of their learning process. Overall, studying the past in the History Program can build the foundations of future achievement, as the skills gained in the major give students the ability to adapt to and master changing situations no matter what the future holds.

Learning Outcomes

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

1. Demonstrate content knowledge of history

2. Analyze primary and secondary sources for their historical content and interpretations

3. Demonstrate ability to research according to historical methods

4. Demonstrate writing skills that reflect persuasive historical arguments based on evidence and proper citation

History faculty believe that these learning outcomes will contribute to a student's ability to think historically, which includes: understanding the people of the past; understanding the perspectives of historical actors and to view those historical actors from a critical, scholarly perspective; recognizing that people, events, ideas, and cultures have influenced later people events, ideas, and cultures; recognizing that history involves both change and continuity over time; and explaining connections between particular people, events, ideas, or texts and their historical contexts.

Certification Programs

B.A. students do have the option to replace the traditional Minor field with either one of two certification programs.

Secondary Education

This program will prepare you for success as a secondary-school teacher. You will work both with the History Program and the College of Education, taking both History and Education classes. If you fulfill all program requirements, you will graduate with State of Georgia certification to teach at the secondary level, placing you in a competitive position within the job market.

Public History

This program prepares students for success as leaders in the broad interdisciplinary field of Public History. Public Historians work outside of colleges and university, in such places like museums, archives, and local, regional, and national historic preservation organizations. The UWG Public History Certificate Program will introduce you to the foundational skill sets for success in a growing and thriving field.

Interdisciplinary Minors

The History Program also supports the following Interdisciplinary Minors:

• Africana Studies: This interdisciplinary minor 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.

• Classical Studies: In this interdisciplinary minor, students 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 through the study of the literature, languages, history, art, philosophy and political thought of the Greeks and Romans.

• Gender and Sexuality Studies: This interdisciplinary minor provides an academic forum for the examination of gender and sexuality in contemporary and historical global cultures.

For more information, see the University College section of the catalog.

Stand-Alone Certificate:

The History Program also supports the following stand-alone certificate:

• Certificate in Latin American, Caribbean, and Latinx Studies: The Latin American, Caribbean, and Latinx Studies Certificate offers an interdisciplinary approach to learning about the diverse cultures, languages and histories of this geographic region. With increasing numbers of Georgians speaking a language other than English at home, the Latin American, Caribbean, and Latinx Studies Certificate develops the cultural and linguistic awareness students need to participate effectively in an increasingly multicultural and multilingual workplace.

For more information, see the University College section of the catalog.

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area T must include a laboratory course

- HIST 1111 - Survey of World History/Civilization I 3 Credit Hours
- HIST 1112 - Survey of World History/Civilization II 3 Credit Hours
- HIST 2111 - U S History I (to 1865) 3 Credit Hours
- HIST 2112 - U S History II (since 1865) 3 Credit Hours

Field of Study: 18 Hours

- HIST 2302 - The Historian's Craft: Methodology 3 Credit Hours (must earn a C or better)
- Courses selected from ANTH, CS, ECON, EDUC, ENGL, FORL, FREN, GRMN, SPAN, GEOG, XIDS, PHIL, POLS, PSYC, SOCI, and Statistics. (no more than 6 hours from any one area) 3-12

Whatever has not been taken under Core IMPACTS Area S or P, or exempted: 3-6 Hours

- HIST 1111 - Survey of World History/Civilization I 3 Credit Hours **(or)**
- HIST 1112 - Survey of World History/Civilization II 3 Credit Hours **(or)**
- HIST 2111 - U S History I (to 1865) 3 Credit Hours **(or)**
- HIST 2112 - U S History II (since 1865) 3 Credit Hours

Courses Required for the Degree: 30 Hours

- HIST 4484 - Senior Seminar 3 Credit Hours
- At least one upper-level course in U.S. History and at least one upper-level course outside of U.S. History; seven additional electives, at least one focused on the pre-1850 period. 27 Credit Hours

Minor Field: 15 Hours

Electives, All Options: 9-12 Hours

Total: 120 Hours

Both HIST 2111 and HIST 2112 must be taken by History majors unless exempt. Either course satisfies the state requirement. HIST 1111 and HIST 1112 are also required of majors unless exempt. HIST 1111, HIST 1112, HIST 2111, and HIST 2112 must be taken in Core IMPACT Areas S and P and Field of Study.

Students must have a minimum 2.0 institutional GPA requirement to enter and remain in the major in good standing.

History, Secondary Education Certification, B.A.

This program will prepare you for success as a secondary-school teacher. You will work both with the History Program and the College of Education, taking both History and Education classes. If you fulfill all program requirements, you will graduate with State of Georgia certification to teach at the secondary level, placing you in a competitive position within the job market.

Certification to teach in the state of Georgia has requirements beyond academic curriculum. See the Office of Teacher Certification for more details.

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.

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

- History, remainder of World or US Surveys 3-6
- HIST 2302 - The Historian's Craft: Methodology 3 Credit Hours
- Approved Electives from ANTH, CS, ECON, EDUC, ENGL, FORL, FREN, GRMN, SPAN, GEOG, XIDS, PHIL, POLS, PSYC, SOCI and Statistics (no more than 6 hrs. from any one area) 9-12 Credit Hours

Requirements for the Major: 30 Hours

- HIST 4484 - Senior Seminar 3 Credit Hours
- HIST 4474 - History of Georgia 3 Credit Hours
- At least one upper-level course in U.S. History and at least one upper-level course outside of U.S. History; six additional electives with at least one focused on the pre-1850 period and at least one focused on cultural diversity. 24 Credit Hours

Secondary Education: 25 Hours

- SPED 3715 - The Inclusive Classroom: Differentiating Instruction 3 Credit Hours [1]
- MEDT 3401 - Integrating Technology into the Curriculum 3 Credit Hours [1]
- CEPD 4101 - Educational Psychology 3 Credit Hours [*]
- SEED 4243 - Instructional Strategies for Secondary Social Studies Education 3 Credit Hours [2] [*]

- SEED 4243L - Instructional Strategies for Secondary Social Studies Education Laboratory 1 Credit Hours **
- SEED 4271 - Instruction, Assessment, and Management in the Secondary Classroom 2 Credit Hours [2] *
- SEED 4271L - Instruction, Assessment, and Management in the Secondary Classroom Lab 1 Credit Hours **
- SEED 4286 - Teaching Internship 6 Credit Hours [2] *
- SEED 4289 - Teaching Internship Seminar 3 Credit Hours [2] *

Note:

All education and major courses should be completed prior to enrollment in SEED 4286 and SEED 4289.

General Electives: 5 Hours

Total: 120 Hours

[1] *Minimum 2.7 GPA and advisor code, Prerequisite to Teacher Ed admission*

[2] *Field experiences required*

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

International Languages and Cultures, Certification Track (French or Spanish), B.A.

The program in International Languages and Cultures prepares students to thrive in an increasingly multicultural and globally-connected world. We offer degrees and minors in French, German, Spanish as well as a Stand-Alone Certificate in Global Languages and Cultures. We also offer a BA in Teaching Certification in French and Spanish. Students who study languages and cultures become more engaged global citizens while developing valuable skills in intercultural communication and research.

Requirements

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 Georgia Educator Ethics Assessment (Test 360) and the following courses prior to being admitted to the College of Education.

- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours
- EDUC 2130 - Exploring Learning and Teaching 3 Credit Hours

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

Concentration in Spanish with P-12 Certification

Choose ONE of the following two options:

Option A:

- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
- GRMN 1002 - Elementary German II 3 Credit Hours
  (or)
- FREN 1002 - Elementary French II 3 Credit Hours
  (or)
  3 credits from additional Field of Study approved for second major or degree
  (and)
- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours
- EDUC 2130 - Exploring Learning and Teaching 3 Credit Hours
- MEDT 2501 - Multiple Literacies for Ed. 3 Credit Hours

Option B:

Students must complete through the 2001 level in a second language unless they complete a second major or a second degree. In that case, 9 hours of approved courses for the additional Field of Study may replace this requirement. (Applies only after completing a second major or degree)

- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours
- EDUC 2130 - Exploring Learning and Teaching 3 Credit Hours
- MEDT 2501 - Multiple Literacies for Ed. 3 Credit Hours
  (and)
  3 hours from additional Field of Study approved for second major or degree (see note above)

Concentration in French with P-12 Certification

Choose ONE of the following two options:

Option A:

- FREN 1002 - Elementary French II 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
- GRMN 1002 - Elementary German II 3 Credit Hours
  (or)
- SPAN 1002 - Elementary Spanish II 3 Credit Hours
  (or)
  3 credits from additional Field of Study approved for second major or degree
  (and)
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education 3 Credit Hours
- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours
- EDUC 2130 - Exploring Learning and Teaching 3 Credit Hours

Option B:

Students must complete through the 2001 level in a second language unless they complete a second major or a second degree. In that case, 9 hours of approved courses for the additional Field of Study may replace this requirement. (Applies only after completing a second major or degree)

- FREN 1002 - Elementary French II 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours
- EDUC 2130 - Exploring Learning and Teaching 3 Credit Hours
- MEDT 2501 - Multiple Literacies for Ed. 3 Credit Hours
  (and)
  3 hours from additional Field of Study approved for second major or degree (see note below)

Spanish Majors must take:

Spanish majors must complete 25 semester hours: 15 credit hours of required SPAN courses and 6 credit hours of SPAN electives above SPAN 3015 and 3 credit hours of FORL 3000 Global Languages and Cultures (or future cross listed FREN/GRMN/SPAN and 1 credit hour from SPAN 4484 Senior Capstone.

25 major credit hours from required SPAN courses

- SPAN 3015 - Spanish for Professions 3 Credit Hours
- SPAN 3030 - Introduction to Hispanic Literature 3 Credit Hours
- SPAN 3102 - Spanish Composition 3 Credit Hours
- SPAN 4012 - Spanish Culture and Civilization 3 Credit Hours
  (or)
- SPAN 4013 - Latin American Culture and Civilization 3 Credit Hours
  (and)
- SPAN 4040 - Spanish Linguistics 3 Credit Hours
  (or)
- SPAN 4170 - Advanced Language Skills 3 Credit Hours
  (and)
- SPAN 4484 - Senior Capstone 1 Credit Hours
  (and)
- FORL 3000 - Global Languages and Cultures Colloquium 3 Credit Hours
  (and)
  6 credit hours of SPAN electives above SPAN 3015

French Majors must take:

25 major credit hours from required FREN courses

25 major credit hours from required FREN courses

- FREN 3100 - Composition and Conversation 3 Credit Hours
- FREN 3211 - Topics in French Culture 3 Credit Hours
- FREN 4000 - Advanced French Translation 3 Credit Hours
  (or)
- FREN 4310 - Francophone Civilization 3 Credit Hours
  (or)

- FREN 4320 - French Civilization and Culture 3 Credit Hours
  (and)
- FORL 3000 - Global Languages and Cultures Colloquium 3 Credit Hours
  (and)
- FREN 4484 - Senior Capstone 1 Credit Hours
  (and)
  12 credit hours from 4 FREN courses at FREN 3000 and 4000 level

Both French and Spanish majors must take the following courses:

- FORL 4501 - Foundations of Language Development 3 Credit Hours
- FORL 4502 - Methods of Foreign Language Teaching 3 Credit Hours
- SEED 4271 - Instruction, Assessment, and Management in the Secondary Classroom 2 Credit Hours
- SEED 4271L - Instruction, Assessment, and Management in the Secondary Classroom Lab 1 Credit Hours
- CEPD 4101 - Educational Psychology 3 Credit Hours
- SPED 3715 - The Inclusive Classroom: Differentiating Instruction 3 Credit Hours
- MEDT 3401 - Integrating Technology into the Curriculum 3 Credit Hours
- FORL 4586 - Teaching Internship 3.0 - 9.0 Credit Hours

Note:

They must complete through the 2001 level in a second language unless they complete a second major or a second degree. In that case, 9 hours of approved courses for the additional Field of Study may replace this requirement. Certification candidates must have a GPA of 2.7 or higher.

8 credit hours from electives

ILC strongly recommends to its majors that electives be courses at the 3000 level level or above in their major language

International Languages and Cultures, French Track, B.A.

The program in International Languages and Cultures prepares students to thrive in an increasingly multicultural and globally-connected world. We offer degrees and minors in French, German, Spanish as well as a Stand-Alone Certificate in Global Languages and Cultures. We also offer a BA in Teaching Certification in French and Spanish. Students who study languages and cultures become more engaged global citizens while developing valuable skills in intercultural communication and research.

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

Choose ONE of the following two options:

Option A:

- FREN 1002 - Elementary French II 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
  (and)
- GRMN 1001 - Elementary German I 3 Credit Hours
- GRMN 1002 - Elementary German II 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
  (or)
- SPAN 1001 - Elementary Spanish I 3 Credit Hours
- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
  (and)
- Any 1000 or 2000 level course from ANTH, ART, COMM, ECON, ENGL, GEOG, HIST, PHIL, POLS, PSYC, SOCI, THEA

Option B:

(only available if second major or second degree completed)

- FREN 1002 - Elementary French II 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
  (and)
- 12 hours from additional Field of Study approved for second major or second degree

Courses Required for the Degree: 25 Hours

Note:

French majors need to complete 13 semester hours of required French courses and 12 semester hours from 4 FREN courses at FREN 3000 and 4000 level. The required 13 semester hours include:

- FREN 3100 - Composition and Conversation 3 Credit Hours (may be taken 3 times for credit with different content)
- FREN 3211 - Topics in French Culture 3 Credit Hours
- FREN 4000 - Advanced French Translation 3 Credit Hours
  (or)
- FREN 4310 - Francophone Civilization 3 Credit Hours **(or)**
- FREN 4320 - French Civilization and Culture 3 Credit Hours
  (and)
- FORL 3000 - Global Languages and Cultures Colloquium 3 Credit Hours
  (and)
- FREN 4484 - Senior Capstone 1 Credit Hours
  (and)
- 12 credit hours from 4 FREN courses at FREN 3000 and 4000 level.

Electives: 32 Hours

The International Languages and Cultures Program strongly recommends to its majors that 3 electives be courses at the 3000 or above level in their major language.

Total: 120 Hours

International Languages and Cultures, German Track, B.A.

The program in International Languages and Cultures prepares students to thrive in an increasingly multicultural and globally-connected world. We offer degrees and minors in French, German, Spanish as well as a Stand-Alone Certificate in Global Languages and Cultures. We also offer a BA in Teaching Certification in French and Spanish. Students who study languages and cultures become more engaged global citizens while developing valuable skills in intercultural communications and research.

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

Choose ONE of the following two options:

Option A:

- GRMN 1002 - Elementary German II 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
  (and)
- FREN 1001 - Elementary French I 3 Credit Hours
- FREN 1002 - Elementary French II 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
  (or)
- SPAN 1001 - Elementary Spanish I 3 Credit Hours
- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
  (and)
- Any 1000 or 2000 level course from ANTH, ART, COMM, ECON, ENGL, GEOG, HIST, PHIL, POLS, PSYC, SOCI, THEA

Option B:

(only available if second major or second degree completed)

- GRMN 1002 - Elementary German II 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
  (and)
- 12 hours from additional Field of Study approved for second major or second degree

Courses Required for the Degree: 25 Hours

Note:

German majors need to complete 13 required semester hours of German courses and 12 semester hours from 4 GRMN courses at GRMN 3000 and 4000 level. The 13 required credit hours include:

- GRMN 3101 - Conversational German 3 Credit Hours
  (can be taken twice for credit with different content)
  (and)
- GRMN 3102 - German Composition 3 Credit Hours
  (can be taken twice for credit with different content)
  (and)
- any 4000 GRMN course
- FORL 3000 - Global Languages and Cultures Colloquium 3 Credit Hours
  (and)
- GRMN 4484 - Senior Capstone 1 Credit Hours
  (and)
- 12 credit hours from 4 GRMN courses at GRMN 3000 and 4000 level

In Addition

Students are required to have either done an internship or language program in a German-speaking country. This is NOT necessarily a credit hour or course requirement, as participation in a study abroad program satisfies it and certain non-credit-bearing internships, with the permission of the German faculty, could as well. 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: 35 Hours

The International Languages and Cultures Program 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 Hours

International Languages and Cultures, Spanish Track, B.A.

The program in International Languages and Cultures prepares students to thrive in an increasingly multicultural and globally-connected world. We offer degrees and minors in French, German, and Spanish as well as a Stand-Alone Certificate in Global Languages and Cultures. We also offer a BA in Teaching Certification in French and Spanish. Students who study languages and cultures become more engaged global citizens while developing valuable skills in intercultural communication and research.

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

Choose ONE of the following two options:

Option A:

- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
  (and)
- FREN 1001 - Elementary French I 3 Credit Hours
- FREN 1002 - Elementary French II 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
  (or)
- GRMN 1001 - Elementary German I 3 Credit Hours
- GRMN 1002 - Elementary German II 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
  (and)
- Any 1000 or 2000 level courses from ANTH, ART, COMM, ECON, ENGL, GEOG, HIST, PHIL, POLS, PSYC, SOCI, THEA

Option B:

(only available if second major or second degree completed)

- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
  (and)
- 12 hours from additional Field of Study approved for second major or second degree

Courses Required for the Degree: 25 Hours

Note:

Spanish majors need to complete 15 credit hours of required Spanish courses and 3 credit hours of FORL 3000 and 6 credit hours of SPAN electives above SPAN 3015 and 1 credit hour of Spanish Capstone

- SPAN 3015 - Spanish for Professions 3 Credit Hours
- SPAN 3030 - Introduction to Hispanic Literature 3 Credit Hours
- SPAN 3102 - Spanish Composition 3 Credit Hours
- SPAN 4012 - Spanish Culture and Civilization 3 Credit Hours
  (or)
- SPAN 4013 - Latin American Culture and Civilization 3 Credit Hours
- SPAN 4040 - Spanish Linguistics 3 Credit Hours
  (or)

- SPAN 4170 - Advanced Language Skills 3 Credit Hours
- FORL 3000 - Global Languages and Cultures Colloquium 3 Credit Hours
  (or)
- Future cross-listed FREN/GRMN/SPAN courses
  (and)
- 6 credit hours of SPAN 3000 or 4000 level courses
- SPAN 4484 - Senior Capstone 1 Credit Hours

Electives: 35 Hours

The International Languages and Cultures Program strongly recommends to its majors that 3 electives be courses at the 3000 or above level in their major language.

Total: 120 Hours

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.

Philosophy, B.A.

In addition to Core IMPACTS and elective hours, the B.A. in philosophy requires 21 hours of upper-level (3/4000-level) coursework in philosophy. Our emphasis is on applied ethics, law and justice, and the history of Western philosophy. Students may choose from a wide range of courses in the history of philosophy, as well as courses dealing with a wide range of contemporary philosophical questions and issues.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

Choose two (2) courses from the following set: 6 Hours

(Approved Substitutes Listed Below)

- PHIL 2010 - Introduction to Philosophy 3 Credit Hours
- PHIL 2020 - Critical Thinking 3 Credit Hours
- PHIL 2030 - Introduction to Ethics 3 Credit Hours
  Approved Substitutes:
  (a) For PHIL 2010 students may substitute the following: PHIL 3100, PHIL 3105, PHIL 3110, PHIL 3120, PHIL 3140, PHIL 3160, PHIL 3301, or other approved substitute. (b) For PHIL 2020 students may substitute the following: PHIL 4160, or other approved substitute. (c) For PHIL 2030 students may substitute the following: PHIL 3115, PHIL 3180, PHIL 3300, PHIL 3310, PHIL 3315, PHIL 3320, PHIL 4110, PHIL 4120, PHIL 4130, PHIL 4240, or other approved substitute.

Take 3 hours from this set:

Take any 1/2/3/4000-level course(s) summing to 3 hours. (Excludes PWLA courses)

- FORL 2100 - Language and Identity 3 Credit Hours
- FORL 2200 - Survey of National Literatures 3 Credit Hours
- FORL 2300 - Topics in National Literatures 3 Credit Hours
- FREN 2002 - Intermediate French II 3 Credit Hours
- GRMN 2002 - Intermediate German II 3 Credit Hours
- SPAN 2002 - Intermediate Spanish II 3 Credit Hours
  Or the equivalent in a language other than English; or an approved 2000-level FORL course.

Take 9 hours from this set:

Take any 1/2/3/4000-level non-philosophy (non-PHIL) courses summing to 9 hours. (Excludes PWLA courses)

Upper-Division Major Courses: 3 Hours

- PHIL 4300 - Senior Seminar 3 Credit Hours

Upper-Division Major Electives: 18 Hours

Choose an additional ten (6) 3/4000-level PHIL courses: 18 Hours

* PHIL 3315 Contemporary Moral Problems may count no more than twice towards Upper-Division Major Electives.

Optional Concentration in Applied Ethics: 9 Hours

In addition to Core IMPACTS and elective hours, the B.A. in philosophy requires 21 hours of upper-level (3/4000-level) coursework in philosophy. In this concentration, students engage in the academic study of philosophy in nine (9) hours of courses such as Technology and Human Values, Biomedical Ethics, and Professional Ethics, among others. To complete their degree, students may choose from among a variety of other classes covering the history of philosophy and a wide range of philosophical questions and issues. For this concentration, students must choose three (3) of the following:

- PHIL 3300 - Biomedical Ethics 3 Credit Hours
- PHIL 3310 - Environmental Ethics 3 Credit Hours
- PHIL 3315 - Contemporary Moral Problems 3 Credit Hours
- PHIL 3320 - Technology and Human Values 3 Credit Hours
- PHIL 4110 - Philosophy of Law 3 Credit Hours
- PHIL 4120 - Professional Ethics 3 Credit Hours
- PHIL 4130 - Feminist Philosophy 3 Credit Hours
- PHIL 4240 - Philosophy and Ethics of Love and Sex 3 Credit Hours

Optional Concentration in Law, Justice, and Society: 9 Hours

In addition to Core IMPACTS and elective hours, the B.A. in philosophy requires 21 hours of upper-level (3/4000-level) coursework in philosophy. In this concentration, students take courses that relate philosophy to the law, politics,

and justice. To complete their degree, students may choose from among a variety of other classes covering the history of philosophy and a wide range of philosophical questions and issues. For this concentration, students must choose three (3) of the following:

- PHIL 3115 - Political Philosophy 3 Credit Hours
- PHIL 3180 - Moral Theories 3 Credit Hours
- PHIL 3300 - Biomedical Ethics 3 Credit Hours
- PHIL 3310 - Environmental Ethics 3 Credit Hours
- PHIL 4110 - Philosophy of Law 3 Credit Hours
- PHIL 4120 - Professional Ethics 3 Credit Hours
- PHIL 4130 - Feminist Philosophy 3 Credit Hours

Open Electives (e.g. any additional courses as needed for optional Certificate(s), Minor(s), Double-Major or Double-Degree (recommended), and/or general Open Elective coursework): 39 Hours

Total: 120 Hours

** No more than two variable-credit or independent-study courses may count toward the major.*

Philosophy, Religion Track, B.A.

In addition to Core IMPACTS and elective hours, the B.A. in philosophy with a concentration in religion requires 33 hours of upper-level (3/4000) coursework in philosophy. Students engage in the academic study of religion and philosophy in courses such as Theories of Religion, Christian Thought, Islamic Thought, and Philosophy of Religion. To complete their degree, students may choose from among a variety of other classes covering the history of philosophy and a wide range of philosophical questions and issues.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

- PHIL 2010 - Introduction to Philosophy 3 Credit Hours
- PHIL 2020 - Critical Thinking 3 Credit Hours
- PHIL 2030 - Introduction to Ethics 3 Credit Hours
- PHIL 2130 - Introduction to World Religions 3 Credit Hours

Choose one (1) course from the following: 3 hours

- FREN 2001 - Intermediate French I 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours

Or the equivalent in a language other than English. 3 Credit Hours

Choose one (1) course from the following: 3 Hours

- FORL 2100 - Language and Identity 3 Credit Hours
- FORL 2200 - Survey of National Literatures 3 Credit Hours
- FORL 2300 - Topics in National Literatures 3 Credit Hours
- FREN 2002 - Intermediate French II 3 Credit Hours
- GRMN 2002 - Intermediate German II 3 Credit Hours
- SPAN 2002 - Intermediate Spanish II 3 Credit Hours
- Or the equivalent in a language other than English; or an approved 2000-level FORL course. 3 Credit Hours

Upper Division Major Required Courses: 9 Hours

- PHIL 3100 - Ancient Philosophy 3 Credit Hours
- PHIL 4300 - Senior Seminar 3 Credit Hours

Choose one (1) of the following courses:

- PHIL 3105 - Medieval to Early Modern Philosophy 3 Credit Hours
- PHIL 3110 - Modern Philosophy 3 Credit Hours

Upper-Division Major Religion Track Courses: 9 Hours

Choose three (3) of the following courses: 9 Hours

- PHIL 3105 - Medieval to Early Modern Philosophy 3 Credit Hours
- PHIL 3205 - Theories of Religion 3 Credit Hours
- PHIL 3220 - Christian Thought 3 Credit Hours
- PHIL 3250 - Islamic Thought 3 Credit Hours
- PHIL 4230 - Philosophy of Religion 3 Credit Hours

Upper Division Major Elective Courses: (15 Hours)

Choose an additional five (5) 3/4000-level PHIL courses, including at least one (1) from each of the following areas:

A.

- PHIL 3120 - American Pragmatism 3 Credit Hours
- PHIL 3301 - History and Philosophy of Science 3 Credit Hours
- PHIL 4150 - Analytic Philosophy 3 Credit Hours
- PHIL 4160 - Symbolic Logic 3 Credit Hours

B.

- PHIL 3140 - Existentialism 3 Credit Hours

- PHIL 3160 - Philosophy in Literature and Film 3 Credit Hours
- PHIL 4240 - Philosophy and Ethics of Love and Sex 3 Credit Hours

C.

- PHIL 3115 - Political Philosophy 3 Credit Hours
- PHIL 3180 - Moral Theories 3 Credit Hours
- PHIL 4110 - Philosophy of Law 3 Credit Hours
- PHIL 4120 - Professional Ethics 3 Credit Hours
- PHIL 4130 - Feminist Philosophy 3 Credit Hours
- PHIL 3300 - Biomedical Ethics 3 Credit Hours
- PHIL 3310 - Environmental Ethics 3 Credit Hours

Minor (optional) and/or Electives: 27 Hours

Total: 120 Hours

Embedded Certificates

Embedded Certificate in DSW

A student may elect to double the basic DSW requirements [ENGL 1101 and ENGL 1102 and two 3000/4000 level W-classes], 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.

Embedded Certificate in Public History

This Certificate introduces West Georgia students to the interdisciplinary field of public history and provides students with specific training to be successful in the field. The completion of this Certificate program gives students an edge in today's highly competitive job market. The training for the Certificate encourages students to engage in interdisciplinary research and community outreach activities.

Public historians are historians who "do history outside of the academy," whether in a museum, historical society, archives, historic preservation office, or other type of local or regional history association or organization.
This Certificate introduces students to these careers and begins building skillsets in addition to those gained as part of the student's major. Students who engage in public history training build intercultural awareness and aptitude as community bridge-builders; these are less tangible traits but ones that are crucial to students' future civic life.

The Certificate program is open to all UWG undergraduate students interested in career opportunities in this field. Because public history is interdisciplinary, students from a variety of fields may see the opportunity for potential careers in this field, including not only history but art history, studio art, anthropology, business, marketing, English, and other humanities fields. Regardless of your major, this Certificate will provide training for participants in areas such as career preparation, professionalism, and work experience.

History majors can count the Public History Certificate as a minor field, if desired.

Students must formally apply with the Undergraduate Public History Advisor, Ms. Keri

Adams, in the History Program. Please contact her at madams@westga.edu or

By phone at 678-839-5275.

Requirements

Three required courses (7 hours)

- HIST 4400 - Introduction to Public History 3 Credit Hours
- HIST 4101 - Professionalism in Public Prac 1 Credit Hours
- HIST 4486 - Public History Internship 3.0 - 6.0 Credit Hours

One Upper-Level History Course, 3000 or 4000 level (3 hours)

History majors may count a course in their major field towards this requirement.

One Seminar in Public History Practices and Theory from Appendix A (3 hours)

Two Public History Electives, chosen from Appendix B (6-7 hours)

At least one of these courses must be outside of the History field. Please note that additional courses may be acceptable for this field with the program advisor's approval.

Appendix A

- HIST 4401 - Theory and Practice of Oral History 3 Credit Hours
- HIST 4402 - Introduction to Archival Theory and Practice 3 Credit Hours
- HIST 4403 - Introduction to Museum Studies 3 Credit Hours
- HIST 4404 - History of American Architecture 3 Credit Hours

Appendix B

- HIST 4401 - Theory and Practice of Oral History 3 Credit Hours
- HIST 4402 - Introduction to Archival Theory and Practice 3 Credit Hours
- HIST 4403 - Introduction to Museum Studies 3 Credit Hours
- HIST 4404 - History of American Architecture 3 Credit Hours
- ABED 3100 - Business Communication 3 Credit Hours
- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ANTH 3103 - Archaeological Laboratory Methods 3 Credit Hours
- ANTH 3170 - Religion in America: The Shakers and Other Utopian Societies 3 Credit Hours
- ANTH 3180 - Environment and Health: Anthropological Perspectives 3 Credit Hours
- ANTH 3188 - Ethnographic Field Methods 4 Credit Hours

- ANTH 4102 - Archaeological Field Research 4 Credit Hours
- ANTH 4105 - Environmental Archaeology 3 Credit Hours
- ANTH 4115 - North American Archaeology 3 Credit Hours
- ANTH 4181 - Cultural Resources Management 3 Credit Hours
- ANTH 4201 - Artifact Analysis 3 Credit Hours
- ART 3701 - Intro to Photography 3 Credit Hours
- ART 3210 - Non-Western Art 3 Credit Hours
- ART 3220 - Art of the Ancient World 3 Credit Hours
- ART 3240 - Italian Renaissance or Baroque Art 3 Credit Hours
- ART 3250 - 18th or 19th Century Art 3 Credit Hours
- ART 3260 - American Art 3 Credit Hours
- ART 3270 - Pre-World War II Modernism 3 Credit Hours
- ART 3275 - Art Since 1945 3 Credit Hours
- ART 3280 - Museum Seminar 3.0 - 4.0 Credit Hours
- ART 3401 - Graphic Design I 3 Credit Hours
- ART 3403 - History of Graphic Design 3 Credit Hours
- ENGL 3405 - Professional and Technical Writing 3 Credit Hours
- GEOG 2553 - Introduction to GIS and Mapping Sciences 3 Credit Hours
- GEOG 3085 - Selected Topics in Regional Geography 3 Credit Hours
- GEOG 3643 - Urban Geography 3 Credit Hours
- GEOG 3644 - Atlanta's Geographies 3 Credit Hours
- GEOG 4553 - Geographic Information System 4 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours
- MKTG 4808 - Marketing Information Systems and Research 3 Credit Hours
- MKTG 3810 - Social Media and Online Marketing 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- THEA 3290 - Costume Design 3 Credit Hours
- THEA 3415 - Playwriting I: Devised Theatre 3 Credit Hours
- THEA 4415 - Playwriting II 3 Credit Hours

Embedded Certificate in Publishing and Editing

The Certificate in Publishing and Editing prepares you for the literally hundreds of careers in writing and in working with other people's writing in both academic and nonacademic workplaces.

Learning Outcomes

1. Students will demonstrate the ability to content edit, copyedit, and proof to eliminate errors in thinking, grammar, expression, presentation, and set up, for both digital and paper-based text.
2. Students will demonstrate mastery of basic digital proficiencies in computer applications relevant to publishing and editing, such as Microsoft Word, Publisher, and Excel and Adobe Creative Suite.
3. Students will demonstrate mastery of front-of-the-house processes, such as content building, organization, and curation, table of contents design and presentation, and the crafting of and presentation of editing decisions.

Program of Study

Some courses may count both in the core or major and for the certificate. ENGL 3410 and 4300 will be prerequisites for ENGL 4405.

- ENGL 3410 - Technology for Editors/Writers 3 Credit Hours
- ENGL 4300 - Studies in the English Language 3 Credit Hours (Grammar)
- ENGL 4405 - Publishing and Editing 3 Credit Hours
- ENGL 4386 - Internship 3 Credit Hours (*LURe or eclectic*) (repeatable once)

Total hours: 12-15

Stand Alone Certificates

Certificate of Less than One Year in Ethics

The Ethics Certificate is a stand alone certificate in the philosophical study of ethics. This certificate is intended for students in any discipline, as it will provide students with skills and knowledge relevant to many aspects of their professional and personal lives. Courses in the certificate program engage students in the philosophical study of both theoretical and applied ethics. Students who earn this certificate will not only be able to demonstrate to prospective employers their knowledge of and commitment to ethics in the professional sphere, but will also be better equipped to analyze and evaluate the most difficult and controversial challenges facing our society today.

Learning Outcomes

Upon successful completion of the Ethics Certificate program, students will be able to:

1. Demonstrate knowledge of the foundational concepts of ethics.
2. Critically analyze moral problems from a philosophical perspective.
3. Make a cogent moral argument.

Required (3 credit hours):

- PHIL 2030 - Introduction to Ethics 3 Credit Hours

Choose any three (9 credit hours total):

- PHIL 3115 - Political Philosophy 3 Credit Hours
- PHIL 3180 - Moral Theories 3 Credit Hours
- PHIL 3300 - Biomedical Ethics 3 Credit Hours
- PHIL 3310 - Environmental Ethics 3 Credit Hours
- PHIL 3315 - Contemporary Moral Problems 3 Credit Hours
- PHIL 3320 - Technology and Human Values 3 Credit Hours
- PHIL 4110 - Philosophy of Law 3 Credit Hours
- PHIL 4120 - Professional Ethics 3 Credit Hours
- PHIL 4130 - Feminist Philosophy 3 Credit Hours
- PHIL 4240 - Philosophy and Ethics of Love and Sex 3 Credit Hours

Certificate of Less than One Year in Global Languages and Cultures

This stand-alone certificate offers students an opportunity to reflect on and build connections between their study of languages and culture, other disciplines, and various professional and/or academic paths. Students must successfully complete the following: nine hours of FREN/GRMN/SPAN 1001-2002 (at least 2001 in French, German, or Spanish); a three-hour "Global Languages and Cultures" colloquium, and one approved three-hour upper-level (3000/4000-level) elective (the International Languages and Cultures program coordinator will approve and maintain an ongoing list; all FORL/FREN/GRMN/SPAN Upper-level courses are approved). This is a fifteen-hour certificate. FORL 3000 is the only required course. There is no GPA requirement for the certificate.

Learning Outcomes

1. Students will critically evaluate the role of multilingualism in intercultural competency.
2. Students will identify and evaluate historical and current trends related to language usage in the southeastern United States.
3. Students will identify and evaluate professional and/or academic opportunities in the southeastern United States related to language proficiency and their personal goals.

Foundational language and culture courses (9 credit hours)

Students must take 9 credit hours in FREN/GRMN/SPAN 1001-2002. A minimum of 2001 is required in at least one of these languages. Initial course depends on language placement. Courses at lower levels may be purchased through the ILC credit by exam process

- FREN 1001 - Elementary French I 3 Credit Hours
- FREN 1001C - Elementary French I - Block 3 Credit Hours
- FREN 1002 - Elementary French II 3 Credit Hours
- FREN 1002C - Elementary French II - Block 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
- FREN 2002 - Intermediate French II 3 Credit Hours
- GRMN 1001 - Elementary German I 3 Credit Hours
- GRMN 1001C - Elementary German I - Block 3 Credit Hours
- GRMN 1002 - Elementary German II 3 Credit Hours
- GRMN 1002C - Elementary German II-Block 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
- GRMN 2002 - Intermediate German II 3 Credit Hours
- SPAN 1001 - Elementary Spanish I 3 Credit Hours
- SPAN 1001C - Elementary Spanish I - Block 3 Credit Hours
- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- SPAN 1002C - Elementary Spanish II - Block 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
- SPAN 2001B - Intermediate Spanish I-Block 3 Credit Hours
- SPAN 2002 - Intermediate Spanish II 3 Credit Hours
- SPAN 2002B - Intermediate Spanish II-Block 3 Credit Hours

Global Languages and Cultures Colloquium (3 credit hours)

Required Global Languages and Cultures Colloquium (3 credit hours). FREN/GRMN/SPAN 2001 is a concurrent prerequisite.

- FORL 3000 - Global Languages and Cultures Colloquium 3 Credit Hours

Approved upper-level elective (3 credit hours)

All 3-hr 3000/4000-level courses with the FORL/FREN/GRMN/SPAN prefix are approved. Program Coordinator will approve upper-level options from other disciplines in consultation with International Languages and Cultures faculty. The upper-level elective may be taken at any point in the certificate.

- FORL 3111 - World Film 3 Credit Hours
- FORL 4185 - Topics in Language and Literature 3 Credit Hours
- FORL 4300 - Seminar in Global Studies 3 Credit Hours
- FORL 4485 - Topics in National Film Traditions 3 Credit Hours
- FORL 4501 - Foundations of Language Development 3 Credit Hours
- FORL 4502 - Methods of Foreign Language Teaching 3 Credit Hours
- FORL 4586 - Teaching Internship 3.0 - 9.0 Credit Hours
- FREN 3100 - Composition and Conversation 3 Credit Hours
- FREN 3210 - Topics in French Literature 3 Credit Hours
- FREN 3211 - Topics in French Culture 3 Credit Hours
- FREN 3212 - Topics in Francophone Cinema 3 Credit Hours
- FREN 3220 - Survey of French Literature I 3 Credit Hours
- FREN 3221 - Survey of French Literature II 3 Credit Hours
- FREN 3450 - Business French 3 Credit Hours
- FREN 4000 - Advanced French Translation 3 Credit Hours
- FREN 4150 - Advanced Grammar and Linguistics 3 Credit Hours
- FREN 4210 - French Literature and Film 3 Credit Hours
- FREN 4220 - Contemporary French Literature 3 Credit Hours
- FREN 4230 - Classical French Drama 3 Credit Hours
- FREN 4240 - French Poetry 3 Credit Hours
- FREN 4310 - Francophone Civilization 3 Credit Hours
- GRMN 3101 - Conversational German 3 Credit Hours
- GRMN 3102 - German Composition 3 Credit Hours
- GRMN 3450 - German for Careers 3 Credit Hours
- GRMN 3986 - Total Immersion in German 1.0 - 3.0 Credit Hours
- GRMN 4170 - Advanced Language Skills 3 Credit Hours
- GRMN 4200 - Seminar in German Literature 3 Credit Hours
- GRMN 4210 - Turn of the Century German and Austrian Culture 3 Credit Hours
- GRMN 4220 - German Culture through Film 3 Credit Hours
- GRMN 4230 - Kafka and the Kafkaesque in Literature and Film 3 Credit Hours
- GRMN 4240 - Mystery and Horror in German Literature and Film 3 Credit Hours
- GRMN 4250 - Contemporary German Cinema 3 Credit Hours
- GRMN 4260 - Austrian Literature and Culture 3 Credit Hours
- GRMN 4300 - German Civilization 3 Credit Hours
- SPAN 3030 - Introduction to Hispanic Literature 3 Credit Hours
- SPAN 3101 - Spanish Conversation 3 Credit Hours
- SPAN 3102 - Spanish Composition 3 Credit Hours
- SPAN 3450 - Spanish for Business 3 Credit Hours
- SPAN 4003 - Latin-American Novel 3 Credit Hours
- SPAN 4004 - Hispanic Drama 3 Credit Hours
- SPAN 4006 - Latin-American Poetry 3 Credit Hours
- SPAN 4007 - Latin-American Short Story 3 Credit Hours

- SPAN 4012 - Spanish Culture and Civilization 3 Credit Hours
- SPAN 4013 - Latin American Culture and Civilization 3 Credit Hours
- FREN 4785 - Special Topics in French 1.0 - 3.0 Credit Hours
- GRMN 4785 - Special Topics in German 1.0 - 3.0 Credit Hours
- SPAN 4785 - Special Topics in Spanish 1.0 - 3.0 Credit Hours

Certificate of Less than One Year in Latin American, Caribbean, and Latinx Studies

The Stand-alone certificate in Latin American, Caribbean and Latinx studies offers UWG students from any degree program the opportunity to learn about the diverse cultures and languages of this geographic region. The certificate also gives our Latin American, Latinx and Caribbean students the opportunity to see their languages and cultures reflected in our curriculum and signals that their heritage is worthy of academic study. Students will take an Intro to Latin American, Caribbean, and Latinx Studies XIDS course; complete through 1002 in an approved language (French, Haitian Creole*, Portuguese, Spanish); and choose from an multidisciplinary selection of courses for a total of 15 credit hours.

Learning Outcomes:

1. Identify key historical influences affecting Latinx and/or Caribbean people living in the US or elsewhere outside of the geographic boundaries of Latin America and the Caribbean.

2. Identify some of the most important current circumstances of Latinx and/or Caribbean people living in the US or elsewhere outside of the geographic boundaries of Latin America and the Caribbean.

3. Synthesize the hemispheric and global connections between Latin America, the Caribbean and Latinx people and other places and peoples.

Foundational language and culture courses (6 credit hours)

Students must take 6 credit hours in FREN/SPAN 1001-1002 or other approved language (Portuguese, Haitian Creole). A minimum of 1002 is required in at least one of these languages. Initial course depends on language placement. Courses at lower levels may be purchased through the ILC credit by exam process.

- FREN 1001 - Elementary French I 3 Credit Hours
- FREN 1002 - Elementary French II 3 Credit Hours
- FREN 1001C - Elementary French I - Block 3 Credit Hours
- FREN 1002C - Elementary French II - Block 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
- FREN 2002 - Intermediate French II 3 Credit Hours
- SPAN 1001 - Elementary Spanish I 3 Credit Hours
- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
- SPAN 2002 - Intermediate Spanish II 3 Credit Hours
- SPAN 1001C - Elementary Spanish I - Block 3 Credit Hours
- SPAN 1002C - Elementary Spanish II - Block 3 Credit Hours
- SPAN 2001B - Intermediate Spanish I-Block 3 Credit Hours
- SPAN 2002B - Intermediate Spanish II-Block 3 Credit Hours

Intro. to Latin American, Caribbean, and Latinx Studies (3 credit hours)

This course is required for the Certificate in Latin American, Caribbean, and Latinx Studies.

- XIDS 2100 - Arts and Ideas: Special Topics 3 Credit Hours
  (Must select topic of Intro to Latin American, Caribbean, and Latinx Studies)

Approved upper-level elective courses (6 credit hours)

Program Coordinator will approve upper-level options from other disciplines in consultation with International Languages and Cultures faculty. The upper-level electives may be taken at any point in the certificate.

- ANTH 4144 - Peoples and Cultures of Latin America 3 Credit Hours
- ANTH 4146 - Latin@s in the United States 3 Credit Hours
- FREN 4310 - Francophone Civilization 3 Credit Hours
- HIST 3326 - Colonial Latin America 3 Credit Hours
- HIST 3327 - Latin America Since Independence 3 Credit Hours
- HIST 4301 - Latin American Women 3 Credit Hours
- HIST 4303 - History of the Caribbean 3 Credit Hours
- HIST 4422 - U.S. and Latin American Relations 3 Credit Hours
- HONR 4385 - Special Topics 3 Credit Hours
  (Must select topic of The Golden Age of Piracy)
- SPAN 4003 - Latin-American Novel 3 Credit Hours
- SPAN 4006 - Latin-American Poetry 3 Credit Hours
- SPAN 4007 - Latin-American Short Story 3 Credit Hours
- SPAN 4013 - Latin American Culture and Civilization 3 Credit Hours
- SPAN 4205 - Hispanic Literature and Culture in Context 3 Credit Hours
- SPAN 4785 - Special Topics in Spanish 1.0 - 3.0 Credit Hours

Minor

Creative Writing Minor

Requirements

The courses required for the minor are:

- ENGL 2060 - Introduction to Creative Writing 3 Credit Hours

Two different genre specific sections of: 6 Hours

- ENGL 3200 - Intermediate Creative Writing 3 Credit Hours **(or)**
- ENGL 4386 - Internship 3 Credit Hours

Two sections of: 6 Hours

- ENGL 4210 - Advanced Creative Writing 3 Credit Hours **(or)**

- ENGL 4386 - Internship 3 Credit Hours

Note:

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.

Internships must be approved for the minor by the Creative Writing Coordinator.

Total: 15 Hours

History Minor

Requirements

- One additional course from either the United States History or the World History two-semester sequences (lower division) 3 **or**
- HIST 2302 - The Historian's Craft: Methodology
- Four additional upper-level history electives, chosen from at least two fields 12

Total: 15 Hours

Courses for the History minor are routinely offered fully online; therefore, students may complete the minor by taking all required courses online.

International Languages and Cultures, Minor in French, German, Spanish

The program in International Languages and Cultures prepares students to thrive in an increasingly multicultural and globally-connected world. We offer degrees and minors in French, German, Spanish as well as a Stand-Alone Certificate in Global Languages and Cultures. We also offer a BA in Teaching Certification in French and Spanish. Students who study languages and cultures become more engaged global citizens while developing valuable skills in intercultural communication and research.

Requirements

Minors in French, German, Spanish require 18 credit hours.

Minor in French

Minor in French requires 18 credit hours

- FREN 1002 - Elementary French II 3 Credit Hours
- FREN 2001 - Intermediate French I 3 Credit Hours
- FREN 3100 - Composition and Conversation 3 Credit Hours
- FORL 3000 - Global Languages and Cultures Colloquium 3 Credit Hours
  (and)
- 2 upper-level courses with FREN prefix

Minor in German

Minor in German requires 18 credit hours

- GRMN 1002 - Elementary German II 3 Credit Hours
- GRMN 2001 - Intermediate German I 3 Credit Hours
- GRMN 3101 - Conversational German 3 Credit Hours
- FORL 3000 - Global Languages and Cultures Colloquium 3 Credit Hours
(and)
- 2 upper-level courses with GRMN prefix 6 Credit Hours

Minor in Spanish

Minor in Spanish requires 18 credit hours

- SPAN 1002 - Elementary Spanish II 3 Credit Hours
- SPAN 2001 - Intermediate Spanish I 3 Credit Hours
- SPAN 3015 - Spanish for Professions 3 Credit Hours
- SPAN 3102 - Spanish Composition 3 Credit Hours
- FORL 3000 - Global Languages and Cultures Colloquium 3 Credit Hours
(and)
- 1 upper-level course with SPAN prefix

Literature Minor

Requirements

No course with the same number may be taken twice for credit toward the minor in literature.

Students must take one of the following:

- ENGL 2110 - World Literature 3 Credit Hours
- ENGL 2120 - British Literature 3 Credit Hours
- ENGL 2130 - American Literature 3 Credit Hours
- ENGL 2180 - Studies in African-American Literature 3 Credit Hours
- ENGL 2190 - Studies in Literature by Women 3 Credit Hours

Research and Methodology

- ENGL 3000 - Research and Methodology 3 Credit Hours

Upper-division English Courses

- Twelve (12) hours chosen from upper-division 4000-level English literature courses.
- ENGL 4000 - Studies in British Lit. I 3 Credit Hours
- ENGL 4002 - Studies in British Lit. II 3 Credit Hours

- ENGL 4003 - Studies in American Lit. I 3 Credit Hours
- ENGL 4005 - Studies in American Lit. II 3 Credit Hours
- ENGL 4106 - Studies in Genre 3 Credit Hours
- ENGL 4109 - Film as Literature 3 Credit Hours
- ENGL 4170 - Studies in African-American Literature 3 Credit Hours
- ENGL 4180 - Studies in Regional Literature 3 Credit Hours
- ENGL 4185 - Studies in Literature by Women 3 Credit Hours
- ENGL 4188 - Studies in Individual Authors 3 Credit Hours
- ENGL 4295 - Studies in Young Adult Literature 3 Credit Hours
- ENGL 4385 - Special Topics 3 Credit Hours

In addition to these courses:

Students may also choose one (1) upper-division writing course for credit within the minor in literature. This class will replace three hours of credit in upper-level English literature courses.

- ENGL 3200 - Intermediate Creative Writing 3 Credit Hours
- ENGL 3400 - Pedagogy and Writing 3 Credit Hours
- ENGL 3405 - Professional and Technical Writing 3 Credit Hours
- ENGL 4210 - Advanced Creative Writing 3 Credit Hours
- ENGL 4304 - Advanced Writing in Disciplines 3 Credit Hours
- ENGL 3410 - Technology for Editors/Writers 3 Credit Hours

Total: 18 Hours

Philosophy Minor

The Philosophy Minor requires six (6) PHIL courses summing to 18 hours. Students may apply any PHIL courses of their choice to the Minor, so long as at least three (3) of those courses are at the upper level (i.e. at the 3/4xxx level).

Requirements

The Minor requires six (6) PHIL courses summing to 18 hours. Students may apply any PHIL courses of their choice to the Minor, so long as at least three (3) of those courses are at the upper level (i.e., at the 3/4xxx level).

Total: 18 Hours

Religion Minor

The Religion minor requires six (6) courses for a total of 18 credit hours. Religion minors take PHIL 2130 (Introduction to World Religions) along with two other introductory courses in Philosophy. They can then choose from a variety of upper-level courses in the study of religion, including some from other programs.

Required Courses: 9 Hours

- PHIL 2130 - Introduction to World Religions 3 Credit Hours

Two (2) of the following courses:

- PHIL 2010 - Introduction to Philosophy 3 Credit Hours
- PHIL 2020 - Critical Thinking 3 Credit Hours
- PHIL 2030 - Introduction to Ethics 3 Credit Hours

Elective Upper-Division Courses: 9 Hours

Three (3) of the following courses, at least two (2) of which must be PHIL courses:

- ANTH 4170 - Myth, Magic and Religion 3 Credit Hours
- HIST 4478 - American Religion to 1800 3 Credit Hours
- HIST 4479 - American Religion Since 1800 3 Credit Hours
- PHIL 3105 - Medieval to Early Modern Philosophy 3 Credit Hours
- PHIL 3205 - Theories of Religion 3 Credit Hours
- PHIL 3220 - Christian Thought 3 Credit Hours
- PHIL 3250 - Islamic Thought 3 Credit Hours
- PHIL 4230 - Philosophy of Religion 3 Credit Hours
- PSYC 4130 - Transpersonal Psychologies 4 Credit Hours
- SOCI 3543 - Sociology of Religion 3 Credit Hours

Total: 18 Hours

School of Social Sciences

Kathleen Skott-Myhre, Director

https://www.westga.edu/social-sciences

Anthropology Program

https://www.westga.edu/anthropology/

Professor:

M. Snipes

Associate Professors:

N. Lawres (Director of the Antonio J. Waring, Jr. Laboratory and Program Coordinator), C. Maggiano (Co-Director of the Biological and Forensic Anthropology Laboratory)

Senior Lecturers:

E. Falconi, I. Maggiano (Co-Director of the Biological and Forensic Anthropology Laboratory)

Psychology Program

Melson 123 • 678-839-6510
https://www.westga.edu/psychology

Professors:

M.-C. Bertau, T. Hart, N. Korobov, L. Osbeck, J Reber, C. Simmonds-Moore, K. Skott-Myhre (Director)

Associate Professors:

C. Bolar, N. Gupta (Head of Graduate Studies, M.A. Program), J. Head (Head of Graduate Studies, Ph.D. Program), J. Roberts

Assistant Professors:

J. Glazier (Program Coordinator, R. LaFleur, R. Traversa, T. Weiner

Lecturer:

C. Johanson

Instructor:

N. Cochran, L. Grann

Sociology Program

https://www.westga.edu/sociology

Professors:

P. Kirk (Program Coordinator), E. McKendry-Smith (Head of Graduate Studies, M.A. Program), N. Noori, E Windsor

Associate Professors:

A. Kazeem, J. Weber (Director of Women's Studies)

Lecturer:

T. Parsons

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 at conferences such as the Georgia Sociological Association and the Southeastern Undergraduate Sociology Symposium. Students who qualify are also invited to join the national sociology honor society, Alpha Kappa Delta. The B.S. Degree in Sociology is available both face-to-face and online.

Undergraduate Certificates in Sociology

Several certificates of specialization are available to Sociology majors and minors. Non-Sociology majors who complete a certificate program will earn 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 listed below.

Bachelor of Science

Anthropology, B.S.

The Anthropology major aims to provide its undergraduate anthropology students with a comprehensive introduction to anthropological knowledge through classroom instruction, experiential learning, and directed research opportunities. It

provides extra curriculum learning experiences in our coursers and laboratories (Biological and Forensic Anthropology Laboratory [BAFAL] and Antonio J. Waring, Jr. Archaeological Laboratory). We are committed to providing learning skills necessary for continued success in academic and workplace environments, as well as for personal and civic enrichment. Learning Outcomes Students completing the B.S. degree with a major in Anthropology should be able to: Demonstrate a broad base of anthropological knowledge Compare the diversity of cultural practices through time and space Analyze anthropological topics through oral and written communication Collect and assess data ethically using anthropological methods

Learning Outcomes

1. Demonstrate a broad base of anthropological knowledge across subfields
2. Identify human cultural and biological diversity across time and space
3. Demonstrate a written and oral understanding of anthropological issues
4. Identify ethical methods for gathering and analyzing data in two of the four major anthropological subdisciplines

Requirements

Core IMPACTS General Education Requirements: 42 Hours

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

- ANTH 1102 - Introduction to Anthropology 3 Credit Hours

Choose three

- ANTH 1105 - Introduction to Biological Anthropology 3 Credit Hours
- ANTH 1004 - Introduction to Archaeology 3 Credit Hours
- ANTH 2002 - Introduction to Cultural Anthropology 3 Credit Hours
- ANTH 1101 - Voices of Culture 3 Credit Hours

Remaining Hours selected from: 6 Hours

Choose one or two from the following list: 3 Hours

- ANTH 2004 - Statistical Methods Anthropology 3 Credit Hours
- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
  Or
- ECON 2106 - Principles of Microeconomics 3 Credit Hours
- GEOG 2553 - Introduction to GIS and Mapping Sciences 3 Credit Hours
- MATH 1001 - Quantitative Skills and Reasoning 3 Credit Hours
- MATH 1401 - Elementary Statistics 3 Credit Hours
- PSYC 2003 - Statistics in Psychology 3 Credit Hours
- POLS 2601 - Introduction to Political Science Inquiry 3 Credit Hours

Choose one or two from the following list: 3 Hours

1000 or 2000-level courses from FILM, FORL, FREN, GRMN, PHIL, SPAN.

As well as:

- ANTH 1101 - Voices of Culture 3 Credit Hours
- ANTH 1105 - Introduction to Biological Anthropology 3 Credit Hours
- ANTH 1004 - Introduction to Archaeology 3 Credit Hours
- ANTH 2002 - Introduction to Cultural Anthropology 3 Credit Hours
- ART 1201 - Introduction to Art 3 Credit Hours
- ART 2201 - History of World Art I 3 Credit Hours
- ART 2202 - History of World Art II 3 Credit Hours
- GEOG 1013 - World Geography 3 Credit Hours
- ENGL 2110 - World Literature 3 Credit Hours
- ENGL 2190 - Studies in Literature by Women 3 Credit Hours
- ENGL 2180 - Studies in African-American Literature 3 Credit Hours
- HIST 1111 - Survey of World History/Civilization I 3 Credit Hours
- HIST 1112 - Survey of World History/Civilization II 3 Credit Hours
- SOCI 2203 - Introduction to Women's Studies 3 Credit Hours
- THEA 2214 - Concepts in Theatre and Film Design 3 Credit Hours
- XIDS 2100 - Arts and Ideas: Special Topics 3 Credit Hours

Major Courses Required: 34 Hours

Anthropological Thought: 3 Hours

- ANTH 4100 - History of Anthropological Thought 3 Credit Hours

Anthropology Capstone: 3 Hours

- ANTH 4184 - Anthropology Capstone 3 Credit Hours

Methods Course: 4 Hours

- ANTH 3188 - Ethnographic Field Methods 4 Credit Hours
- ANTH 3250 - Pig Dig Crime Scene: Methods in Forensic Archaeology and Biological Anthropology 4 Credit Hours
- ANTH 4102 - Archaeological Field Research 4 Credit Hours
- ANTH 4176 - Narrative and Storytelling in Ethnography 4 Credit Hours
- ANTH 4103 - Field Methods in Cultural Resource Management 4 Credit Hours

Archaeology: 3-4 Hours

- ANTH 4181 - Cultural Resources Management 3 Credit Hours
- ANTH 4201 - Artifact Analysis 3 Credit Hours
- ANTH 4202 - Rise and Fall of Ancient Civilizations 3 Credit Hours
- ANTH 4102 - Archaeological Field Research 4 Credit Hours

- ANTH 3104 - The Survivalist's Toolkit 3 Credit Hours
- ANTH 4175 - Southeastern Archaeology & Ethnohistory 3 Credit Hours
- ANTH 4103 - Field Methods in Cultural Resource Management 4 Credit Hours

Linguistics: 3-4 Hours

- ANTH 4173 - Language and Culture 3 Credit Hours
- ANTH 4176 - Narrative and Storytelling in Ethnography 4 Credit Hours

Physical Anthropology: 3-4 Hours

- ANTH 3110 - Human Osteology 3 Credit Hours
- ANTH 4122 - Skeletal Indicators of Health and Behavior 3 Credit Hours
- ANTH 4125 - Forensic Anthropology 3 Credit Hours
- ANTH 4150 - Human Evolution 3 Credit Hours
- ANTH 4165 - Primatology 3 Credit Hours
- ANTH 3250 - Pig Dig Crime Scene: Methods in Forensic Archaeology and Biological Anthropology 4 Credit Hours

Cultural Anthropology: 3-4 Hours

- ANTH 3170 - Religion in America: The Shakers and Other Utopian Societies 3 Credit Hours
- ANTH 3180 - Environment and Health: Anthropological Perspectives 3 Credit Hours
- ANTH 3186 - Anthropology of Gender 3 Credit Hours
- ANTH 4130 - Medical Anthropology 3 Credit Hours
- ANTH 4132 - Human Life Cycle in Cross-Cultural Perspective 3 Credit Hours
- ANTH 4134 - Animals and Culture 3 Credit Hours
- ANTH 4144 - Peoples and Cultures of Latin America 3 Credit Hours
- ANTH 4146 - Latin@s in the United States 3 Credit Hours
- ANTH 4155 - Peoples and Cultures of Sub-Saharan Africa 3 Credit Hours
- ANTH 4170 - Myth, Magic and Religion 3 Credit Hours
- ANTH 4176 - Narrative and Storytelling in Ethnography 4 Credit Hours
- ANTH 4190 - Modern Shamanism 3 Credit Hours
- ANTH 3188 - Ethnographic Field Methods 4 Credit Hours

Anthropology Upper Division Electives: 9-12 Hours

Numbered 3000 or higher

Minor or Electives (8 of these hours must be at or above the 3000 level): 26 Hours

Total: 120 Hours

Seek Instructor approval for courses below.

- ANTH 4186 - Internship 1.0 - 6.0 Credit Hours

- ANTH 4881 - Independent Study 1.0 - 4.0 Credit Hours
- ANTH 4885 - Special Topics 1.0 - 4.0 Credit Hours
- ANTH 4900 - Directed Reading 1.0 - 3.0 Credit Hours
- ANTH 4983 - Directed Research 1-4 Credit Hours

No more than 4 individualized study hours from the following count toward the BS in Anthropology.

- ANTH 4186 - Internship 1.0 - 6.0 Credit Hours
- ANTH 4881 - Independent Study 1.0 - 4.0 Credit Hours
- ANTH 4900 - Directed Reading 1.0 - 3.0 Credit Hours
- ANTH 4983 - Directed Research 1-4 Credit Hours

Degree Requirements with Concentration in Cross-Cultural Health and Spirituality (CCHS)

Core IMPACTS General Education Requirements: (42 hours)

Core IMPACTS General Education Requirements

Field of Study, Major Specific Courses: 18 Hours

- ANTH 1102 - Introduction to Anthropology 3 Credit Hours

Choose two:

- ANTH 1105 - Introduction to Biological Anthropology 3 Credit Hours
- ANTH 1004 - Introduction to Archaeology 3 Credit Hours
- ANTH 2002 - Introduction to Cultural Anthropology 3 Credit Hours

Remaining Hours selected from: 9 Hours

Choose one or two from the following list: 3 to 6 Hours

- ANTH 2004 - Statistical Methods Anthropology 3 Credit Hours
- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
  Or
- ECON 2106 - Principles of Microeconomics 3 Credit Hours
- GEOG 2553 - Introduction to GIS and Mapping Sciences 3 Credit Hours
- MATH 1001 - Quantitative Skills and Reasoning 3 Credit Hours
- MATH 1401 - Elementary Statistics 3 Credit Hours
- PSYC 2003 - Statistics in Psychology 3 Credit Hours
- POLS 2601 - Introduction to Political Science Inquiry 3 Credit Hours

Choose one or two from the following list: 3 to 6 Hours

1000 or 2000-level courses from FILM, FORL, FREN, GRMN, PHIL, SPAN.

As well as

- ANTH 1101 - Voices of Culture 3 Credit Hours
- ANTH 1105 - Introduction to Biological Anthropology 3 Credit Hours
- ANTH 1004 - Introduction to Archaeology 3 Credit Hours
- ANTH 2002 - Introduction to Cultural Anthropology 3 Credit Hours
- ART 1201 - Introduction to Art 3 Credit Hours
- ART 2201 - History of World Art I 3 Credit Hours
- ART 2202 - History of World Art II 3 Credit Hours
- GEOG 1013 - World Geography 3 Credit Hours
- ENGL 2110 - World Literature 3 Credit Hours
- ENGL 2190 - Studies in Literature by Women 3 Credit Hours
- ENGL 2180 - Studies in African-American Literature 3 Credit Hours
- HIST 1111 - Survey of World History/Civilization I 3 Credit Hours
- HIST 1112 - Survey of World History/Civilization II 3 Credit Hours
- SOCI 2203 - Introduction to Women's Studies 3 Credit Hours
- THEA 2214 - Concepts in Theatre and Film Design 3 Credit Hours
- XIDS 2100 - Arts and Ideas: Special Topics 3 Credit Hours

Major Courses Required for CCHS Concentration: 34 Hours

Anthropological Thought: 3 Hours

- ANTH 4100 - History of Anthropological Thought 3 Credit Hours

Anthropology Capstone: 3 Hours

- ANTH 4184 - Anthropology Capstone 3 Credit Hours

Methods Course: 4 Hours

- ANTH 3188 - Ethnographic Field Methods 4 Credit Hours
- ANTH 4176 - Narrative and Storytelling in Ethnography 4 Credit Hours

Religion Focus: 6 Hours

Choose two:

- ANTH 3170 - Religion in America: The Shakers and Other Utopian Societies 3 Credit Hours
- ANTH 4170 - Myth, Magic and Religion 3 Credit Hours
- ANTH 4190 - Modern Shamanism 3 Credit Hours

Health and Medical Focus: 6 Hours

Choose two:

- ANTH 3180 - Environment and Health: Anthropological Perspectives 3 Credit Hours
- ANTH 4130 - Medical Anthropology 3 Credit Hours
- ANTH 4132 - Human Life Cycle in Cross-Cultural Perspective 3 Credit Hours
- ANTH 4135 - Genes and Genomania 3 Credit Hours

Biological Focus: 3 Hours

- ANTH 3110 - Human Osteology 3 Credit Hours
- ANTH 4125 - Forensic Anthropology 3 Credit Hours
- ANTH 4122 - Skeletal Indicators of Health and Behavior 3 Credit Hours
- ANTH 4135 - Genes and Genomania 3 Credit Hours

Diverse Cultural Perspectives: 9 Hours

- ANTH 3170 - Religion in America: The Shakers and Other Utopian Societies 3 Credit Hours
- ANTH 3180 - Environment and Health: Anthropological Perspectives 3 Credit Hours
- ANTH 3186 - Anthropology of Gender 3 Credit Hours
- ANTH 3188 - Ethnographic Field Methods 4 Credit Hours
- ANTH 4130 - Medical Anthropology 3 Credit Hours
- ANTH 4132 - Human Life Cycle in Cross-Cultural Perspective 3 Credit Hours
- ANTH 4134 - Animals and Culture 3 Credit Hours
- ANTH 4135 - Genes and Genomania 3 Credit Hours
- ANTH 4144 - Peoples and Cultures of Latin America 3 Credit Hours
- ANTH 4146 - Latin@s in the United States 3 Credit Hours
- ANTH 4170 - Myth, Magic and Religion 3 Credit Hours
- ANTH 4173 - Language and Culture 3 Credit Hours
- ANTH 4176 - Narrative and Storytelling in Ethnography 4 Credit Hours
- ANTH 4190 - Modern Shamanism 3 Credit Hours
- ANTH 4175 - Southeastern Archaeology & Ethnohistory 3 Credit Hours

Anthropology Upper Division Electives: 9-12 Hours

Numbered 3000 or higher

Minor or Electives (8 of these hours must be at or above the 3000 level): 26 Hours

Total Degree: 120 Hours

Seek instructor approval for the courses below as they must topically be related to Concentration Subjects.

- ANTH 4186 - Internship 1.0 - 6.0 Credit Hours
- ANTH 4881 - Independent Study 1.0 - 4.0 Credit Hours
- ANTH 4885 - Special Topics 1.0 - 4.0 Credit Hours
- ANTH 4900 - Directed Reading 1.0 - 3.0 Credit Hours
- ANTH 4983 - Directed Research 1-4 Credit Hours

No more than 4 individualized study hours from the following count toward the BS in Anthropology with CCHS Concentration.

- ANTH 4186 - Internship 1.0 - 6.0 Credit Hours
- ANTH 4881 - Independent Study 1.0 - 4.0 Credit Hours
- ANTH 4900 - Directed Reading 1.0 - 3.0 Credit Hours
- ANTH 4983 - Directed Research 1-4 Credit Hours

Psychology, B.S.

Honoring our roots in Humanistic Psychology, our mission is to provide an undergraduate educational experience that allows our students to gain a working understanding of the field of psychology generally and of human-science approaches to psychology more specifically. This mission includes working closely with students to help them (a) develop 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; (b) apply psychological concepts and perspectives to the major domains of life outside the classroom; (c) develop a keen awareness of the ways that culture and history have shaped the discipline and affect its practitioners; (d) gain clarity about their identity, values, aspirations, emotions, strengths, and weaknesses; (e) understand the major career areas in psychology and gain an intimate knowledge of their own inclinations and vocations toward a particular area of work in service of the common good, and (f) strengthen their capacity to read, write, and speak effectively, especially with regard to psychological ideas.

Learning Outcomes

The Undergraduate Program seeks to achieve the following outcomes for all majors:

1. Identify the major perspectives of psychology including biological/neuroscientific, behavioral, cognitive, psychoanalytic, humanistic, transpersonal, and critical.

2. Employ the major perspectives of psychology including biological/neuroscientific, behavioral, cognitive, psychoanalytic, humanistic, transpersonal, and critical.

3. Critically evaluate the major perspectives (biological/neuroscientific, behavioral, cognitive, psychoanalytic, humanistic, transpersonal, and critical).

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

(Major Specific Courses)

- PSYC 1101 - Introduction to General Psychology 3 Credit Hours
- PSYC 2010 - Psychology as a Human Science 3 Credit Hours

Two Courses: 6 Hours

From the following list:

- PSYC 2220 - Qualitative Research Methods 3 Credit Hours (recommended)
- PSYC 2230 - Quantitative Research Methods 3 Credit Hours (recommended)
- PSYC 2003 - Statistics in Psychology 3 Credit Hours (recommended)
- MATH 1401 - Elementary Statistics 3 Credit Hours (recommended)
- POLS 2601 - Introduction to Political Science Inquiry 3 Credit Hours
- Any 1000/2000 BIOL, CHEM, CISM, MATH, ECON, CS, PHYS

Two Courses: 6 Hours

From the following list:

- PHIL 2010 - Introduction to Philosophy 3 Credit Hours (recommended)
- PHIL 2030 - Introduction to Ethics 3 Credit Hours (recommended)
- PSYC 1030 - Personal Relationships 3 Credit Hours (recommended)
- ART 1201 - Introduction to Art 3 Credit Hours
- ART 2000 - Oral Communication and the Visual Arts 3 Credit Hours
- ART 2201 - History of World Art I 3 Credit Hours
- ART 2202 - History of World Art II 3 Credit Hours
- Any 1000 MUSC
- Any 2000 ENGL
- Any 1000/2000 ANTH, COMM, CRIM, FREN/SPAN/GRMN/FORL, GEOG, POLS, PSYC, SOCI, THEA, XIDS

Major Courses: 31 Hours

(PSYC 1101 and PSYC 2010 are also required for the major and are listed in Field of Study.)

Select a minimum of 2 (Two) courses from among the following: 8 Hours

(please note that you may take MORE than 2 of these):

- PSYC 3010 - Human Growth and Development 4 Credit Hours
- PSYC 3150 - Abnormal Psychology 4 Credit Hours
- PSYC 3730 - Social Psychology 4 Credit Hours
- PSYC 3800 - Psychology of Mind and Body 3.0 - 4.0 Credit Hours
- PSYC 3900 - Personality Theories 4 Credit Hours
- PSYC 4000 - Humanistic Psychology 4 Credit Hours
- PSYC 4010 - Theories of Psychology 4 Credit Hours
- PSYC 4030 - History and Philosophy of Psychology 4 Credit Hours

- PSYC 4130 - Transpersonal Psychologies 4 Credit Hours
- PSYC 4350 - Culture and Psychology 4 Credit Hours

Advanced Topics: 19 Hours

- 19 hours of PSYC course at or above 3000

Capstone: 4 Hours

- PSYC 4884 - Integrative Seminar 4 Credit Hours (Required for Majors Only)

Minor: 15-18 Hours

Electives: 11-14 Hours

Total: 120 Hours

Social and Behavioral Health, B.S.

Program Description

The Bachelor of Science in Social & Behavioral Health is a multidisciplinary degree. The program provides students with the opportunity to learn foundation skills necessary to succeed in the dynamic health and social services environments. Areas of study include health services, health analytics, complementary & alternative healthcare, cultural & social aspects of health, and behavioral & mental health.

Students will have the opportunity to learn many skills, including but not limited to the following:

- how community and social factors contribute to a variety of public health solutions and policies;
- how to plan, implement, and administer social service and/or behavioral health programs;
- how to design, evaluate, and assess social service and/or behavioral health programs to ensure their quality and effectiveness;
- how to work with individuals in community or social services settings;
- and how to help people navigate the healthcare system to find the resources they need to be healthy.

Program features include, but are not limited to: flexibility in designing program to fit interests, courses taught by experts in the field, and participating in an internship practicum providing real job experience

Program Learning Outcomes

After completing the BS in Social and Behavioral Health, students will be able to:

- Assess social and cultural frameworks of diverse populations of healthcare consumers
- Demonstrate understanding of human growth and development as related to social and behavioral health issues
- Demonstrate knowledge of complementary, alternative, and integrative approaches to health and wellness
- Design and assess social and behavioral programs, research or services aimed at improving health

Program Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Fielf of Study: 18 Hours

- SABH 1101 - Intro to Soc & Behav Health 3 Credit Hours
- ANTH 1102 - Introduction to Anthropology 3 Credit Hours
- PSYC 1101 - Introduction to General Psychology 3 Credit Hours
- SOCI 1101 - Introductory Sociology 3 Credit Hours
  Choose two courses from the following list (at least one must be lower-level BIOL). Course credit hours must total 6 hours between the two courses:
- ANTH 1105 - Introduction to Biological Anthropology 3 Credit Hours
- Lower-level (1000 or 2000 level) BIOL courses (does not include labs)

Major Courses: 60 Hours

Area 1: 18 Hours

Choose two courses from each of the following areas:

A. Cultural and Social Aspects of Health

- ANTH 4130 - Medical Anthropology 3 Credit Hours
- ANTH 4135 - Genes and Genomania 3 Credit Hours
- * NURS 3101 - Professional Nursing Concept I 3 Credit Hours
- PSYC 4350 - Culture and Psychology 4 Credit Hours
- SOCI 3623 - Social Inequality 3 Credit Hours
- SOCI 3733 - Social Psychology: The Sociological Tradition 3 Credit Hours
- SOCI 3804 - Death, Grief and Caring 3 Credit Hours
- SOCI 4323 - Sociology of Race 3 Credit Hours
- SOCI 4440 - Medical Sociology 3 Credit Hours

B. Behavioral & Mental Health

- ANTH 4132 - Human Life Cycle in Cross-Cultural Perspective 3 Credit Hours
- PSYC 3010 - Human Growth and Development 4 Credit Hours
- PSYC 3150 - Abnormal Psychology 4 Credit Hours
- PSYC 3703 - Behavior Modification 3 Credit Hours
- PSYC 4360 - Community Psychology 4 Credit Hours
- PSYC 4760 - Introduction to Psychotherapy 3 Credit Hours
- SOCI 3134 - Introduction to Social Work and Social Welfare 3 Credit Hours
- SOCI 4441 - Sociology of Mental Health 3 Credit Hours
- SOCI 4543 - Deviant and Alternative Behavior 3 Credit Hours

C. Complementary & Alternative Health

- ANTH 4130 - Medical Anthropology 3 Credit Hours
- * NURS 3000 - Holistic Health Assessment 3 Credit Hours
- PSYC 3580 - Holistic Health Psychology 3 Credit Hours
- PSYC 3800 - Psychology of Mind and Body 3.0 - 4.0 Credit Hours
- PSYC 4085 - Horizon Seminar 1.0 - 4.0 Credit Hours
- SOCI 4439 - Sociology of Global Health 3 Credit Hours
- SOCI 4700 - Sociology of Emotions 3 Credit Hours

Area 2: 12 Hours

Choose two courses from each of the following areas:

A. Health Analytics and Methods

- ANTH 3188 - Ethnographic Field Methods 4 Credit Hours
- ANTH 4122 - Skeletal Indicators of Health and Behavior 3 Credit Hours
- ANTH 4176 - Narrative and Storytelling in Ethnography 4 Credit Hours
- * NURS 3400 - Nursing Research and Evidence-Based Practice 3 Credit Hours
- POLS 2601 - Introduction to Political Science Inquiry 3 Credit Hours
- POLS 3601 - Political Analysis 3 Credit Hours
- SABH 4000 - Research Methodology 3 Credit Hours
  (or)
- SOCI 4000 - Research Methodology 3 Credit Hours
- SABH 4003 - Applied Statistics for Sociology 3 Credit Hours
  (or)
- SOCI 4003 - Applied Statistics for Sociology 3 Credit Hours
- SOCI 4613 - Interviews and Observations 3 Credit Hours

B. Health Services

- POLS 3201 - Public Policy 3 Credit Hours
- POLS 4200 - Principles of Public Administration 3 Credit Hours
- POLS 4208 - Health Policy 3 Credit Hours
- POLS 4209 - Environmental Policy 3 Credit Hours
- POLS 4210 - Public Management 3 Credit Hours
- POLS 4215 - Management of Non-Profit Organizations 3 Credit Hours
- POLS 4217 - Grant Writing for Nonprofit Organizations 3 Credit Hours
- SOCI 4734 - Social Work Skills 3 Credit Hours

Area 3: 3 Hours

- SOCI 4386 - Internship 3 Credit Hours

Area 4: Upper Division Electives 6 Hours

Select two (2) courses from the following list OR courses listed in Areas 1 or 2 not already applied to Areas 1 or 2

- ANTH 3110 - Human Osteology 3 Credit Hours
- ANTH 3186 - Anthropology of Gender 3 Credit Hours
- ANTH 4170 - Myth, Magic and Religion 3 Credit Hours
- * CMWL 3100 - Lifespan Development 3 Credit Hours
- * PHED 4501 - Contemporary Health Issues 3 Credit Hours
- PSYC 3110 - Human Sexuality 3 Credit Hours
- PSYC 4140 - Psychology of Gender 3 Credit Hours
- SOCI 3543 - Sociology of Religion 3 Credit Hours
- SOCI 3954 - Sociology of Aging 3 Credit Hours
- SOCI 4445 - Sociology of Youth 3 Credit Hours
- SOCI 4915 - Violence Against Women 3 Credit Hours

Minor and General Electives 17-21 Hours

To complete the remaining 17-21 credit hours, students will have the option to explore other areas of academic interest through elective courses, a minor course of study, or pursue a certificate program (e.g. Data Analytics, Social Services, etc.). Students are encouraged to create a cluster of elective courses that will enhance their knowledge and skill in a particular area of interest.

Total: 120 Hours

**Courses marked with an asterisk count only if student previously earned credit for the course as a requirement for another major. These courses cannot be chosen as an option to take after declaring Social & Behavioral Health as major.*

Sociology, B.S.

Learning Outcomes

Students completing the B.S. degree with a major in Sociology should:

- Communicate in writing how sociology contributes to an understanding of social reality
- Demonstrate an understanding of sociological theories
- Demonstrate an understanding of methodological approaches within sociology
- Demonstrate an understanding of basic concepts, perspectives, and their interpretive applications
- Demonstrate an understanding of the diversity in society

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

- SOCI 1101 - Introductory Sociology 3 Credit Hours

Foundations of Social Sciences: 3-12 Hours

1000 or 2000 level courses from the following Disciplines:

ANTH, CRIM, ENGL, FORL, GEOG, Global Studies, HIST, COMM, PHIL, POLS, PSYC, or SOCI

Foundations of Technical Skills: 3-12 Hours

1000 or 2000 level courses from the following Disciplines:

ACCT, CISM, CS, ECON, MATH, MEDT, or XIDS 2202

Major Courses: 60 Hours

A: 12 Hours

Students must take each of the following courses: 9 Credit Hours

- SOCI 4000 - Research Methodology 3 Credit Hours
- SOCI 4053 - Sociological Theory 3 Credit Hours
- SOCI 4984 - Capstone: Senior Seminar 3 Credit Hours

Students must also take ONE course from the list below: 3 Credit Hours

- SOCI 4003 - Applied Statistics for Sociology 3 Credit Hours

(or)

- SOCI 4613 - Interviews and Observations 3 Credit Hours

B. Diversity Course: 3 Hours

one of the following:

- SOCI 3543 - Sociology of Religion 3 Credit Hours
- SOCI 3623 - Social Inequality 3 Credit Hours
- SOCI 3943 - American Class System 3 Credit Hours
- SOCI 3954 - Sociology of Aging 3 Credit Hours
- SOCI 4323 - Sociology of Race 3 Credit Hours
- SOCI 3603 - Sociology of Gender 3 Credit Hours
- SOCI 4543 - Deviant and Alternative Behavior 3 Credit Hours

These required classes (A and B above) must be passed with a grade of C or better.

C. Upper Division Courses: 21 Hours

- SOCI courses at 3000 or 4000 level

D. Supporting Courses (or Minor): 15-18

- Non-SOCI courses at 3000 or 4000 level

E. General Electives: 6-9 Hours

Total: 120 Hours

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.

Embedded Certificates

Embedded Certificate in Cultural Heritage Management

Cultural Heritage Management (CHM) is defined as anthropological, archaeological, and historical research carried out to document, preserve, and protect significant places, properties, and objects of cultural heritage. CHM offers high-quality employment opportunities for Anthropology graduates in the private sector and in federal, state, and local governments. A certificate in CHM will provide students with the specific training necessary to be successful in the field, and will make them more attractive to potential employers. The completion of a certificate program will give students an edge in today's highly competitive labor market. The program includes three areas of concentration-heritage and history, cultural resources management, and management-that offers students the opportunity to receive training in different aspects of the discipline. The training for the certificate program will encourage students to engage in interdisciplinary research and community outreach activities that are consistent with the university's strategic plan.

Requirements

A. Eligibility

A "Certificate in Cultural Heritage Management" can be completed by either an Anthropology major or a non-Anthropology major who has completed or is currently enrolled in ANTH 1102 Introduction to Anthropology.

Prerequisite or Corequisite courses (3 credit hours):

- ANTH 1102 - Introduction to Anthropology 3 Credit Hours

B. Course Requirements (15-18 credit hours)

Part I: Required Anthropology Courses (Pick Two) (6 credit hours):
Students interested in Heritage and History are recommended to take ANTH 2002 . Students interested in Cultural Resource Management are recommended to take ANTH 1004 and ANTH 4181

- ANTH 1004 - Introduction to Archaeology 3 Credit Hours
- ANTH 2002 - Introduction to Cultural Anthropology 3 Credit Hours
- ANTH 4181 - Cultural Resources Management 3 Credit Hours

Part II: Focus Areas (9-12 credit hours) Choose any three courses below to complete the certificate, or, to concentrate in one area, choose two from the same category. Each of the courses is 3 credit hours unless otherwise marked.
Heritage and History

- ANTH 3170 - Religion in America: The Shakers and Other Utopian Societies 3 Credit Hours
- ANTH 4144 - Peoples and Cultures of Latin America 3 Credit Hours
- ANTH 4176 - Narrative and Storytelling in Ethnography 4 Credit Hours
- ANTH 4885 - Special Topics 1.0 - 4.0 Credit Hours
- HIST 4400 - Introduction to Public History 3 Credit Hours
- HIST 4403 - Introduction to Museum Studies 3 Credit Hours

Cultural Resource Management

- ANTH 4102 - Archaeological Field Research 4 Credit Hours
- ANTH 4103 - Field Methods in Cultural Resource Management 4 Credit Hours
- ANTH 4175 - Southeastern Archaeology & Ethnohistory 3 Credit Hours
- ANTH 4201 - Artifact Analysis 3 Credit Hours
  Management
- ENGL 3405 - Professional and Technical Writing 3 Credit Hours
- GEOG 2553 - Introduction to GIS and Mapping Sciences 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3627 - Managing Cultural Differences 3 Credit Hours

Embedded Certificate in Forensic Science

Requirements

A.) Eligibility:

A "Certificate in Forensic Science" can be obtained by a student with any undergraduate major at UWG who has completed the appropriate courses. Requirements: minimum of 5 courses and 2 labs (17 hrs.)

B.) Requirements

1: Any two basic science courses from the list below AND their associated Labs:

- BIOL 1010 - Fundamentals of Biology 3 Credit Hours
- BIOL 1010L - Fundamentals of Biology Laboratory 1 Credit Hours
- BIOL 1107 - Principles of Biology I 3 Credit Hours
- BIOL 1107L - Principles of Biology I Laboratory 1 Credit Hours
- BIOL 1108 - Principles of Biology II 3 Credit Hours
- BIOL 1108L - Principles of Biology II Laboratory 1 Credit Hours
- CHEM 1100 - Introductory Chemistry 3 Credit Hours
- CHEM 1100L - Introductory Chemistry Laboratory 1 Credit Hours
- CHEM 1151 - Survey of Chemistry I 3 Credit Hours
- CHEM 1151L - Survey of Chemistry I Lab 1 Credit Hours
- CHEM 1152 - Survey of Chemistry II 3 Credit Hours
- CHEM 1152L - Survey of Chemistry II Lab 1 Credit Hours
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours

2: At least one forensic course from the list below:

- ANTH 4125 - Forensic Anthropology 3 Credit Hours
- CHEM 3130 - Modern Forensic Science 3 Credit Hours (does not count towards a degree in Chemistry)

3: Any two other courses with themes in forensic science from the list below (at least one must be ANTH or CRIM):

- ANTH 3110 - Human Osteology 3 Credit Hours
- ANTH 3250 - Pig Dig Crime Scene: Methods in Forensic Archaeology and Biological Anthropology 4 Credit Hours
- ANTH 4102 - Archaeological Field Research 4 Credit Hours
- ANTH 4122 - Skeletal Indicators of Health and Behavior 3 Credit Hours
- ANTH 4125 - Forensic Anthropology 3 Credit Hours

- BIOL 2251 - Anatomy and Physiology I 3 Credit Hours
- BIOL 2251L - Anatomy and Physiology I Laboratory 1 Credit Hours
  (or)
- BIOL 2252 - Anatomy and Physiology II 3 Credit Hours
- BIOL 2252L - Anatomy and Physiology II Laboratory 1 Credit Hours

- BIOL 4241 - Entomology 4 Credit Hours

- CHEM 3130 - Modern Forensic Science 3 Credit Hours
- CHEM 3140 - Drugs and Drug Abuse 3 Credit Hours (does not count towards a degree in Chemistry)

- CRIM 3242 - Drug Abuse 3 Credit Hours
- CRIM 3411 - Criminal Investigations 3 Credit Hours

- ANTH 3200 - Directed Research 2.0 - 6.0 Credit Hours *** (or)**

- ANTH 4983 - Directed Research 1-4 Credit Hours *****

- BIOL 4981 - Independent Study 1.0 - 4.0 Credit Hours *** (or)**

- BIOL 4983 - Advanced Undergraduate Biology Research 1.0 - 4.0 Credit Hours *****

- CRIM 4981 - Directed Readings 1.0 - 3.0 Credit Hours *
  * min 3 credit, Forensic experience/topic

Note:

* For these classes, the topic of contributing experience or research must be primarily forensic in topic or application as confirmed in writing by the respective instructor.

Embedded Certificate in Global and Comparative Studies

The certificate in Global and Comparative Studies provides academic training focused on understanding global phenomena and systematically comparing social processes across countries and regions. This certificate is available to all students, regardless of major. Sociology courses taken to receive this certificate will also count toward the Sociology major or minor.

Requirements:

- SOCI 1101 - Introductory Sociology 3 Credit Hours

Upper level sociology: 12 hours

List of Upper Level Sociology Courses Approved for Certificate in Global and Comparative Studies

- SOCI 4803 - Environmental Sociology 3 Credit Hours
- SOCI 3283 - Globalization 3 Credit Hours
- SOCI 3743 - Social Movements 3 Credit Hours
- SOCI 4325 - Social Change in the Middle East 3 Credit Hours
- SOCI 4333 - Urban Sociology 3 Credit Hours
- SOCI 3543 - Sociology of Religion 3 Credit Hours
- SOCI 4999 courses approved for this certificate

Total: 15 hours

Embedded Certificate in Health and Society

The Health and Society Certificate provides a focus on the study of health from a sociological perspective. The certificate facilitates awareness of the cultural and social aspects of health and mental well-being. Coursework also evaluates the interactional and structural factors that affect health on local, national, and global levels. This certificate is restricted to Sociology majors.

By the completion of the embedded certificate in Health & Society, students will be able to:

- Differentiate the sociological perspective on the study of health from other social scientific perspectives on health
- Demonstrate a basic understanding of the cultural and social aspects of health
- Identify the interactional and structural factors that affect health on local, national, and global levels

Requirements

This certificate is restricted to Sociology majors.

Students must receive a grade of C or higher in all coursework applied to the certificate.

- SOCI 1101 - Introductory Sociology 3 Credit Hours

Upper-level Sociology: 12 hours

List of upper-level sociology courses approved for this certificate

- SOCI 3804 - Death, Grief and Caring 3 Credit Hours
- SOCI 4439 - Sociology of Global Health 3 Credit Hours
- SOCI 4440 - Medical Sociology 3 Credit Hours
- SOCI 4441 - Sociology of Mental Health 3 Credit Hours
- SOCI 4999 - Special Seminars 3 Credit Hours

Embedded Certificate in Social Diversity

The Social Diversity Certificate is a foundation for understanding the forms, consequences, and impact of diversity in modern society. The certificate facilitates awareness of how cultures vary and shape the human experience. Coursework also evaluates the social benefits of diversity and the individual, interactional, and structural factors that link it to enduring forms of social inequality. This certificate is available to all students, regardless of major. Sociology courses taken to receive this certificate will also count toward the Sociology major or minor.

Requirements

- SOCI 1101 - Introductory Sociology 3 Credit Hours

Upper level sociology: 12 hours

List of Upper Level Sociology Courses Approved for Certificate in Social Diversity

- SOCI 3273 - Managing Cultural Differences 3 Credit Hours
- SOCI 3293 - Sociology of Family 3 Credit Hours
- SOCI 3543 - Sociology of Religion 3 Credit Hours
- SOCI 3603 - Sociology of Gender 3 Credit Hours
- SOCI 3623 - Social Inequality 3 Credit Hours
- SOCI 3733 - Social Psychology: The Sociological Tradition 3 Credit Hours
- SOCI 3943 - American Class System 3 Credit Hours
- SOCI 3954 - Sociology of Aging 3 Credit Hours
- SOCI 4323 - Sociology of Race 3 Credit Hours
- SOCI 4333 - Urban Sociology 3 Credit Hours
- SOCI 4543 - Deviant and Alternative Behavior 3 Credit Hours
- SOCI 4700 - Sociology of Emotions 3 Credit Hours
- SOCI 4916 - Gender and Work 3 Credit Hours
- SOCI 4999 courses approved for this certificate

Total: 15 hours

Embedded Certificate in Social Science Research Skills

The certificate in Social Science Research Skills provides training on how to effectively collect, analyze, and present evidentiary information. Making informed decisions requires empirical evidence to understand issues and convey their importance. This certificate provides guidance and experience with the key features of amassing such evidence. The Social Science Research Skills certificate is available to all students, regardless of major. Sociology courses taken to receive this certificate will also count toward the Sociology major or minor.

Requirements

Students must receive a grade of C or higher in all coursework applied to the certificate.

- SOCI 1101 - Introductory Sociology 3 Credit Hours

Upper level sociology: 12 hours

List of Upper Level Sociology Courses Approved for Certificate in Social Science Research Skills

- SOCI 3001 - Communicating Sociology 3 Credit Hours
- SOCI 4000 - Research Methodology 3 Credit Hours
- SOCI 4003 - Applied Statistics for Sociology 3 Credit Hours
- SOCI 4613 - Interviews and Observations 3 Credit Hours
- SOCI 4015 - Analyzing and Visualizing Data 3 Credit Hours
- SOCI 4373 - Visual Sociology 3 Credit Hours
- SOCI 4999 courses approved for this certificate

Total: 15 hours

Embedded Certificate in Social Services

The certificate in Social Services provides a focus on key foundational knowledge and skills needed in helping professions. Students will learn key principles of interacting and working with people from a range of backgrounds and with a variety of needs. This certificate is available to all students, regardless of major. Sociology courses taken to receive this certificate will also count toward the Sociology major or minor.

Requirements

Students must receive a grade of C or higher in all coursework applied to the certificate.

- SOCI 1101 - Introductory Sociology 3 Credit Hours

Upper level sociology: 12 hours

List of Upper Level Sociology Courses Approved for Certificate in Social Services

- SOCI 3134 - Introduction to Social Work and Social Welfare 3 Credit Hours
- SOCI 3293 - Sociology of Family 3 Credit Hours
- SOCI 3733 - Social Psychology: The Sociological Tradition 3 Credit Hours
- SOCI 3804 - Death, Grief and Caring 3 Credit Hours
- SOCI 3954 - Sociology of Aging 3 Credit Hours
- SOCI 4293 - Families, Foster Care, and Adoption 3 Credit Hours
- SOCI 4300 - Housing and Homelessness 3 Credit Hours
- SOCI 4386 - Internship 3 Credit Hours
- SOCI 4440 - Medical Sociology 3 Credit Hours
- SOCI 4441 - Sociology of Mental Health 3 Credit Hours
- SOCI 4445 - Sociology of Youth 3 Credit Hours
- SOCI 4734 - Social Work Skills 3 Credit Hours
- SOCI 4915 - Violence Against Women 3 Credit Hours
- SOCI 4999 courses approved for this certificate

Total: 15 hours

Minor

Anthropology Minor

Requirements

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 - Introduction to Anthropology 3 Credit Hours
  either
- ANTH 1105 - Introduction to Biological Anthropology 3 Credit Hours
  (or)
- ANTH 1004 - Introduction to Archaeology 3 Credit Hours
  (or)
- ANTH 2002 - Introduction to Cultural Anthropology 3 Credit Hours
  (and)
  12 hours at the 3000-4000 level

Total: 18 Hours

** or other course of appropriate content as approved by the department*

Psychology Minor

Requirement

A. Select a minimum of 1 course from among the following: 4 Hours

- PSYC 3010 - Human Growth and Development 4 Credit Hours
- PSYC 3150 - Abnormal Psychology 4 Credit Hours
- PSYC 3730 - Social Psychology 4 Credit Hours
- PSYC 3800 - Psychology of Mind and Body 3.0 - 4.0 Credit Hours
- PSYC 3900 - Personality Theories 4 Credit Hours
- PSYC 4030 - History and Philosophy of Psychology 4 Credit Hours

B. Select upper division psychology courses: 12 Hours

Total: 16 Hours

Sociology Minor

Requirement

(Minimum 15 Hrs)

- Upper level sociology courses 12-15
- SOCI 1101 - Introductory Sociology 3 Credit Hours

School of Visual and Performing Arts

Kevin Shunn, Director

https://www.westga.edu/visual-performing-arts

Art Program

https://www.westga.edu/art

Professors:

D Collins, C McGuire, C. Samples (Interim Dean), M. Schoon (Program Coordinator), K. Shunn (Director)

Associate Professors:

J. Morris, N. Rees, J. Swift

Assistant Professor:

D. Nguyen, R. Warren

Senior Lecturers:

E. Dixon, R. Lamfers, S. Smith

Lecturers:

M. Lundin, L. Wolfe

Instructors:

J. Horne, C. Lollis

Art at UWG's focuses on the individual student and their personal path and growth as an upcoming professional. We are committed to excellence in education and in making UWG the most relevant place to obtain advanced studies in the making and study of Art. We strive to provide our students with high impact practices and professional opportunities throughout their studies and continuing on after graduation, to further assist our graduates to be both competitive and productive professionals. Our areas of study are engrained in tradition while also being progressive and exploratory in an effort to facilitate students as they learn, examine and explore both a depth of focus and a breath of potential within our field. We believe that this is critical as students work to develop their own individual language and professional practice.

In general, the practice of Art in it very own nature cultivates a sense of belonging and connectedness through the development of professional relationships and bonds among students, faculty, staff, alumni, and our general

communities wherein diversity, equity, and inclusion are promoted and valued. Our primary goal remains, to prepare young professionals to be outstanding individuals in their field upon graduation and to successfully enter the highly competitive world of employment, as professionals who are prepared to meet the challenges ahead of them.

BA in Art:

The BA in Art degree provides students with opportunities to explore areas within the visual arts without necessarily specializing in any one discipline. As a liberal arts degree, this option is appropriate for students who wish to explore creative processes, develop and hone both creative and critical thinking skillsets, while developing abilities applicable to any number of employment opportunities. The degree is usually identified as appropriate for students who wish to pursue a professional career or graduate studies that may or may not be within the Arts. UWG Art offers three BA in Art options: BA in Art (Art History), BA in Art (Medical Illustration), which includes a minor in Biology, and a BA in Art (Studio Art).

Art History Emphasis:

Focuses on various cultures of the past and present and challenges students to relate themselves to a larger world. Art History students are required to write about art critically and to conduct research, and their initiation into the practice takes place in these courses.

Medical Illustration:

Focus on preparing students for application into competitive graduate programs within Medical or Science Illustration with a specific minor in Biology.

Studio Emphasis:

Focuses on various arts' studio disciplines and practices and is appropriate for individuals who wish to enhance their creative and artistic abilities. Students can individualize their own approach; by exposure to all artistic media, focusing on two or more mediums or by taking a 2D or 3D approach, or even working in a multi-disciplinary nature. This degree encourages broad-based, open-ended inquiry into the arts and is customizable to the interests of individual students.

BFA with a specific Concentration:

The BFA within a specific concentration is appropriate for students who have a strong desire to focus on a single area or medium within the visual arts and who are specifically focused on coursework, providing in-depth exploration within said specific discipline. All tracks are designed to provide students with increased opportunities for complexity and knowledge within their field as they progress. The degree is usually identified as appropriate for students who wish to pursue a professional career or graduate studies in the Arts. UWG Art offers a Bachelor of Fine Arts (BFA) in Art with concentrations in the following: Ceramics, Graphic Design, Painting, Printmaking, Photography, Sculpture and Art Education.

The University is an accredited Full member of the National Association of Schools of Art and Design.

Learning Outcomes

Art Faculty objectives are for students to develop sound skills and knowledge and become young professionals by demonstrating the following:

BA in Art learning outcomes

- Develop familiarity with the works and intentions of major artists/designers and past and present movements within art for both Western and non-Western worlds.

- Demonstrate a broad understanding of the technical skills, perceptual development, and understanding of the fundamental elements of art/design, sufficient to achieve basic visual communication and expression within two or more studio areas.
- Demonstrate a developed visual sensitivity and at least the rudimentary ability to discern the quality of works of art and studio projects.
- Demonstrate a broad understanding and the ability to make workable connections between concept and media/medium within various aspects of creating artworks.

BFA in Art learning outcomes

- Demonstrate an understanding of the elements and vocabulary of art/design and the interaction of these elements in historical, cultural, and stylistic contexts, through the critical analysis and evaluation of both Western and non- Western worlds of art.
- Demonstrate functional competencies and abilities to work with the fundamental elements of art and design Foundations.
- Demonstrate working knowledge and professional competences within an Individual's body of work, which demonstrates at minimum, technical mastery, the capability to produce work and the ability to solve professional problems independently, while demonstrating a coherent set of artistic goals equal to entry-level professional achievements within the major area of specialization.
- Demonstrate working knowledge and professional competence through the development of an individual's body of work(s), which communicate art/design ideas, concepts, and major requirements related to specialized professional practices which stands as evidence of the Individual's ability to form and defend value judgments about art and design, and if applicable also demonstrates the ability to work collaboratively as appropriate to an area(s) of specialization.
- Demonstrates preparedness for a professional career in the arts.

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, ART 3601 or ART 3602, ART 3802, ART 3801, and ART 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. For full application description, requirements, and dates, please see the program website.

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.

Mid Program Review

All BA and BFA in Art candidates must enroll and successfully complete ART 4078. (See program 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 gained 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 a candidate being placed on probation or removed from their degree program. ART 4078 must be taken during a semester where the student is enrolled in 12 credit hours.

Capstone Sequence for BA & 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 - Senior Capstone Experience I and ART 4999 - Senior Capstone Experience II. (ART 4998 is the prerequisite for ART 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. For complete information, please see the program website.

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.

Music Program

https://www.westga.edu/music

Professors:

E Kramer (Head of Graduate Studies, M.M. program), J. Byrd (Program Coordinator), D. Neely, C.Self (Program Coordinator)

Associate Professor:

K. Graffius

Assistant Professors:

S. Elias, M. Rhoden

Senior Lecturer:

E. Hunt

The Music Program at the University of West Georgia is recognized as a model for student success in performance, music education, and composition, a center for excellence in teaching and performance, and for accomplishment in research and creative achievement. The Bachelor of Music degree is offered with concentrations in Music Education, Composition, Performance, and Performance with an Emphasis in Piano Pedagogy. The program of study in music education leads to Teacher Certification in the state of Georgia. Stand alone certificates in Jazz Studies and Musical Theatre are available to students of all majors. 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

Concerts, recitals, and other music-related events are presented in a variety of venues both on campus and in the Carrollton community, including 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. As a Kawai EPIC institution, UWG has Kawai pianos in all classrooms, studios, practice rooms, and rehearsal rooms. Beginning in January 2024, the newly-renovated Humanities Building will feature state-of-the-art facilities and equipment, including an 18-station keyboard lab, a large percussion studio, multi-media classrooms, multiple music libraries for instrumental and choral music holdings, an instrument repair room, a recording booth, and Wenger soundproof practice rooms and faculty studios.

Opportunities in Music

Students at West Georgia, whether music majors, minors, or non-music majors, participate in a wide range of music activities for university credit. Music majors and minors follow a prescribed program of study, while non-music majors may select from a wide variety of offerings.

Many students perform in University ensembles, which include the Concert Choir, Chamber Singers, Opera Workshop, Wind Ensemble, Symphonic Band, Chamber Winds, Jazz Ensemble, Marching Band, Basketball Band, Keyboard Ensemble, Brass Ensemble, Mixed Chamber 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).

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 Music Program Coordinator.

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. Students wishing to pursue a concentration in Composition must be approved through submission of a portfolio of at least two original compositions, totaling at least five minutes in length, including digital audio recordings. Submission of scores is required.

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 department office and the Office of the Registrar.

Transfer Student Admission

The music major entering the Music Program 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.

Specific requirements regarding applied lessons are listed on the program website at: (http://www.westga.edu/music). For additional information about the performance standards for applied-music study, please see the Music Program Coordinator.

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 Program's faculty considers many criteria before recommending a candidate for a scholarship award. These criteria include the candidate's anticipated contribution to program ensembles, the needs within the program, the financial need of the candidate, and the amount of award money available. For continuing students, additional considerations include their actual contributions to the program through solo performances and ensemble participation, improvement and growth in applied study, and academic standing.

Learning Outcomes

The learning outcomes for each of the degree programs in Music can be found on the program website.

Theatre Program

Performance Space: Townsend Center for the Performing Arts
https://www.westga.edu/theatre

Professors:

A. Cuomo, R. Elman (Program Coordinator), P. Gagnon

Senior Lecturer:

J. Monaghan

Statement of Purpose: The UWG Theatre Program educates, inspires, and transforms the lives of students, faculty, and audience members through storytelling, artistic expression, and collaboration, which create the live theatre experience.

Vision Statement: The UWG Theatre Program will graduate students who are engaged with the world around them and who use their skills in theatre to make that world a better place.

Goals:

Prepare students for the current theatre/film job market and/or continued study in advanced training programs.

Foster relationships with Atlanta area theatre production companies to assist students in acquiring internships and regular employment.
Present work that addresses issues important to contemporary society, including plays or musicals from theatre history, and that reflect the diversity of our student population.
Contribute to the intellectual and cultural life of the university and Carrollton communities through core curriculum courses and performances.
Offer an engaging, rigorous, and current theatre curriculum that is philosophically sound and meets the needs of our students.
Maintain accreditation through the National Association of Schools of Theatre, which improves educational practices and maintains high professional standards in theatre education for Theatre Programs throughout United States.
Instill and nurture professional standards and personal accountability in Theatre students.

Values:

The value of **Achievement** is evident in our commitment to the artistic growth and advancement of our students through conference presentations and internship opportunities.
The value of **Caring** is evident in our creation of personal relationships with theatre students and a personal investment in their success as artists.
The value of **Collaboration** is apparent in the very nature of our art form. We collaborate with student artists to create theatre.
The value of **Inclusiveness** is evident in our casting of shows with the selection of diverse material that celebrates our student population.
The value of **Innovation** is evident in our pursuit of new technologies, methodologies, and standards to mirror the fast-paced entertainment industry.
The value of **Integrity** is evident in our commitment to transitioning the work of our student artists in the classroom to the work they do on-stage.
The value of **Sustainability** is evident in our obligation to maintain an ecological balance by recycling materials, and using equipment that saves energy.
The value of **Wisdom** is evident in two very specific ways: 1) our pursuit and commitment to teaching students a broad knowledge of how art, more specifically theatre, not only fits into the world, but also how it can change it; and 2) in our commitment to help theatre practitioners-in-training to transition from University to the entertainment industry.

Interdisciplinary Certificate in Musical Theatre

The Interdisciplinary Certificate in Musical Theatre provides students of musical theatre the opportunity to take courses in the three facets of the discipline: Theatre, Music, and Dance. Students must audition to be admitted into the certificate program. This is a 17 credit hour interdisciplinary (Music, Theatre, Dance), stand-alone certificate in musical theatre.

Arts Management Certificate

The Arts Management Certificate provides students the opportunity to take courses in the "business" part of show business. This is a 15-credit hour stand-alone certificate that spans courses in the arts, humanities, and business sectors.

Bachelor of Art

Art, B.A.

The BA in Studio Art degree serves students whose focus is on the liberal arts, and who desire a general education in the visual arts.

The BA in Art History degree exposes students to the various cultures of the past and present and challenges students to relate themselves to a larger world. Art History students are required to write about art critically and to conduct research, and their initiation into the practice takes place in these courses.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

- ART 1006 - Design I (2D) 3 Credit Hours
- ART 1007 - Drawing I 3 Credit Hours
- ART 1008 - Drawing II 3 Credit Hours
- ART 1009 - Design II (3D) 3 Credit Hours
- ART 2201 - History of World Art I 3 Credit Hours
- ART 2202 - History of World Art II 3 Credit Hours

Foreign Language: 6 Hours

Complete 2001 in a language other than English (FREN/GRMN/SPAN or the equivalent in another language); AND complete FREN/GRMN/SPAN 2002 (or the equivalent in another language) OR FORL 2100, 2200, 2300, or an approved 2000-level FORL course.

- FREN 2001 - Intermediate French I 3 Credit Hours **(and)**
- FREN 2002 - Intermediate French II 3 Credit Hours
  (or)
- GRMN 2001 - Intermediate German I 3 Credit Hours **(and)**
- GRMN 2002 - Intermediate German II 3 Credit Hours
- FORL 2200 - Survey of National Literatures 3 Credit Hours
  (or)
- FORL 2300 - Topics in National Literatures 3 Credit Hours

Art History Option

Major Courses for Art History Option: 15 Hours

- ART 3210 - Non-Western Art 3 Credit Hours **(or)**
- ART 4211 - Japanese Art 3 Credit Hours **(or)**
- ART 4215 - Art of the African Diaspora 3 Credit Hours
  (and)
- ART 3220 - Art of the Ancient World 3 Credit Hours **(or)**
- ART 3230 - Medieval Art of Christian Europe and the Near East 3 Credit Hours
  (and)
- ART 3240 - Italian Renaissance or Baroque Art 3 Credit Hours **(or)**
- ART 3250 - 18th or 19th Century Art 3 Credit Hours **(or)**

- ART 3260 - American Art 3 Credit Hours **(or)**
- ART 3270 - Pre-World War II Modernism 3 Credit Hours **(or)**
- ART 3275 - Art Since 1945 3 Credit Hours **(or)**
- ART 4290 - Modernist Criticism 3 Credit Hours
  (and)
- ART 3280 - Museum Seminar 3.0 - 4.0 Credit Hours
- ART 4078 - Mid-Program Review 0 Credit Hours
- ART 4298 - Senior Capstone in Art History I 1 Credit Hours
- ART 4299 - Senior Capstone in Art History II 2 Credit Hours

Art History Electives: 12 Hours

3000 or Above

Studio Art Electives: 9-12 Hours

3000 or Above

- 9-12 credit hours based on requirement for Minor

Minor and Electives: 15-18 Hours

- 15-18 credit hours based on requirement for Minor, at least 9 hours, 3000 and above

Studio Option

Fine Arts Studio Core: 15 Hours

- ART 3301 - Beginning Ceramics 3 Credit Hours
  (and)
- ART 3601 - Painting I: Watercolor 3 Credit Hours
  (or)
- ART 3602 - Painting II 3 Credit Hours
  (and)
- ART 3801 - Printmaking I: Survey 3 Credit Hours
- ART 3901 - Introductory Sculpture 3 Credit Hours
- ART 4078 - Mid-Program Review 0 Credit Hours
- ART 4998 - Senior Capstone Experience I 1 Credit Hours
- ART 4999 - Senior Capstone Experience II 2 Credit Hours

Art History Electives: 6 Hours

3000 or Above

Studio Art Electives: 15-18 Hours

3000 or Above

- 15-18 credit hours based on requirement for Minor

Minor and Electives: 18 Hours

15-18 credit hour based on requirement for Minor

Total: 120 Hours

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.

Theatre, B.A.

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). 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.

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

Complete 2001 in a language other than English (FREN/GRMN/SPAN or the equivalent in another language); AND complete FREN/GRMN/SPAN 2002 (or the equivalent in another language) OR FORL 2100, 2200, 2300, or an approved 2000-level FORL course.

- THEA 1100 - Theatre Appreciation 3 Credit Hours
- THEA 2100 - Play Analysis 3 Credit Hours
- THEA 2291 - Developing A Character 3 Credit Hours
  Complete 2001 in a language other than English (FREN/GRMN/SPAN or the equivalent in another language); AND complete FREN/GRMN/SPAN 2002 (or the equivalent in another language) OR FORL 2100, 2200, 2300, or an approved 2000-level FORL course.

Any one 1000 or 2000 level three-credit course in Art, Music, or Film (may include studio courses and/or GFA 1000) 3 Credit Hours

Courses Specific for the Major: 48 Hours

Required (36 Hours):

- THEA 1111 - Performance and Production 1 Credit Hours
- THEA 1112 - Performance and Production 1 Credit Hours
- THEA 1291 - Voice and Movement I 3 Credit Hours
- THEA 2111 - Performance and Production 1 Credit Hours
- THEA 2112 - Performance and Production 1 Credit Hours
- THEA 2214 - Concepts in Theatre and Film Design 3 Credit Hours
- THEA 2290 - Stage and Film Craft I 3 Credit Hours
- THEA 2310 - Stage Makeup 3 Credit Hours
- THEA 3111 - Performance and Production 1 Credit Hours
- THEA 3112 - Performance and Production 1 Credit Hours
- THEA 3357 - Theatre History I 3 Credit Hours
- THEA 3394 - Directing 3 Credit Hours
- THEA 4111 - Production and Performance Capstone 3 Credit Hours
- THEA 4415 - Playwriting II 3 Credit Hours
- THEA 4457 - Theatre History II 3 Credit Hours
- THEA 4485 - Special Topics in Theatre 3 Credit Hours (or)
- THEA 4486 - Internship 3.0 - 6.0 Credit Hours

Select One

- THEA 1292 - Voice and Movement II 3 Credit Hours
- THEA 2215 - Introduction to Lighting, Sound and Media Technology 3 Credit Hours
- THEA 2224 - Drafting and Computer Aided Design 3 Credit Hours
- THEA 2292 - Contemporary Scene Study 3 Credit Hours
- THEA 2315 - Rendering Styles 3 Credit Hours
- THEA 2325 - Costume Technology 3 Credit Hours
- THEA 2491 - Acting for the Camera 3 Credit Hours
- THEA 2550 - Stage Management 3 Credit Hours
- GFA 1000 - Introduction to Film & Television Production 6 Credit Hours

Select 3

- THEA 3201 - Stage & Film Craft II 3 Credit Hours
- THEA 3212 - Period Styles in Design 3 Credit Hours
- THEA 3214 - Scenic Design 3 Credit Hours
- THEA 3215 - Lighting Design 3 Credit Hours
- THEA 3290 - Costume Design 3 Credit Hours
- THEA 3391 - Acting Shakespeare 3 Credit Hours
- THEA 3392 - Period Scene Study 3 Credit Hours
- THEA 3415 - Playwriting I: Devised Theatre 3 Credit Hours
- THEA 3491 - Advanced Acting for the Camera 3 Credit Hours
- THEA 4412 - The Business of Acting 3 Credit Hours
- FILM 3200 - Screenwriting 3 Credit Hours

Free electives: 12 Credit Hours

12 credit hours must be in courses numbered 3000 or above within and/or outside the major.

Total: 120 Hours

Requirements/Restrictions Specific to this Major and Assessment:

1. In addition to the required course work and expectations, all theatre majors will be required to participate in an exit interview presenting a performance audition and/or portfolio presentation.
2. All theatre majors are required to follow the guidelines in the *Theatre Program Policy Handbook* as published annually by the Theatre Program.

Bachelor of Fine Arts

Art, Art Education, B.F.A.

UWG offers two programs in Art Education: the B.F.A. in Art Education is designed for undergraduate candidates and has two tracks art teacher certification and community arts (non-teacher certification track), while the Post-Baccalaureate Initial Certification in Art is designed for candidates holding an undergraduate degree from an accredited institution. Only the B.F.A. in Art Education (teacher certification track) and the Post-Baccalaureate Initial Certification in Art lead to teaching certification T-4 (P-12). The B.F.A. In Art Education Community Arts track focuses on teaching and facilitating art activities in community settings such as arts centers, museums, community centers and more. The programs focus on providing quality education, instruction, and guidance to assist art teaching and community arts candidates in professional preparation programs to become highly effective and efficient artist-teachers. Emphasis is placed on providing an awareness of traditional and contemporary approaches to teaching art and for methods of developing meaningful, cohesive art curricula applicable to community arts settings and P-12 grades for students and individuals of all aptitudes, and abilities. The programs place emphasis on teaching and learning strategies that are based on interdisciplinary and cross-curricula approaches to education, which integrate art production, art history, art criticism, and aesthetics.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

- ART 1006 - Design I (2D) 3 Credit Hours
- ART 1007 - Drawing I 3 Credit Hours
- ART 1008 - Drawing II 3 Credit Hours
- ART 1009 - Design II (3D) 3 Credit Hours
- ART 2201 - History of World Art I 3 Credit Hours
- ART 2202 - History of World Art II 3 Credit Hours

BFA in Art: Art Education

Fine Arts Core: 15 Hours

- ART 3301 - Beginning Ceramics 3 Credit Hours
  (and)

- ART 3601 - Painting I: Watercolor 3 Credit Hours
  (or)
- ART 3602 - Painting II 3 Credit Hours
  (and)
- ART 3701 - Intro to Photography 3 Credit Hours
- ART 3801 - Printmaking I: Survey 3 Credit Hours
- ART 3901 - Introductory Sculpture 3 Credit Hours

Art Education Sequence: 18 Hours

- ART 3011 - Art Education Foundations 3 Credit Hours
- ART 3012 - Processes and Materials for Art Education 3 Credit Hours
- ART 4009 - Curriculum and Assessment for Art 3 Credit Hours
- ART 4010 - Instructional Planning and Pedagogy for Art 3 Credit Hours
- ART 4998 - Senior Capstone Experience I 1 Credit Hours
- ART 4999 - Senior Capstone Experience II 2 Credit Hours

Art History Electives: 6 Hours

3 hrs Non-Western Art and 3 hrs 3000 or above

- ART 3210 - Non-Western Art 3 Credit Hours
  (or)
- ART 4211 - Japanese Art 3 Credit Hours
  (or)
- ART 4215 - Art of the African Diaspora 3 Credit Hours

BFA in Art: Art Education Concentrations

Professional Education (Teacher Certification Track): 15 Hours

- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours
- SPED 3715 - The Inclusive Classroom: Differentiating Instruction 3 Credit Hours
- ART 4011 - Internship in Art Education 3 Credit Hours
- ART 4012 - Internship in Art Education 3 Credit Hours
- ART 4013 - Internship in Art Education 3 Credit Hours

Art Electives: 15 Hours

3000 or above

Professional Core (Community Arts Track): 12 Hours

- SPED 3715 - The Inclusive Classroom: Differentiating Instruction 3 Credit Hours
- ART 4011 - Internship in Art Education 3 Credit Hours
- ART 4012 - Internship in Art Education 3 Credit Hours

- ART 4013 - Internship in Art Education 3 Credit Hours

Art Electives: 15 Hours

3000 or above

Total: 126 Hours

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.

Art, B.F.A.

The BFA Program is considered to be the professional degree for those students interested in graduate school or pursuing other career opportunities in the visual arts. The intensity of this degree results in students becoming proficient in a specific studio area while augmenting it with studio areas outside their concentration.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

- ART 1006 - Design I (2D) 3 Credit Hours
- ART 1007 - Drawing I 3 Credit Hours
- ART 1008 - Drawing II 3 Credit Hours
- ART 1009 - Design II (3D) 3 Credit Hours
- ART 2201 - History of World Art I 3 Credit Hours
- ART 2202 - History of World Art II 3 Credit Hours

Fine Arts Studio Core: 15 Hours

- ART 3301 - Beginning Ceramics 3 Credit Hours
  (and)
- ART 3601 - Painting I: Watercolor 3 Credit Hours **(or)**
- ART 3602 - Painting II 3 Credit Hours
  (and)
- ART 3701 - Intro to Photography 3 Credit Hours
- ART 3801 - Printmaking I: Survey 3 Credit Hours
- ART 3901 - Introductory Sculpture 3 Credit Hours

B.F.A. in Art Concentrations

Animation, Illustration, & Digital Arts Sequence: 24 Hours

- ART 3550 - Intro to Digital & Sequential Arts 3 Credit Hours

Select three courses from the following for a total of 9 Credit Hours

- ART 3060 - Illustration Studio 3 Credit Hours
- ART 3065 - Introduction to Scientific/ Pre-Medical Illustration 3 Credit Hours
- ART 3551 - Animation Studio 3 Credit Hours
- ART 3552 - Intermediate Digital & Sequential Arts 3 Credit Hours
- ART 3553 - Stop-Motion Animation 3 Credit Hours
  (and)
- ART 4559 - Advanced Animation & Illustration 3 Credit Hours
- ART 4078 - Mid-Program Review 0 Credit Hours
- ART 4998 - Senior Capstone Experience I 1 Credit Hours
- ART 4999 - Senior Capstone Experience II 2 Credit Hours

Ceramics Sequence: 24 Hours

- ART 3302 - Intermediate Ceramics: Molds, Multiples, and Mechanical Means 3 Credit Hours
- ART 4302 - Intermediate Ceramics: 20th Century Studio 3 Credit Hours
- ART 4303 - Intermediate Ceramics: Surface, Image and Text 3 Credit Hours
- ART 4304 - Advanced Ceramics 1.0 - 3.0 Credit Hours
- ART 4078 - Mid-Program Review 0 Credit Hours
- ART 4998 - Senior Capstone Experience I 1 Credit Hours
- ART 4999 - Senior Capstone Experience II 2 Credit Hours

General Fine Art Sequence: 24 Hours

Select one course from the following for a total of 3 Credit Hours

- ART 3302 - Intermediate Ceramics: Molds, Multiples, and Mechanical Means 3 Credit Hours
- ART 4303 - Intermediate Ceramics: Surface, Image and Text 3 Credit Hours

Select one course from the following for a total of 3 Credit Hours

- ART 3602 - Painting II 3 Credit Hours
- ART 4604 - Acrylic & Experimental Process 3 Credit Hours

Select one course from the following for a total of 3 Credit Hours

- ART 3700 - Survey of Photography 3 Credit Hours
- ART 3702 - Darkroom Photography 3 Credit Hours
- ART 3703 - Digital Imaging 3 Credit Hours
- ART 3704 - Introduction to Time-Based Art (Video I) 3 Credit Hours
- ART 3705 - Artificial Lighting 3 Credit Hours

Select one course from the following for a total of 3 Credit Hours

- ART 3802 - Relief Printmaking 3 Credit Hours
- ART 4803 - Intaglio 3 Credit Hours
- ART 4804 - Lithography 3 Credit Hours

Select one course from the following for a total of 3 Credit Hours

- ART 3902 - Sculpture II 3 Credit Hours
- ART 3903 - Sculpture III 3 Credit Hours

Select two course from the following for a total of 6 Credit Hours

- ART 4304 - Advanced Ceramics 1.0 - 3.0 Credit Hours
- ART 4605 - Advanced Painting 1.0 - 3.0 Credit Hours
- ART 4706 - Advanced Photography Studio 3 Credit Hours
- ART 4805 - Advanced Printmaking 1.0 - 3.0 Credit Hours

- ART 4904 - Advanced Sculpture 1.0 - 3.0 Credit Hours
  (and)
- ART 4078 - Mid-Program Review 0 Credit Hours
- ART 4998 - Senior Capstone Experience I 1 Credit Hours
- ART 4999 - Senior Capstone Experience II 2 Credit Hours

Graphic Design Sequence: 24 Hours

- ART 3401 - Graphic Design I 3 Credit Hours
- ART 3402 - Graphic Design II: Typography II 3 Credit Hours
- ART 4403 - Graphic Design III: Type and Image 3 Credit Hours
- ART 4404 - Graphic Design IV 3 Credit Hours
- ART 4405 - Graphic Design V 1.0 - 3.0 Credit Hours
- ART 4406 - Graphic Design VI: Professional Portfolio 3 Credit Hours
- ART 4586 - Internship 1.0 - 9.0 Credit Hours
- ART 4078 - Mid-Program Review 0 Credit Hours
- ART 4998 - Senior Capstone Experience I 1 Credit Hours
- ART 4999 - Senior Capstone Experience II 2 Credit Hours

Painting Sequence: 24 Hours

- ART 3602 - Painting II 3 Credit Hours
- ART 4603 - Painting III 3 Credit Hours
- ART 4604 - Acrylic & Experimental Process 3 Credit Hours
- ART 4605 - Advanced Painting 1.0 - 3.0 Credit Hours
- ART 4078 - Mid-Program Review 0 Credit Hours
- ART 4998 - Senior Capstone Experience I 1 Credit Hours
- ART 4999 - Senior Capstone Experience II 2 Credit Hours

Photography Sequence: 24 Hours

- ART 3700 - Survey of Photography 3 Credit Hours
- ART 3701 - Intro to Photography 3 Credit Hours

Select three courses from the following for a total of 9 Credit Hours

- ART 3702 - Darkroom Photography 3 Credit Hours
- ART 3703 - Digital Imaging 3 Credit Hours
- ART 3704 - Introduction to Time-Based Art (Video I) 3 Credit Hours
- ART 3705 - Artificial Lighting 3 Credit Hours

Select one course from the following for a total of 3 Credit Hours

- ART 4702 - From Still to Moving Images 3 Credit Hours
- ART 4704 - Documentary Photography 3 Credit Hours
- ART 4708 - Exp Prac in Lens-Based Media 3 Credit Hours

(and)

- ART 4706 - Advanced Photography Studio 3 Credit Hours

- ART 4078 - Mid-Program Review 0 Credit Hours
- ART 4998 - Senior Capstone Experience I 1 Credit Hours
- ART 4999 - Senior Capstone Experience II 2 Credit Hours

Printmaking Sequence: 24 Hours

- ART 3802 - Relief Printmaking 3 Credit Hours
- ART 4803 - Intaglio 3 Credit Hours
- ART 4804 - Lithography 3 Credit Hours
- ART 4805 - Advanced Printmaking 1.0 - 3.0 Credit Hours
- ART 4821 - Printmaking IV: Screenprinting 3 Credit Hours
- ART 4822 - The Art of Letterpress Printing and the Book 3 Credit Hours
- ART 4078 - Mid-Program Review 0 Credit Hours
- ART 4998 - Senior Capstone Experience I 1 Credit Hours
- ART 4999 - Senior Capstone Experience II 2 Credit Hours

Sculpture Sequence: 24 Hours

- ART 3902 - Sculpture II 3 Credit Hours
- ART 3903 - Sculpture III 3 Credit Hours
- ART 4903 - Sculpture IV 3 Credit Hours
- ART 4904 - Advanced Sculpture 1.0 - 3.0 Credit Hours
- ART 4078 - Mid-Program Review 0 Credit Hours
- ART 4998 - Senior Capstone Experience I 1 Credit Hours
- ART 4999 - Senior Capstone Experience II 2 Credit Hours

Art History Electives: 6 Hours

3000 or Above

Must Include

- ART 3210 - Non-Western Art 3 Credit Hours
  (or)
- ART 4211 - Japanese Art 3 Credit Hours
  (or)
- ART 4215 - Art of the African Diaspora 3 Credit Hours

Art Electives: 12 Hours

3000 or Above

Concentration Electives: 9 Hours

3000 or Above

Total: 126 Hours

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.

Theatre with Concentrations in Acting, Design/Technology, and Generalist, B.F.A.

Acting Concentration: The purpose of the Bachelor of Fine Arts in Theatre (Acting) is to prepare the student for the professional life as an actor. Through rigorous training, the BFA in Theatre (Acting) will develop students to be confident, proficient, and knowledgeable professionals who will be able to work in the stage and film industries. The faculty of the UWG Theatre Program will strive to create a nurturing, safe environment that holds the students to high standards and values.

Design/Technology Concentration: The purpose of the Bachelor of Fine Arts in Theatre (Design & Technology) is to prepare the student for the professional life as a designer in a way that allows the student to understand the connection between the various areas of design and technical theatre, and the link between theatre and film. Through rigorous training, the BFA in Theatre (Design & Technology) will develop students to be confident, proficient, and knowledgeable professionals who will be able to work in theatre. Because Georgia has become a major hub for film, the BFA with the Design and Technology concentration will also introduce design students to the film industry by touching on design for that industry. The faculty of the UWG Theatre Program will strive to create a nurturing, safe environment that holds the students to high standards and values.

Generalist Concentration: The purpose of the BFA in Theatre, Generalist concentration is to give students the opportunity to learn and be competent in acting, design/technology, and writing for the Theatre. Courses within this concentration include aspects of film as well. The competencies for this concentration will be a mix of acting, design/technology and/or writing. The faculty of the UWG Theatre Program will strive to create a nurturing, safe environment that holds the students to high standards and values.

Requirements

Required courses for all concentrations

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

- THEA 1100 - Theatre Appreciation 3 Credit Hours
- THEA 2290 - Stage and Film Craft I 3 Credit Hours
- THEA 2100 - Play Analysis 3 Credit Hours
- THEA 2291 - Developing A Character 3 Credit Hours
- THEA 2310 - Stage Makeup 3 Credit Hours
- THEA 1111 - Performance and Production 1 Credit Hours
- THEA 1112 - Performance and Production 1 Credit Hours
- THEA 2111 - Performance and Production 1 Credit Hours

BFA in Theatre with a Concentration in Acting

Acting Concentration: The purpose of the Bachelor of Fine Arts in Theatre (Acting) is to prepare the student for the professional life as an actor. Through rigorous training, the BFA in Theatre (Acting) will develop students to be confident, proficient, and knowledgeable professionals who will be able to work in the stage and film industries. The faculty of the UWG Theatre Program will strive to create a nurturing, safe environment that holds the students to high standards and values.

Learning Outcomes:

- Students will develop, through improvisation, various acting techniques, and body and voice development, believable, truthful, and committed characters.
- Students will understand and demonstrate the specific demands of acting styles for major periods and genres of dramatic literature.
- Students will understand and develop the specific skills needed for collaboration with other actors, the director, stage managers, and designers.
- Students will demonstrate their ability to learn and perform dialects and heightened language speech in a clear, articulate and expressive manner.
- Students will develop strong, flexible, and controlled body and vocal instruments that will allow actors to use both instruments effectively in characterizations, and have the ability to project these characterizations in varying performance spaces.
- Students will develop and administer makeup techniques for a wide range of characters.
- Students will understand the basic business procedures of the actor's profession.

Courses Specific to the Major: 54 Hours

- THEA 1000 - Theatre Laboratory 0 Credit Hours
- THEA 1291 - Voice and Movement I 3 Credit Hours
- THEA 1292 - Voice and Movement II 3 Credit Hours
- THEA 2112 - Performance and Production 1 Credit Hours
- THEA 2292 - Contemporary Scene Study 3 Credit Hours

Choose one:

- THEA 2380 - Special Topics in Performance 2 Credit Hours
- THEA 2391 - Fundamentals of Ballet 2 Credit Hours
- THEA 2393 - Beginning Jazz 2 Credit Hours
- THEA 2395 - Musical Theatre Dance 2 Credit Hours

- THEA 2491 - Acting for the Camera 3 Credit Hours
- THEA 2900 - Sophomore Assessment 0 Credit Hours *****
- THEA 3357 - Theatre History I 3 Credit Hours
- THEA 3391 - Acting Shakespeare 3 Credit Hours
- THEA 3392 - Period Scene Study 3 Credit Hours
- THEA 3394 - Directing 3 Credit Hours
- THEA 3415 - Playwriting I: Devised Theatre 3 Credit Hours
- THEA 3491 - Advanced Acting for the Camera 3 Credit Hours
- THEA 3900 - Junior Assessment 0 Credit Hours
- THEA 4111 - Production and Performance Capstone 3 Credit Hours
- THEA 4291 - Advanced Voice 3 Credit Hours
- THEA 4412 - The Business of Acting 3 Credit Hours
- THEA 4415 - Playwriting II 3 Credit Hours

- THEA 4457 - Theatre History II 3 Credit Hours

Choose one:

- THEA 4485 - Special Topics in Theatre 3 Credit Hours
- THEA 4486 - Internship 3.0 - 6.0 Credit Hours

Free Electives: 6 Hours

Total: 120 Hours

Major Requirements

- The student must participate in a Senior Showcase and an exit interview which includes a performance audition and website presentation. All theatre majors are required to follow the guidelines of the Theatre Program Policy Handbook as published annually by the Theatre Program.

*Students must have 15 credit hours with a. 2.5 GPA to be considered for the BFA in Theatre. Additionally, students must take THEA 1000 in order to prepare for their juried presentation (audition or portfolio review) for a faculty review committee. The jury will take place at the end of semester. Students must pass the jury with score of 70% to be admitted into the BFA in Theatre.

BFA in Theatre with a Concentration in Design/Technology

Design/Technology Concentration: The purpose of the Bachelor of Fine Arts in Theatre (Design & Technology) is to prepare the student for the professional life as a designer in a way that allows the student to understand the connection between the various areas of design and technical theatre, and the link between theatre and film. Through rigorous training, the BFA in Theatre (Design & Technology) will develop students to be confident, proficient, and knowledgeable professionals who will be able to work in theatre. Because Georgia has become a major hub for film, the BFA with the Design and Technology concentration will also introduce design students to the film industry by touching on design for that industry. The faculty of the UWG Theatre Program will strive to create a nurturing, safe environment that holds the students to high standards and values.

Learning Outcomes:

- Students will develop the ability to understand and articulate basic elements and principles of design theory.
- Students will develop their understanding of the aesthetic use of color.
- Students will develop the ability to communicate design ideas and realities to other personnel involved in the production, including directors, other designers, stage managers, and actors.
- Students will develop the ability to produce and communicate design ideas with freehand drawings.
- Students will develop a fundamental knowledge of the total design process, including the progression of raw materials through multiple design "shops" and the roles that various craftspeople play in the creation of a finished product.
- Students will gain knowledge of federal, state, and local health and safety codes, best practices, and industry standards as they relate to theatrical venues and production elements.
- Students will compose materials appropriate for the preparation and presentation of a professional portfolio of design and technology-related work that demonstrate one's abilities, strengths, processes, and experiences.

Courses Specific to the Major: 57 Hours

- THEA 1000 - Theatre Laboratory 0 Credit Hours
- THEA 2112 - Performance and Production 1 Credit Hours

- THEA 2214 - Concepts in Theatre and Film Design 3 Credit Hours
- THEA 2215 - Introduction to Lighting, Sound and Media Technology 3 Credit Hours
- THEA 2224 - Drafting and Computer Aided Design 3 Credit Hours
- THEA 2315 - Rendering Styles 3 Credit Hours
- THEA 2325 - Costume Technology 3 Credit Hours
- THEA 2550 - Stage Management 3 Credit Hours
- THEA 2900 - Sophomore Assessment 0 Credit Hours *****
- THEA 3212 - Period Styles in Design 3 Credit Hours
- THEA 3201 - Stage & Film Craft II 3 Credit Hours

Choose one:

- THEA 3415 - Playwriting I: Devised Theatre 3 Credit Hours
- THEA 4415 - Playwriting II 3 Credit Hours

- THEA 3214 - Scenic Design 3 Credit Hours
- THEA 3215 - Lighting Design 3 Credit Hours
- THEA 3290 - Costume Design 3 Credit Hours
- THEA 3394 - Directing 3 Credit Hours
- THEA 3111 - Performance and Production 1 Credit Hours
- THEA 3112 - Performance and Production 1 Credit Hours
- THEA 3357 - Theatre History I 3 Credit Hours
- THEA 3900 - Junior Assessment 0 Credit Hours
- THEA 4111 - Production and Performance Capstone 3 Credit Hours
- THEA 4301 - Solutions in Design and Technology 3 Credit Hours
- THEA 4457 - Theatre History II 3 Credit Hours

Choose one:

- THEA 4485 - Special Topics in Theatre 3 Credit Hours
- THEA 4486 - Internship 3.0 - 6.0 Credit Hours

Free Elective: 3 Hours

Total: 120 Hours

Major Requirements

- The student must participate in a Senior Showcase and an exit interview, which includes a portfolio and website presentation. All theatre majors are required to follow the guidelines of the Theatre Program Policy Handbook as published annually by the Theatre Program.

*Students must have 15 credit hours with a. 2.5 GPA to be considered for the BFA in Theatre. Additionally, students must take THEA 1000 in order to prepare for their juried presentation (audition or portfolio review) for a faculty review committee. The jury will take place at the end of semester. Students must pass the jury with score of 70% to be admitted into the BFA in Theatre.

BFA in Theatre, Generalist Concentration

Learning Outcomes

- Students will demonstrate advanced knowledge and skill, including professional and safety standards, in at least one of the following aspects of the performing arts: scene design, lighting design, costume design, acting, playwriting, management.
- Students will demonstrate proficiency in analyzing text, character, and design elements.
- Students will integrate text and character development and/or design work into cohesive, unified projects.
- Students will collaborate successfully with theatre practitioners in all areas in the creation and execution of work in the theatre.

Courses Specific to the Major: 57 Hours

- THEA 1000 - Theatre Laboratory 0 Credit Hours
- THEA 1291 - Voice and Movement I 3 Credit Hours
- THEA 2112 - Performance and Production 1 Credit Hours
- THEA 2214 - Concepts in Theatre and Film Design 3 Credit Hours
- THEA 2224 - Drafting and Computer Aided Design 3 Credit Hours
- THEA 2491 - Acting for the Camera 3 Credit Hours
- THEA 2550 - Stage Management 3 Credit Hours
- THEA 2900 - Sophomore Assessment 0 Credit Hours
- THEA 3111 - Performance and Production 1 Credit Hours
- THEA 3112 - Performance and Production 1 Credit Hours
- THEA 3201 - Stage & Film Craft II 3 Credit Hours
- THEA 3357 - Theatre History I 3 Credit Hours
- THEA 3391 - Acting Shakespeare 3 Credit Hours
- THEA 3394 - Directing 3 Credit Hours
- THEA 3415 - Playwriting I: Devised Theatre 3 Credit Hours
- THEA 3491 - Advanced Acting for the Camera 3 Credit Hours
- THEA 3900 - Junior Assessment 0 Credit Hours
- THEA 4111 - Production and Performance Capstone 3 Credit Hours
- THEA 4412 - The Business of Acting 3 Credit Hours
- THEA 4415 - Playwriting II 3 Credit Hours
- THEA 4457 - Theatre History II 3 Credit Hours
- FILM 3200 - Screenwriting 3 Credit Hours

Choose one:

- THEA 3214 - Scenic Design 3 Credit Hours
- THEA 3215 - Lighting Design 3 Credit Hours
- THEA 3290 - Costume Design 3 Credit Hours

Choose One:

- THEA 4485 - Special Topics in Theatre 3 Credit Hours
- THEA 4486 - Internship 3.0 - 6.0 Credit Hours

Free Elective: 3 Hours

Total: 120 Hours

Bachelor of Music

Composition, Principal-Applied Area: Keyboard, String, Or Guitar, B.M.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see notes 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 Credit Hours (see "Specific Requirements" No. 3)
  (and)
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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 I.
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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" above for each major and option).

Composition Major: 60 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 1)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 1)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 1)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 1)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours

- MUSC 2502 - Keyboard Skills IV 1 Credit Hours
- MUSC 2600 - Principal Applied 2 (see "Specific Requirements" No. 2)
- MUSC 3601 - Woodwind Techniques and Materials 1 Credit Hours
- MUSC 3602 - Brass Techniques and Materials 1 Credit Hours
- MUSC 3603 - Percussion Techniques and Materials 1 Credit Hours
- MUSC 3604 - String Techniques and Materials 1 Credit Hours
- MUSC 3605 - Voice Techniques and Materials 1 Credit Hours
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours
- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4240 - Form and Analysis 2 Credit Hours
- MUSC 4410 - Applied Composition 1.0 - 2.0 Credit Hours
- MUSC 4600 - Principal Applied 4 (see note 4 and "Specific Requirements" No. 2 below)
  (and)
- MUSC 4610 - Secondary Applied **(or)**
- MUSC 4944 - Half Composition Recital 2 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- MUSC 4945 - Full Composition Recital 3 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- Upper-Division Electives in Music 7

Principal-Applied Area: Keyboard, String, Or Guitar

- MUSC 4700 - Wind Ensemble 1 Credit Hours
- MUSC 4710 - Symphony Band 1 Credit Hours
- MUSC 4720 - Marching Band 1 Credit Hours
- MUSC 4740 - Chamber Winds 1 Credit Hours
- MUSC 4750 - Concert Choir 1 Credit Hours
- MUSC 4760 - Chamber Singers 1 Credit Hours
- MUSC 4770 - Opera Workshop 1 Credit Hours **(or)**
- MUSC 4800 - Small Ensemble (see "Specific Requirements" No. 2.C.)

Total Degree Program: 120 Hours

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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. At least one semester of Marching Band is required. 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 mu-sic) 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.

Composition, Principal-Applied Area: Voice, B.M.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see notes 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)

- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No. 3)
  (and)
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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 I.
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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" above for each major and option).

Composition Major: 60 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 2)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 2)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 2)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 2)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours (see note 3)
- MUSC 2502 - Keyboard Skills IV 1 Credit Hours
- MUSC 2600 - Principal Applied 2 (see "Specific Requirements" No. 2)
- MUSC 3601 - Woodwind Techniques and Materials 1 Credit Hours
- MUSC 3602 - Brass Techniques and Materials 1 Credit Hours
- MUSC 3603 - Percussion Techniques and Materials 1 Credit Hours
- MUSC 3604 - String Techniques and Materials 1 Credit Hours
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours
- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4240 - Form and Analysis 2 Credit Hours
- MUSC 4410 - Applied Composition 1.0 - 2.0 Credit Hours
  MUSC 4600 - Principal Applied 4 (see note 4 and "Specific Requirements" No. 2 below)
  (and)
- MUSC 4610 - Secondary Applied **(or)**

- MUSC 4944 - Half Composition Recital 2 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- MUSC 4945 - Full Composition Recital 3 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- Upper-Division Electives in Music 7

Principal-Applied Area: Voice

- MUSC 4750 - Concert Choir 1 Credit Hours
- MUSC 4760 - Chamber Singers 1 Credit Hours **(or)**
- MUSC 4770 - Opera Workshop 1 Credit Hours (see "Specific Requirements" No. 2.B.)

Total Degree Program: 120 Hours

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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. At least one semester of Marching Band is required. 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 mu-sic) 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.

Composition, Principal-Applied Area: Woodwind, Brass, Or Percussion, B.M.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see note 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No. 3)
  (and)
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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 I.
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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" above for each major and option).

Composition Major: 60 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 2)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 2)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 2)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 2)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours (see note 3)
- MUSC 2502 - Keyboard Skills IV 1 Credit Hours
- MUSC 2600 - Principal Applied 2 (see "Specific Requirements" No. 2)
- MUSC 3601 - Woodwind Techniques and Materials 1 Credit Hours
- MUSC 3602 - Brass Techniques and Materials 1 Credit Hours
- MUSC 3603 - Percussion Techniques and Materials 1 Credit Hours
- MUSC 3604 - String Techniques and Materials 1 Credit Hours
- MUSC 3605 - Voice Techniques and Materials 1 Credit Hours
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours
- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4410 - Applied Composition 1.0 - 2.0 Credit Hours
- MUSC 4600 - Principal Applied 4 (see note 4 and "Specific Requirements" No. 2 below)
  (and)
- MUSC 4610 - Secondary Applied **(or)**
- MUSC 4944 - Half Composition Recital 2 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- MUSC 4945 - Full Composition Recital 3 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- Upper-Division Electives in Music 7

Principal-Applied Area: Woodwind, Brass, Or Percussion

- MUSC 4700 - Wind Ensemble 1 Credit Hours
- MUSC 4710 - Symphony Band 1 Credit Hours
- MUSC 4720 - Marching Band 1 Credit Hours
- MUSC 4740 - Chamber Winds 1 Credit Hours **(or)**
- MUSC 4800: Small Ensemble (see "Specific Requirements" No. 2.A.)

Total Degree Program: 120 Hours

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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. At least one semester of Marching Band is required. 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 mu-sic) 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.

Music Education, Option: Keyboard, String, & Guitar, B.M.

This program is intended for those students who wish to teach music in the schools at the elementary, middle, and/or high school level. Students who complete this program have many career options in teaching and performance and can opt to pursue graduate study and seek teaching positions in higher education.

Certification to teach in the state of Georgia has requirements beyond academic curriculum. See the Office of Teacher Certification for more details.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see notes 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)
- MUSC 2600 - Principle Applied 4 (see "Specific Requirements" No.3) **(and)**
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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 I.
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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" above for each major and option).

Music Education Major: 48 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 2)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 2)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 2)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 2)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours (see note 3)
- MUSC 2502 - Keyboard Skills IV 1 Credit Hours (see note 3)

- MUSC 2600 - Principal Applied 1.0-2.0 (see "Specific Requirements" No. 3 below)
- MUSC 3601 - Woodwind Techniques and Materials 1 Credit Hours
- MUSC 3602 - Brass Techniques and Materials 1 Credit Hours
- MUSC 3603 - Percussion Techniques and Materials 1 Credit Hours
- MUSC 3604 - String Techniques and Materials 1 Credit Hours
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours
- MUSC 3900 - Music in Elementary Schools 3 Credit Hours (see note 6)
- MUSC 4040 - Principles and Methods of Music Learning and Teaching 3 Credit Hours (see note 6)
- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4600 - Principal Applied 6 (see note 4 and "Specific Requirements" No. 3 below)

Option: Keyboard, String, & Guitar

- MUSC 3605 - Voice Techniques and Materials 1 Credit Hours
  (and)
- MUSC 4011 - Choral Methods and Materials 3 Credit Hours **(or)**
- MUSC 4021 - Instrumental Methods and Materials 3 Credit Hours (see note 5 & 6)
  (and)
- MUSC 4700 - Wind Ensemble 1 Credit Hours **(or)**
- MUSC 4710 - Symphony Band 1 Credit Hours **(or)**
- MUSC 4720 - Marching Band 1 Credit Hours **(or)**
- MUSC 4750 - Concert Choir 1 Credit Hours (see "Specific Requirements" No. 2.C. below)

Notes:

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a Prerequisite to MUSC 3850, MUSC 3900 MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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 4040 and admission to the Teacher Education program. Admission requires a GPA of at least 2.7 and passage of the Georgia Educator Ethics Assessment (Test 360).
6. This course includes a field-based music teaching experience once per week.

Professional Education: 24 Hours

- CEPD 4101 - Educational Psychology 3 Credit Hours **
- SPED 3715 - The Inclusive Classroom: Differentiating Instruction 3 Credit Hours **Minimum Grade of B required
- MUSC 4186 - Teaching Internship 3 Credit Hours
- MUSC 4187 - Teaching Internship 3 Credit Hours
- MUSC 4188 - Teaching Internship 3 Credit Hours ***

Total Degree Program: 122 Hours

*** Prerequisite: admission to the Teacher Education program. Admission requires a GPA of at least 2.7 and passage of the Georgia Educator Ethics Assessment (Test 360)*

**** Admission to the Teaching Internship requires the satisfactory completion of all coursework (see College of Education). Admission to Teacher Education must be completed by June 1 prior to enrolling in MUSC 3900 - Music in Elementary Schools.*

Specific Requirements, Bachelor of Music in Music Education

1. Admission to the Teacher Education program requires the completion of 30 credit hours, including Core Area A, a minimum overall GPA of 2.7, passage of the Georgia Educator Ethics Assessment (Test 360), and approval by the Music Program. Successful completion of the Music education program requires that students must maintain a minimum overall GPA of 2.7, earn a grade of C or better in all professional education courses, teaching field courses, and supporting courses for the teaching field, and successful completion of all field experiences. 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, Wind Ensemble, or Symphonic Band each term offered, with the exception of the semester of the teaching internship. At least two semesters of Marching Band are required. 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, Wind Ensemble, Symphonic 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.

Music Education, Option: Voice, B.M.

This program is intended for those students who wish to teach music in the schools at the elementary, middle, and/or high school level. Students who complete this program have many career options in teaching and performance and can opt to pursue graduate study and seek teaching positions in higher education.

Certification to teach in the state of Georgia has requirements beyond academic curriculum. See the Office of Teacher Certification for more details.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see notes 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No.3)
  (and)
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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 I.
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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" above for each major and option).

Music Education Major: 48 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 2)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 2)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 2)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 2)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours (see note 3)
- MUSC 2502 - Keyboard Skills IV 1 Credit Hours (see note 3)
- MUSC 2600 - Principle Applied 1.0 - 2.0 (see "Specific Requirements" No. 3 below)
- MUSC 3601 - Woodwind Techniques and Materials 1 Credit Hours
- MUSC 3602 - Brass Techniques and Materials 1 Credit Hours
- MUSC 3603 - Percussion Techniques and Materials 1 Credit Hours
- MUSC 3604 - String Techniques and Materials 1 Credit Hours
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours
- MUSC 3900 - Music in Elementary Schools 3 Credit Hours (see note 6)
- MUSC 4040 - Principles and Methods of Music Learning and Teaching 3 Credit Hours (see note 6)
- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4600 - Principal Applied 6 (see note 4 and "Specific Requirements" No. 3 below)

Option: Voice

- MUSC 3606 - Principles of Diction 1 Credit Hours
- MUSC 4011 - Choral Methods and Materials 3 Credit Hours (see note 5 & 6)
- MUSC 4750 - Concert Choir 1 Credit Hours (see "Specific Requirements" No. 2.B. below)

Notes:

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a Prerequisite to MUSC 3850, MUSC 3900 MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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 4040 and admission to the Teacher Education program. Admission requires a GPA of at least 2.7 and passage of the Georgia Educator Ethics Assessment (Test 360)
6. This course includes a field-based music teaching experience once per week.

Professional Education: 24 Hours

- CEPD 4101 - Educational Psychology 3 Credit Hours **
- SPED 3715 - The Inclusive Classroom: Differentiating Instruction 3 Credit Hours **Minimum Grade of B required
- MUSC 4186 - Teaching Internship 3 Credit Hours
- MUSC 4187 - Teaching Internship 3 Credit Hours
- MUSC 4188 - Teaching Internship 3 Credit Hours ***

Total Degree Program: 122 Hours

*** Prerequisite: admission to the Teacher Education program. Admission requires a GPA of at least 2.7 and passage of the Georgia Educator Ethics Assessment (Test 360)*

**** Admission to the Teaching Internship requires the satisfactory completion of all coursework (see College of Education). Admission to Teacher Education must be completed by June 1 prior to enrolling in MUSC 3900 - Music in Elementary Schools.*

Specific Requirements, Bachelor of Music in Music Education

1. Admission to the Teacher Education program requires the completion of 30 credit hours, including Core Area A, a minimum overall GPA of 2.7, passage of the Georgia Educator Ethics Assessment (Test 360), and approval by the Music Program. Successful completion of the Music education program requires that students must maintain a minimum overall GPA of 2.7, earn a grade of C or better in all professional education courses, teaching field courses, and supporting courses for the teaching field, and successful completion of all field experiences. 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, Wind Ensemble, or Symphonic Band each term offered, with the exception of the semester of the teaching internship. At least two semesters of Marching Band are required. 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, Wind Ensemble, Symphonic 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.

Music Education, Option: Woodwind, Brass, & Percussion, B.M.

This program is intended for those students who wish to teach music in the schools at the elementary, middle, and/or high school level. Students who complete this program have many career options in teaching and performance and can opt to pursue graduate study and seek teaching positions in higher education.

Certification to teach in the state of Georgia has requirements beyond academic curriculum. See the Office of Teacher Certification for more details.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see notes 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No.3)
  (and)
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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.

Orientation to Technology is included in the first five weeks of MUSC 1401 - Aural Skills I.

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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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.

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" above for each major and option).

Music Education Major: 48 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 2)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 2)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 2)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 2)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours (see note 3)
- MUSC 2502 - Keyboard Skills IV 1 Credit Hours (see note 3)
- MUSC 2600 - Principle Applied 1.0 - 2.0 (see "Specific Requirements" No. 3 below)
- MUSC 3601 - Woodwind Techniques and Materials 1 Credit Hours
- MUSC 3602 - Brass Techniques and Materials 1 Credit Hours
- MUSC 3603 - Percussion Techniques and Materials 1 Credit Hours
- MUSC 3604 - String Techniques and Materials 1 Credit Hours
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours
- MUSC 3900 - Music in Elementary Schools 3 Credit Hours (see note 6)
- MUSC 4040 - Principles and Methods of Music Learning and Teaching 3 Credit Hours (see note 6)
- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4600 - Principal Applied 6 (see note 4 and "Specific Requirements" No. 3 below)

Option: Woodwind, Brass, & Percussion

- MUSC 3605 - Voice Techniques and Materials 1 Credit Hours
- MUSC 4021 - Instrumental Methods and Materials 3 Credit Hours (see note 5 & 6)
  (and)
- MUSC 4700 - Wind Ensemble 1 Credit Hours **(or)**
- MUSC 4710 - Symphony Band 1 Credit Hours **(or)**
- MUSC 4720 - Marching Band 1 Credit Hours (see "Specific Requirements" No. 2.A.)
  (and)
- MUSC 28XX **(or)**
- MUSC 48XX one semester of Small Ensemble is required

Notes:

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a

Prerequisite to MUSC 3850, MUSC 3900 MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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 4040 and admission to the Teacher Education program. Admission requires a GPA of at least 2.7 and passage of the Georgia Educator Ethics Assessment (Test 360).
6. This course includes a field-based music teaching experience once per week.

Professional Education: 24 Hours

- CEPD 4101 - Educational Psychology 3 Credit Hours **
- SPED 3715 - The Inclusive Classroom: Differentiating Instruction 3 Credit Hours **Minimum Grade of B required
- MUSC 4186 - Teaching Internship 3 Credit Hours
- MUSC 4187 - Teaching Internship 3 Credit Hours
- MUSC 4188 - Teaching Internship 3 Credit Hours **

Total Degree Program: 122 Hours

*** Prerequisite: admission to the Teacher Education program. Admission requires a GPA of at least 2.7 and passage of the Georgia Educator Ethics Assessment (Test 360)*

**** Admission to the Teaching Internship requires the satisfactory completion of all coursework (see College of Education). Admission to Teacher Education must be completed by June 1 prior to enrolling in MUSC 3900 - Music in Elementary Schools.*

Specific Requirements, Bachelor of Music in Music Education

1. Admission to the Teacher Education program requires the completion of 30 credit hours, including Core Area A, a minimum overall GPA of 2.7, passage of the Georgia Educator Ethics Assessment (Test 360), and approval by the Music Program. Successful completion of the Music education program requires that students must maintain a minimum overall GPA of 2.7, earn a grade of C or better in all professional education courses, teaching field courses, and supporting courses for the teaching field, and successful completion of all field experiences. 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, Wind Ensemble, or Symphonic Band each term offered, with the exception of the semester of the teaching internship. At least two semesters of Marching Band are required. 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, Wind Ensemble, Symphonic 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.

Performance, Emphasis in Piano Pedagogy, B.M.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see notes 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No.3)
  (and)
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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.

Orientation to Technology is included in the first five weeks of MUSC 1401 - Aural Skills I.

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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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.

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" above for each major and option).

Performance Major: 60 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 2)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 2)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 2)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 2)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours (see note 3)
- MUSC 2502 - Keyboard Skills IV 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No. 2 below)
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours
- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4240 - Form and Analysis 2 Credit Hours
- MUSC 4600 - Principal Applied 10 (see note 4 and "Specific Requirements" No. 2 below)
- MUSC 4941 - Half Recital 0 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- MUSC 4942 - Full Recital 0 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- MUSC 4171 - Keyboard Literature Before 1825 2 Credit Hours
- MUSC 4172 - Keyboard Literature After 1825 2 Credit Hours

Select 2 Hours

- MUSC 4700 - Wind Ensemble 1 Credit Hours
- MUSC 4710 - Symphony Band 1 Credit Hours
- MUSC 4720 - Marching Band 1 Credit Hours
- MUSC 4740 - Chamber Winds 1 Credit Hours
- MUSC 4750 - Concert Choir 1 Credit Hours
- MUSC 4760 - Chamber Singers 1 Credit Hours
- MUSC 4770 - Opera Workshop 1 Credit Hours (or)
- MUSC 4800 - Small Ensemble (see "Specific Requirements" No. 1)

Emphasis: Piano Pedagogy

- MUSC 4181 - Piano Pedagogy I 2 Credit Hours
- MUSC 4182 - Piano Pedagogy II 2 Credit Hours
- MUSC 4183 - Piano Pedagogy III 2 Credit Hours
- MUSC 4184 - Piano Pedagogy IV 2 Credit Hours
- MUSC 4175 - Collaborative Keyboard Skills I 1 Credit Hours
- MUSC 4176 - Collaborative Keyboard Skills II 1 Credit Hours
- Upper-Division Electives in Music 2

Total Degree Program: 120 Hours

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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.

Performance, Keyboard Option, B.M.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see notes 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No.3)
  (and)
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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 I.
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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" above for each major and option).

Performance Major: 60 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 2)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 2)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 2)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 2)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours (see note 3)
- MUSC 2502 - Keyboard Skills IV 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No. 2 below)
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours

- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4240 - Form and Analysis 2 Credit Hours
- MUSC 4600 - Principle Applied 10 (see note 4 and "Specific Requirements" No. 2 below)
- MUSC 4941 - Half Recital 0 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- MUSC 4942 - Full Recital 0 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- MUSC 4171 - Keyboard Literature Before 1825 2 Credit Hours
- MUSC 4172 - Keyboard Literature After 1825 2 Credit Hours

Select 2 Hours

- MUSC 4700 - Wind Ensemble 1 Credit Hours
- MUSC 4710 - Symphony Band 1 Credit Hours
- MUSC 4720 - Marching Band 1 Credit Hours
- MUSC 4740 - Chamber Winds 1 Credit Hours
- MUSC 4750 - Concert Choir 1 Credit Hours
- MUSC 4760 - Chamber Singers 1 Credit Hours
- MUSC 4770 - Opera Workshop 1 Credit Hours (or)
- MUSC 4800 - Small Ensemble (see "Specific Requirements" No. 1)

Option: Keyboard

- MUSC 4181 - Piano Pedagogy I 2 Credit Hours
- MUSC 4182 - Piano Pedagogy II 2 Credit Hours
- MUSC 4175 - Collaborative Keyboard Skills I 1 Credit Hours
- MUSC 4176 - Collaborative Keyboard Skills II 1 Credit Hours
- Upper-Division Electives in Music 6

Total Degree Program: 120 Hours

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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.

Performance, Option: String & Guitar, B.M.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see notes 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements No.3)
  (and)
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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 I.
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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" above for each major and option).

Performance Major: 60 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 2)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 2)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 2)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 2)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours (see note 3)
- MUSC 2502 - Keyboard Skills IV 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No. 2 below)
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours
- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4240 - Form and Analysis 2 Credit Hours
- MUSC 4600 - Principal Applied 10 (see note 4 and "Specific Requirements" No. 2 below)
- MUSC 4941 - Half Recital 0 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- MUSC 4942 - Full Recital 0 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- Upper-Division Electives in Music 8

Option: String & Guitar

- MUSC 3604 - String Techniques and Materials 1 Credit Hours
(and)
- MUSC 4160 - Instrumental Pedagogy and Literature 3 Credit Hours

Select 4 Hours

- MUSC 4700 - Wind Ensemble 1 Credit Hours
- MUSC 4710 - Symphony Band 1 Credit Hours
- MUSC 4720 - Marching Band 1 Credit Hours
- MUSC 4740 - Chamber Winds 1 Credit Hours
- MUSC 4750 - Concert Choir 1 Credit Hours
- MUSC 4760 - Chamber Singers 1 Credit Hours
- MUSC 4770 - Opera Workshop 1 Credit Hours **(or)**

- MUSC 4800 - Small Ensemble (see "Specific Requirements" No. 1.C.)
  (and)
- MUSC 4800 - Small Ensemble 1

Total Degree Program: 120 Hours

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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. At least one semester of Marching Band is required. Thereafter, these students enroll in at least one wind and/or percussion ensemble appropriate to their Principal-Applied performance area every semester offered.
    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.

Performance Major: 60 Hours

Performance, Option: Voice, B.M.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see notes 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No.3)
(and)
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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 I.
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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" above for each major and option).

Performance Major: 60 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 2)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 2)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 2) (see note 3)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 2) (see note 3)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours (see note 3)
- MUSC 2502 - Keyboard Skills IV 1 Credit Hours
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements" No. 2 below)
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours
- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4240 - Form and Analysis 2 Credit Hours
- MUSC 4600 - Principal Applied 10 (see note 5 and "Specific Requirements" No. 2 D)
- MUSC 4941 - Half Recital 0 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- MUSC 4942 - Full Recital 0 Credit Hours (see note 5 and "Specific Requirements" No. 2 D)
- Upper-Division Electives in Music 8

Option: Voice

- Foreign Language: French, German, or Italian 3
- MUSC 3606 - Principles of Diction 1 Credit Hours
- MUSC 4150 - Vocal Pedagogy and Literature 3 Credit Hours
  (and)
- MUSC 4750 - Concert Choir 1 Credit Hours
- MUSC 4760 - Chamber Singers 1 Credit Hours **(or)**
- MUSC 4770 - Opera Workshop 1 Credit Hours (see "Specific Requirements" No. 1.B.)
  (and)
- MUSC 4760 - Chamber Singers 1 **(or)**
  MUSC 4770 - Opera Workshop 1

Total Degree Program: 120 Hours

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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. At least one semester of Marching Band is required. Thereafter, these students enroll in at least one wind and/or percussion ensemble appropriate to their Principal-Applied performance area every semester offered.
    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.

Performance Major: 60 Hours

Performance, Option: Woodwind, Brass, & Percussion, B.M.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Music: 18 Hours

- MUSC 1301 - Music Theory I 3 Credit Hours (see note 1)
- MUSC 1302 - Music Theory II 3 Credit Hours (see note 1)
- MUSC 1401 - Aural Skills I 1 Credit Hours (see notes 1 and 2)
- MUSC 1402 - Aural Skills II 1 Credit Hours (see note 1)
- MUSC 1501 - Keyboard Skills I 1 Credit Hours (see note 3)
- MUSC 1502 - Keyboard Skills II 1 Credit Hours (see note 3)
- MUSC 2600 - Principal Applied 4 (see "Specific Requirements No.3)
  (and)
- MUSC 2700 - Wind Ensemble 1 Credit Hours
- MUSC 2710 - Symphony Band 1 Credit Hours
- MUSC 2720 - Marching Band 1 Credit Hours **(or)**
- MUSC 2750 - Concert Choir 1 Credit Hours (see note 4)

Notes:

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 I.
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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" above for each major and option).

Performance Major: 60 Hours

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours (see note 1)
- MUSC 2301 - Music Theory III 3 Credit Hours (see note 2)
- MUSC 2302 - Music Theory IV 3 Credit Hours (see note 2)
- MUSC 2401 - Aural Skills III 1 Credit Hours (see note 2)
- MUSC 2402 - Aural Skills IV 1 Credit Hours (see note 2)
- MUSC 2501 - Keyboard Skills III 1 Credit Hours (see note 3)
- MUSC 2502 - Keyboard Skills IV 1 Credit Hours (see note 3)
- MUSC 2600 - Principle Applied 4 (see "Specific Requirements" No. 2 below)
- MUSC 3701 - Western Music Before 1800 3 Credit Hours
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
- MUSC 3850 - Conducting 2 Credit Hours
- MUSC 4200 - Orchestration and Arranging 2 Credit Hours
- MUSC 4240 - Form and Analysis 2 Credit Hours
- MUSC 4600 - Principal Applied 10 (see note 4 and "Specific Requirements" No. 2 below)
- MUSC 4941 - Half Recital 0 Credit Hours (see note 5 and "Specific Requirements" No. 2 below)

- MUSC 4942 - Full Recital 0 Credit Hours (see note 5 and "Specific Requirements" No. 2 below)
- Upper-Division Electives in Music 8

Option: Woodwind, Brass, & Percussion

- MUSC 3601 - Woodwind Techniques and Materials 1 Credit Hours **(or)**
- MUSC 3602 - Brass Techniques and Materials 1 Credit Hours **(or)**
- MUSC 3603 - Percussion Techniques and Materials 1 Credit Hours (Enroll in the course associated with the Principal-Applied area.)
  (and)
- MUSC 4610 - Secondary Applied **(or)**
- MUSC 4160 - Instrumental Pedagogy and Literature 3 Credit Hours
  (and)
- MUSC 4700 - Wind Ensemble 1 Credit Hours
- MUSC 4710 - Symphony Band 1 Credit Hours
- MUSC 4720 - Marching Band 1 Credit Hours
- MUSC 4740 - Chamber Winds 1 Credit Hours **(or)**
- MUSC 4800 - Small Ensemble (see "Specific Requirements" No. 1.A.)
  (and)
- MUSC 4800 - Small Ensemble 1

Total Degree Program: 120 Hours

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees below.)
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, MUSC 1502, MUSC 2501, MUSC 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, MUSC 3900, MUSC 4171, MUSC 4172, MUSC 4181, MUSC 4182, MUSC 4311 and MUSC 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. At least one semester of Marching Band is required. Thereafter, these students enroll in at least one wind and/or

percussion ensemble appropriate to their Principal-Applied performance area every semester offered.

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.

Stand Alone Certificates

Certificate of Less than One Year in Arts Management

The Arts Management certificate is a 15-credit hour program that introduces the "business" of creative work. Students will take courses in leadership, marketing, development, and finance as they pertain to the non-profit creative sector, while also taking courses that give them practical and professional experiences in Arts Management.

Learning Outcomes

By completion of the Arts Management certificate, students will be able to:

- Articulate the business structure of a non-profit arts organization as compared to a commercial arts organization;
- Demonstrate skills and conceptual knowledge in the various areas of arts management.

Required Courses

Courses that an Arts Management Certificate candidate are required to take. Please note, students must take AMGT 3400 three times with three different faculty mentors.

- AMGT 3000 - Introduction to Arts Management 3 Credit Hours
- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- AMGT 3400 - Arts Management Practicum 1 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours

Option to take One Required Course

Students must take one of the following courses for the Arts Management Certificate

- ART 4586 - Internship 1.0 - 9.0 Credit Hours
- ENGL 4386 - Internship 3 Credit Hours
- FREN 4100 - French Film Internship 3 Credit Hours
- HIST 4403 - Introduction to Museum Studies 3 Credit Hours
- HIST 4486 - Public History Internship 3.0 - 6.0 Credit Hours
- MUSC 4865 - Music Business Internship 3.0 - 9.0 Credit Hours
- THEA 4486 - Internship 3.0 - 6.0 Credit Hours

Certificate of Less than One Year in Jazz Studies

The certificate provides specialized instruction in the field of Jazz Studies through the study of improvisation, arranging & composition, history & styles, and ensembles.

Learning Outcomes

1. Student demonstrates competence in improvising with clarity of pitch and rhythm over common jazz chord progressions.
2. Student demonstrates competence in writing arrangements that include rhythmic, harmonic, and melodic language common in jazz.
3. Student demonstrates knowledge of the cultural context around the development of jazz.

Requirements

- MUSC 2311 - Introduction to Jazz Skills 2 Credit Hours
- MUSC 2730 - Jazz Ensemble 1 Credit Hours
- MUSC 4800O - Small Ensemble: Jazz Combo 1 Credit Hours
- MUSC 4300 - Jazz History and Styles 1 Credit Hours
- MUSC 4321 - Applied Jazz Improvisation 1 Credit Hours
- MUSC 4311 - Applied Jazz Composition and Arranging 1 Credit Hours
- MUSC 4730 - Jazz Ensemble 1 Credit Hours
  Note: Students must take two semesters each of MUSC 4730 and MUSC 4800O.

Certificate of Less than One Year in Musical Theatre

Description

The Interdisciplinary Certificate in Musical Theatre provides students of musical theatre the opportunity to take courses in the three facets of the discipline: Theatre, Music, and Dance. Students must audition to be admitted into the certificate program. This is a 17 credit hour interdisciplinary (Music, Theatre, Dance), stand alone certificate in musical theatre.

Admission Requirements:

- Students must be degree-seeking at the University of West Georgia.

- Students must audition to be admitted into the Musical Theatre Certificate Program.

Certificate Learning Outcomes

The Interdisciplinary Certificate in Musical Theatre will:

- Provide focused introductory training in singing, dancing, and acting;
- Introduce students to the complexity of training to be a performer;
- Identify the training and skills needed to be a triple threat for the stage and film;
- Provide a safe environment for the student artist to flourish.

Student Learning Outcomes:

By the completion of this certificate, students will:

- Develop and apply acting skills to the music, scene, and dance work covered in class sessions;
- Demonstrate the ability to perform dance and movement for the Musical Theatre;
- Apply note reading skills in the rehearsal and performance of a song.

17 Credit Hours

- THEA 1291 - Voice and Movement I 3 Credit Hours
- THEA 2291 - Developing A Character 3 Credit Hours **OR**
- THEA 2292 - Contemporary Scene Study 3 Credit Hours
- THEA 3591 - Musical Theatre Technique 3 Credit Hours
- THEA 4412 - The Business of Acting 3 Credit Hours
- MUSC 1201 - Class Piano I 1 Credit Hours (Non-Music Majors)
  OR
- MUSC 1501 - Keyboard Skills I 1 Credit Hours
- MUSC 2610C - Non-Music-Major Applied: Voice 1.0 - 2.0 Credit Hours
  OR
- MUSC 2600C - Applied: Voice 1.0 - 2.0 Credit Hours
  Select One
- THEA 2380 - Special Topics in Performance 2 Credit Hours
- THEA 2391 - Fundamentals of Ballet 2 Credit Hours
- THEA 2393 - Beginning Jazz 2 Credit Hours
- THEA 2395 - Musical Theatre Dance 2 Credit Hours
  Select One
- MUSC 2750 - Concert Choir 1 Credit Hours
- MUSC 2760 - Chamber Singers 1 Credit Hours
- MUSC 2770 - Opera Workshop 1 Credit Hours

Minor

Art History Minor

Requirements

Students wishing to minor in art history must complete the following courses and nine additional hours of art history courses numbered 3000 or above.

- ART 2201 - History of World Art I 3 Credit Hours
- ART 2202 - History of World Art II 3 Credit Hours

Art Minor

Requirements

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

- ART 1006 - Design I (2D) 3 Credit Hours
- ART 1007 - Drawing I 3 Credit Hours
- ART 1009 - Design II (3D) 3 Credit Hours

Music Minor

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.

Requirements

- MUSC 1000 - Comprehensive Music Laboratory 0 Credit Hours
- MUSC 1301 - Music Theory I 3 Credit Hours
- MUSC 1401 - Aural Skills I 1 Credit Hours
- MUSC 2600 - Principal Applied 2 (see note 4)
  (and)
- MUSC 3701 - Western Music Before 1800 3 Credit Hours **(or)**
- MUSC 3702 - Western Music After 1825 and World Music 3 Credit Hours
  (and)
- Lower-Division Electives in Music 3
- Upper-Division Electives in Music 2

Principal-Applied Area: Woodwind, Brass, or Percussion: 4 Hours

- MUSC 4700 - Wind Ensemble 1 Credit Hours
- MUSC 4710 - Symphony Band 1 Credit Hours
- MUSC 4720 - Marching Band 1 Credit Hours
- MUSC 4730 - Jazz Ensemble 1 Credit Hours
- MUSC 4740 - Chamber Winds 1 Credit Hours
- MUSC 4800 - Small Ensembles (see note 5)

Principal-Applied Area: Voice: 4 Hours

- MUSC 4750 - Concert Choir 1 Credit Hours
- MUSC 4760 - Chamber Singers 1 Credit Hours
- MUSC 4770 - Opera Workshop 1 Credit Hours (see note 5)

Principal-Applied Area: Keyboard, String, or Guitar: 4 Hours

- MUSC 4700 - Wind Ensemble 1 Credit Hours
- MUSC 4710 - Symphony Band 1 Credit Hours
- MUSC 4720 - Marching Band 1 Credit Hours
- MUSC 4730 - Jazz Ensemble 1 Credit Hours
- MUSC 4740 - Chamber Winds 1 Credit Hours
- MUSC 4750 - Concert Choir 1 Credit Hours
- MUSC 4760 - Chamber Singers 1 Credit Hours
- MUSC 4770 - Opera Workshop 1 Credit Hours
- MUSC 4800 - Small Ensembles (see note 5)

Total: 18 Hours

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 Music Program. Music Majors and Minors are required to enroll for a grade of S or U.
2. Any course in the Music-Theory course sequence can be taken for credit by examination. Credit by examination must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar. Successful completion of the preceding course in the Music-Theory and Aural-Skills course sequences is the prerequisite for the subsequent course.
3. Orientation to Technology is included in the first five weeks of MUSC 1401 - Aural Skills I.
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.

Theatre Minor

Requirements

Required Course:

- THEA 2100 - Play Analysis 3 Credit Hours

Choose Three Courses (3 credit hours):

- THEA 1111 - Performance and Production 1 Credit Hours
- THEA 1112 - Performance and Production 1 Credit Hours
- THEA 2111 - Performance and Production 1 Credit Hours
- THEA 2112 - Performance and Production 1 Credit Hours

- THEA 3111 - Performance and Production 1 Credit Hours
- THEA 3112 - Performance and Production 1 Credit Hours

Choose one course (3 credit hours):

- THEA 2291 - Developing A Character 3 Credit Hours
- THEA 2214 - Concepts in Theatre and Film Design 3 Credit Hours

Choose one course (3 credit hours):

- THEA 3357 - Theatre History I 3 Credit Hours
- THEA 4457 - Theatre History II 3 Credit Hours

And

- Upper Level Electives 6 Credit Hours

Total: 18 Hours

James 'Earl' Perry College of Mathematics, Computing, and Sciences

Renee Butler, Interim Dean

678-839-6485

cmcs@westga.edu

https://www.westga.edu/cmcs

TLC 2200

The James 'Earl' Perry College of Mathematics, Computing, and Sciences offers cutting-edge programs designed to prepare students for successful careers in STEM fields. Emphasizing hands-on learning and real-world applications, students have opportunities to participate in faculty-led research projects and gain valuable experience through industry internships. The college provides a wide range of degree options within two innovative schools. The School of Computing, Analytics, and Modeling houses the computing and mathematics programs, and the School of Field Investigations and Experimental Sciences houses the biology, chemistry, earth and environmental sciences, and physics. With small class sizes, state-of-the-art technology labs, and strong interdisciplinary connections with industry partners, students are well-equipped to tackle the challenges of the future.

The college participates in University College's Bachelor of Interdisciplinary Studies (B.I.S) degree program with pathways in Forensic Science & Investigation, Data Science, Materials Science, and Natural Resources Management. In addition, the college supports the discipline-specific writing certificate housed in the College of Humanities, Arts, and Social Sciences.

School of Computing, Analytics, and Modeling

Michael Scott Gordon, Interim Director

The School of Computing, Analytics, and Modeling offers cutting-edge programs designed to prepare the next generation of mathematicians, statisticians, computing professionals, data analysts, and technology entrepreneurs. With a focus on practical hands-on and career-oriented learning experiences, students gain foundational knowledge and skills tailored to their chosen degrees. The school offers Bachelor of Science degrees in Mathematics, Computing, and Computer Science; a two-year Nexus degree in computing; and interdisciplinary studies in data science. Students benefit from small class sizes, advanced technology labs, and real-world research projects and internships. Solving Today, Shaping Tomorrow!

Computing Program

computing@westga.edu
https://www.westga.edu/computing

The Computing program at the University of West Georgia offers exciting, relevant, and cutting-edge academic programs and research connecting students to the latest in technology. The faculty and staff are future-focused, approachable, diverse, and are dedicated to preparing the next generation of computing professionals and technology entrepreneurs for successful careers. We Code. We Create. We Collaborate.

Professors:

L. Baumstark, M. Orsega, J. Preston (Provost and Senior VPAA), A. Remshagen (Program Coordinator), L. Yang

Associate Professors:

J. Corley, A. Stanescu D. Yoder

Assistant Professors:

M. Munir, M. Rahman

Senior Lecturer:

R. Ahmed

Lecturers:

M. Cannon, T. Wilson

Academic Offerings

The **Bachelor of Science in Computer Science** program offers students a focused and progressive curriculum that integrates that knowledge with the software engineering skills critical for success as software developers in today's information technology job market. Accredited by the Computing Accreditation Commission of ABET, http://www.abet.org.

The **Bachelor of Science in Computing** gives students a broad understanding of the ever-changing field of Computing. Students can deepen their knowledge and sharpen their skills in one or more in-depth technical areas. Upon graduation, students will find employment in high-demand careers in areas such as cybersecurity, information technology, web or mobile development, data science, and game design and development.

The **Nexus in Computing** is a two-year degree that combines general education core courses with specialized computing courses and an internship with an industry partner. It serves students, including adult-learners, who wish to re-tool their career by gaining applied knowledge and skills in one of five areas of Computing: Data Analytics, Cybersecurity, System and Network Administration, Application Development, or UI/UX Design.

The **Embedded Certificate in Data Science** is a cross-disciplinary program designed for students pursuing a B.S. in Computer Science or Mathematics. This certificate equips students with high-demand skills in data analytics and machine learning, emphasizing best practices and ethical principles. Through hands-on learning and proficiency in standard programming languages, students are well prepared for careers in data science and analytics. This program enhances career prospects in industry and prepares students for advanced studies.

The **Minor in Computer Science** offers undergraduate students majoring in other disciplines an opportunity to gain additional knowledge and skills in computer science. The minor may open opportunities to work in tech-adjacent fields, or entry-level software development positions in interdisciplinary fields, like marketing, computational biology, or digital art, for example.

Mathematics Program

math@westga.edu
https://www.westga.edu/mathematics/

The Mathematics program at the University of West Georgia equips students with a robust foundation in statistics, providing essential scientific methods and tools to extract knowledge and insights from data and analyze real-world problems. Additionally, students gain a firm grounding in analysis and linear algebra, which are crucial for careers in machine learning and artificial intelligence. For those aspiring to teach or pursue higher education, the program offers a strong mathematical foundation to support their academic and professional goals. Differentiate yourself and integrate your success with UWG's Mathematics degree - Think, Solve, Communicate!

Professors:

M.S. Gordon (Interim School Director), X. Gu, C. Leach (Program Coordinator), K. Moon, R. Xu, F. Wei, M. Yazdani

Associate Professors:

W. Faucette, N. Hoang, V. Paliwal, K. Shin

Senior Lecturer:

D. Robinson

Academic Offerings

The **Bachelor of Science in Mathematics** with a concentration in **Applied Statistics and Data Analytics Track** is designed to offer students a solid background in applied statistics and data analytics. It will prepare students for employment in a wide array of fields including data analysis, statistical modeling, data-driven decision-making, and other types of quantitative analysis. It also prepares students for graduate studies in mathematics and math education, including an optional accelerated pathway to earning a Bachelor of Science Degree in Mathematics followed by a Master of Arts in Teaching from the UWG College of Education.

The **Bachelor of Science in Mathematics** with a concentration in **Pure and Applied Mathematics** offers students a background in pure and applied mathematics, with emphasis on analytical skills and problem-solving. It will equip students with the knowledge and skills necessary for a wide variety of careers in many government and private-sector fields. It also prepares students for further study in mathematics or mathematics education, including an optional accelerated pathway to earning a Bachelor of Science Degree in Mathematics followed by a Master of Arts in Teaching from the UWG College of Education.

The **Embedded Certificate in Data Science** is a cross-disciplinary program designed for students pursuing a B.S. in Computer Science or Mathematics. This certificate equips students with high-demand skills in data analytics and machine learning, emphasizing best practices and ethical principles. Through hands-on learning and proficiency in standard programming languages, students are well prepared for careers in data science and analytics. This program enhances career prospects in industry and prepares students for advanced studies.

The **Minor in Mathematics** offers undergraduate students from various disciplines the opportunity to gain essential knowledge and skills in mathematics. This program requires students to successfully complete 15-18 hours of mathematics or statistics courses with at least nine of those hours at the 3000- or 4000-level.

Bachelor of Science

Computer Science, B.S.

Computer Science is the discipline that studies the theoretical foundations of computing - algorithms, discrete mathematics, programming language theory, parallelism, etc. - and applies these principles to solve problems in the real world.

The B.S. in Computer Science program at UWG offers students a focused and progressive curriculum that integrates that knowledge with the software engineering skills critical for success as software developers in today's information technology job market.

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

Learning Outcomes:

Graduates of the program will have an ability to:

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.

2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Apply computer science theory and software development fundamentals to produce computing-based solutions.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M:

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours advised (3 of 4)

Core IMPACTS Area T:

- MATH 1634 - Calculus I 4 Credit Hours (advised)

Take any two from the following (with Lab Component):

- BIOL 1107 - Principles of Biology I 3 Credit Hours
  (+)
- BIOL 1107L - Principles of Biology I Laboratory 1 Credit Hours
- BIOL 1108 - Principles of Biology II 3 Credit Hours
  (+)
- BIOL 1108L - Principles of Biology II Laboratory 1 Credit Hours
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
  (+)
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
  (+)
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
- PHYS 2211 - Principles of Physics I 3 Credit Hours
  (+)
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
- PHYS 2212 - Principles of Physics II 3 Credit Hours
  (+)
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Field of Study - Major Specific Courses: 18 Hours

- CS 1301 - Computer Science I 4 Credit Hours

- CS 1302 - Computer Science II 4 Credit Hours
- CS 2100 - Introduction to Web Development 3 Credit Hours
- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours (from Core IMPACTS Area M)
- MATH 1634 - Calculus I 4 Credit Hours (from Core IMPACTS Area T)
- MATH 2853 - Elementary Linear Algebra 3 Credit Hours
- MATH 1401 - Elementary Statistics 3 Credit Hours (2 of 3)

Supporting courses: 7 Hours

- ENGL 3405 - Professional and Technical Writing 3 Credit Hours
- MATH 1401 - Elementary Statistics 3 Credit Hours (1 of 3)

Select 1 course from the following:

- MATH 3003 - Transition to Advanced Mathematics 3 Credit Hours
- MATH 2644 - Calculus II 4 Credit Hours

Program body: 47 Hours

- CS 3110 - System Architecture 3 Credit Hours
- CS 3151 - Data Structures and Discrete Mathematics I 4 Credit Hours
- CS 3152 - Data Structures and Discrete Mathematics II 4 Credit Hours
- CS 3201 - Program Construction I 3 Credit Hours
- CS 3202 - Program Construction II 3 Credit Hours
- CS 3211 - Software Engineering I 3 Credit Hours
- CS 3212 - Software Engineering II 3 Credit Hours
- CS 3230 - Information Management 3 Credit Hours
- CS 3270 - Intelligent Systems 3 Credit Hours
- CS 3280 - Systems Programming 3 Credit Hours
- CS 4225 - Distributed and Cloud Computing 3 Credit Hours
- CS 4982 - Computer Science Capstone 3 Credit Hours
- CS 4986 - Computer Science Internship 3 Credit Hours

2 additional from the following:

- COMP 3310 - Mobile Development 3 Credit Hours
- COMP 3350 - Game Development I 3 Credit Hours
- COMP 3400 - System and Network Admin I 3 Credit Hours
- COMP 3500 - Cybersecurity 3 Credit Hours
- COMP 3600 - User-Centric Computing I 3 Credit Hours
- COMP 3800 - Data Analytics 3 Credit Hours
- COMP 4200 - Advanced Database Systems 3 Credit Hours
- COMP 4350 - Game Development II 3 Credit Hours
- COMP 4400 - System and Network Admin II 3 Credit Hours
- COMP 4420 - DevOps 3 Credit Hours
- COMP 4500 - Computer Forensics 3 Credit Hours
- COMP 4600 - User-Centric Computing II 3 Credit Hours
- COMP 4985 - Special Topics in Computing 3 Credit Hours

- any 4000-level CS class (cannot count both COMP 3800 and CS 4275 towards major)

Electives: 4-6 Hours

Total: 120 Hours

Specific Requirements for a B.S. Degree in Computer Science

1. Students must sign the Program's "Student Program Notification" form in order to declare a major in Computer Science.
2. Students must obtain an academic advisor in the Computer Science Program 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 IMPACTS Areas M & T
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 Computer Science Program.

Computing, B.S.

The Bachelor of Science in Computing will give students a broad understanding of the ever changing field of Computing. Students will deepen their knowledge and sharpen their skills in one or more in-depth technical areas. Upon graduation, students will find employment in high-demand careers in areas such as cybersecurity, information technology, web or mobile development, data science, and game design and development.

Learning Outcomes

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

These are the Student Outcomes mandated by the ABET General Criteria for accreditation in Computing programs. We have adopted these for our Program Outcomes as we intend to seek ABET accreditation.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M:

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours advised (3 of 4)

Pre-requisite for PHIL 4120

Students are advised to take one of the following to satisfy either their Core IMPACTS Area I OR Core IMPACTS Area A requirements:

Core IMPACTS Area I:

- PHIL 2020 - Critical Thinking 3 Credit Hours

Core IMPACTS Area A:

- PHIL 2010 - Introduction to Philosophy 3 Credit Hours
- PHIL 2030 - Introduction to Ethics 3 Credit Hours

Core IMPACTS Area T:

- MATH 1401 - Elementary Statistics 3 Credit Hours

Field of Study - Major Specific Courses: 18 Hours

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours required (1 of 4)
- CS 1300 - Introduction to Computing 4 Credit Hours
- CS 1301 - Computer Science I 4 Credit Hours
- CS 2100 - Introduction to Web Development 3 Credit Hours
- COMP 2200 - Introduction to Databases 3 Credit Hours
- COMP 2320 - Principles of Programming 3 Credit Hours (must earn C or better)
  OR
- CS 1302 - Computer Science II 4 Credit Hours (must earn C or better)

Supporting Courses: 6 hours

- ENGL 3405 - Professional and Technical Writing 3 Credit Hours
- PHIL 4120 - Professional Ethics 3 Credit Hours (writing-intensive course)
  or
- PHIL 3320 - Technology and Human Values 3 Credit Hours
  (writing-intensive course)

Major Required Breadth Courses: 18 hours

Purpose is to provide a broad foundation in the field of computing for all computing majors.

- COMP 2300 - Fundamentals of Computing 3 Credit Hours
- COMP 2500 - Intro to Computer Security 3 Credit Hours
- COMP 3300 - Application Development I 3 Credit Hours
- COMP 3400 - System and Network Admin I 3 Credit Hours

- COMP 3600 - User-Centric Computing I 3 Credit Hours
- COMP 3800 - Data Analytics 3 Credit Hours

Major Elective Breadth Courses: 12 hours

Choose four courses from this section.

- COMP 2350 - Introduction to Digital Media 3 Credit Hours
- COMP 2360 - Physical Computing 3 Credit Hours
- COMP 3310 - Mobile Development 3 Credit Hours
- COMP 3350 - Game Development I 3 Credit Hours
- COMP 4400 - System and Network Admin II 3 Credit Hours
- CS 3211 - Software Engineering I 3 Credit Hours
- CS 3280 - Systems Programming 3 Credit Hours

Major Depth Courses: 9 hours

Choose three courses from this section.

- COMP 3500 - Cybersecurity 3 Credit Hours
- COMP 4200 - Advanced Database Systems 3 Credit Hours
- COMP 4300 - Application Development II 3 Credit Hours
- COMP 4350 - Game Development II 3 Credit Hours
- COMP 4420 - DevOps 3 Credit Hours
- COMP 4500 - Computer Forensics 3 Credit Hours
- COMP 4600 - User-Centric Computing II 3 Credit Hours
- COMP 4985 - Special Topics in Computing 3 Credit Hours
- CS 4180 - Advanced Web Development 3 Credit Hours

Major Required Courses - High-Impact Practice and Professional Preparation: 6-9 hours

- COMP 4982 - Capstone Project 3 Credit Hours (writing-intensive course, required)
- COMP 4986 - Computing Internship 3-6 Credit Hours (may be taken a second time for a total of 6 hours)

General Electives: 6-9 hours

Specific Requirements for a B.S. Degree in Computing

1. Students must sign the Program's "Student Program Notification" form in order to declare a major in Computing. 2. Students must obtain an academic advisor in the Computing Program during the semester when declaring a major in Computing. 3. Students are allowed only one "D" in the Computing or Computer Science courses used to satisfy the major. 4. Students must complete the science major option of Core IMPACTS Area T. 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.

Mathematics, B.S.

The Bachelor of Science in Mathematics program is designed to provide students with a strong foundation in mathematical theory, problem-solving skills, and mathematical applications. This undergraduate degree program offers a comprehensive curriculum that covers a wide range of mathematical topics, equipping students with the knowledge and skills necessary for careers in many government and private-sector fields, including statistics, data analysis, actuarial science, data science, and risk analysis. It also prepares students for graduate studies in mathematics and math education, including an optional accelerated pathway to earning a Bachelor of Science Degree in Mathematics followed by a Master of Arts in Teaching from the UWG College of Education.

Learning Outcomes:

1. Students will demonstrate ability to perform a sustained investigation into a specific mathematical problem or topic, and effectively communicate their findings orally and in writing.
2. Students will demonstrate a thorough understanding of the calculus, including its computational aspects, applications, and theoretical foundations.
3. Students will demonstrate the ability to read, write, and understand mathematical proofs involving foundational aspects of mathematics.
4. Students will demonstrate the ability to utilize statistical methods to analyze real-world problems and draw inferences about a studied population using collected sample data.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

(advised to take MATH 1113 in Core IMPACTS Area M and MATH 1634 Core IMPACTS Area T)

Field of Study: 18 Hours

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours
- MATH 1634 - Calculus I 4 Credit Hours
- MATH 2009 - Sophomore Seminar 1 Credit Hours
- MATH 2644 - Calculus II 4 Credit Hours
- MATH 2654 - Calculus III 4 Credit Hours
- MATH 2853 - Elementary Linear Algebra 3 Credit Hours
- CS 1300 - Introduction to Computing 4 Credit Hours

High-Impact Practice & Professional Preparation: 3 hours

Senior Project and/or Internship. If a student takes both courses, the Math Internship will count as a Math Elective or as an Additional Stats Course.

- MATH 4983 - Senior Project 3 Credit Hours
- MATH 4986 - Internship 3 Credit Hours

Pure and Applied Mathematics Track

The Pure and Applied Mathematics track offers students a background in pure and applied mathematics, with emphasis on analytical skills and problem-solving. It will prepare students for further study in mathematics or mathematics education or for a career in industry or government.

Track Requirements: 36 Hours

- MATH 3003 - Transition to Advanced Mathematics 3 Credit Hours
- MATH 3203 - Mathematical Probability 3 Credit Hours
- MATH 3243 - Advanced Calculus 3 Credit Hours
- MATH 3303 - Ordinary Differential Equations 3 Credit Hours
- MATH 4043 - Number Theory 3 Credit Hours
- MATH 4233 - College Geometry 3 Credit Hours

Numerical Analysis or Real Analysis

Choose one of MATH 4013 or MATH 4253

- MATH 4013 - Numerical Analysis 3 Credit Hours
- MATH 4253 - Real Analysis 3 Credit Hours

Abstract Algebra or Linear Algebra

Choose one of MATH 4413 or MATH 4513

- MATH 4413 - Abstract Algebra I 3 Credit Hours
- MATH 4513 - Linear Algebra I 3 Credit Hours

Combinatorics or Graph Theory

Choose one of MATH 4473 or MATH 4483

- MATH 4473 - Combinatorics 3 Credit Hours
- MATH 4483 - Graph Theory 3 Credit Hours

Pathway: 9 hours

Choose 9 additional hours of credit from one of the following pathways:

Pure: 9 hours of additional math courses
Applied: 9 hours of courses in a related area, or
Accelerated BS to MAT: one graduate-level math course and two graduate-level education courses which will count toward both the BS degree and a Master of Arts in Teaching degree.

Pure: 9 hours

9 hours of 3XXX or 4XXX MATH, excluding MATH 3703, 3803, 4713, 4753, 4773, 4863

- MATH 3873 - Statistical Programming 3 Credit Hours
- MATH 4013 - Numerical Analysis 3 Credit Hours

- MATH 4043 - Number Theory 3 Credit Hours
- MATH 4213 - Mathematical Statistics 3 Credit Hours
- MATH 4233 - College Geometry 3 Credit Hours
- MATH 4253 - Real Analysis 3 Credit Hours
- MATH 4353 - Complex Analysis 3 Credit Hours
- MATH 4363 - Partial Differential Equations 3 Credit Hours
- MATH 4413 - Abstract Algebra I 3 Credit Hours
- MATH 4423 - Abstract Algebra II 3 Credit Hours
- MATH 4473 - Combinatorics 3 Credit Hours
- MATH 4483 - Graph Theory 3 Credit Hours
- MATH 4513 - Linear Algebra I 3 Credit Hours
- MATH 4523 - Linear Algebra II 3 Credit Hours
- MATH 4613 - Introduction to Topology 3 Credit Hours
- MATH 4803 - Analysis of Variance 3 Credit Hours
- MATH 4813 - Regression Analysis 3 Credit Hours
- MATH 4823 - Applied Experimental Design 3 Credit Hours
- MATH 4833 - Applied Nonparametric Statistics 3 Credit Hours
- MATH 4843 - Introduction to Sampling 3 Credit Hours
- MATH 4873 - Advanced Data Analytics 3 Credit Hours
- MATH 4885 - Special Topics in Applied Statistics 3 Credit Hours
- MATH 4986 - Internship 3 Credit Hours

Applied: 9 hours

9 hours of directed electives consisting of 2XXX or higher courses selected from one of the lists below.

Note: For students taking directed electives, at least 9 credit hours from the combined general electives and directed electives must be at the 3000 level or above.

ACCT, ECON, FINC, MGMT, MKTG
SPMG
BIOL, CHEM, PHYS, GEOL
CS, COMP
PHIL, PSYC, SOCI

Accelerated BS to MAT: 9 hours

Three graduate level courses that will count toward both the BS and MAT degrees.

- CEPD 6101 Psychology of Classroom Learning
- MEDT 6401 Instructional Technology

Graduate Math Course

Choose one course from:

- MATH 5013 Numerical Analysis
- MATH 5253 Real Analysis
- MATH 5413 Abstract Algebra I
- MATH 5473 Combinatorics
- MATH 5483 Graph Theory

- MATH 5513 Linear Algebra I
- MATH 5823 Applied Experimental Design
- MATH 5833 Applied Nonparametric Statistics

Accelerated BS to MAT

General Electives: 21 Hours

Note: For students taking directed electives, at least 9 credit hours from the combined general electives and directed electives must be at the 3000 level or above.

Applied Statistics and Data Analytics Track

This track is designed to offer students a solid background in applied statistics and data analytics. It will prepare students for employment in a wide array of fields that employ data analysis, statistical modeling, data-driven decision-making, and other types of quantitative analysis. It will also prepare students for further study in mathematics or mathematics education.

Track Requirements: 36 Hours

- MATH 1401 - Elementary Statistics 3 Credit Hours
- MATH 3203 - Mathematical Probability 3 Credit Hours
- MATH 3873 - Statistical Programming 3 Credit Hours
- MATH 4213 - Mathematical Statistics 3 Credit Hours
- MATH 4803 - Analysis of Variance 3 Credit Hours
- MATH 4813 - Regression Analysis 3 Credit Hours
- MATH 4843 - Introduction to Sampling 3 Credit Hours
- MATH 4873 - Advanced Data Analytics 3 Credit Hours

Additional Stats Course

Choose one of MATH 4823, 4883, 4885, OR 4986

- MATH 4823 - Applied Experimental Design 3 Credit Hours
- MATH 4833 - Applied Nonparametric Statistics 3 Credit Hours
- MATH 4885 - Special Topics in Applied Statistics 3 Credit Hours
- MATH 4986 - Internship 3 Credit Hours

Pathway: 9 hours

Choose 9 additional hours of credit from one of the following pathways:

Applied Statistics: 9 hours of courses in a related area, or
Accelerated BS to MAT: one graduate-level math course and two graduate-level education courses which will count toward both the BS degree and a Master of Arts in Teaching degree.

Directed Electives: 9 Hours*

Three courses numbered at or above the 2000-level from one of the lists below.

At least 12 credit hours from the combined general electives and directed electives must be at the 3000 level or above.

ACCT, ECON, FINC, MGMT, MKTG
SPMG
BIOL, CHEM, PHYS, GEOL
CS, COMP
PHIL, PSYC, SOCI

Accelerated BS to MAT

Three graduate level courses that will count toward both the BS and MAT degrees.

- CEPD 6101 Psychology of Classroom Learning
- MEDT 6401 Instructional Technology

Graduate Math Course

Choose one course from:

- MATH 5013 Numerical Analysis
- MATH 5253 Real Analysis
- MATH 5413 Abstract Algebra I
- MATH 5473 Combinatorics
- MATH 5483 Graph Theory
- MATH 5513 Linear Algebra I
- MATH 5823 Applied Experimental Design
- MATH 5833 Applied Nonparametric Statistics

General electives: 21 Hours*

At least 12 credit hours from the combined general electives and directed electives must be at the 3000 level or above.

Total: 120 Hours

Embedded Certificates

Embedded Certificate in Data Science

The Data Science certificate is a cross-disciplinary program designed through a partnership between the Programs of Computer Science and Mathematics for students who consider the data scientist profession. The certificate offers the theoretical and practical background in key areas of computing and statistics allowing students to develop high-demand skills and enhance their prospects for both industry careers and graduate studies. With an emphasis on best practices, students will learn the fundamentals of data analytics and machine learning while gaining proficiency in standard programming languages used in the field. Applying socially and ethically responsible principles, students will navigate the data science pipeline from data acquisition to model deployment and will learn to transform findings into compelling and actionable knowledge.

This is an embedded undergraduate certificate.

Eligibility
1. The Data Science certificate is open to all Computer Science and Mathematics majors pursuing a B.S. in Computer Science or Mathematics at the University of West Georgia.
2. Students can apply to the Data Science certificate program in their home program.

Learning outcomes
Students will be able to:
● Recognize problems that can be solved with data science techniques and apply strategies to collect and transform complex big data into structured datasets suitable for statistical inference.
● Demonstrate an understanding of the linear regression model, its limitations, and extensions, as well as diagnose and correct real data problems with the generalized linear model.
● Use machine learning and data mining algorithms to build models and objectively evaluate their performance to make data-driven predictions, communicate results to technical as well as non-technical audiences, and make informed recommendations.

Required Courses

- CS 3270 - Intelligent Systems 3 Credit Hours
- CS 4275 - Machine Learning Foundations 3 Credit Hours
- MATH 4203 - Mathematical Probability 3 Credit Hours
- MATH 4813 - Regression Analysis 3 Credit Hours

Minor

Computer Science Minor

The minor in Computer Science offers undergraduate students majoring in other disciplines an opportunity to gain additional knowledge and skills in computer science. The minor may open opportunities to work in tech-adjacent fields or entry-level software development positions in interdisciplinary fields, like marketing, computational biology, or digital art, for example.

Students minoring in Computer Science must complete all applicable prerequisites for courses included in the minor.

Requirements

- CS 2100 - Introduction to Web Development 3 Credit Hours

Take any two courses from the following: 6-8 Hours

- CS 3151 - Data Structures and Discrete Mathematics I 4 Credit Hours
- CS 3152 - Data Structures and Discrete Mathematics II 4 Credit Hours
- CS 3201 - Program Construction I 3 Credit Hours
- CS 3202 - Program Construction II 3 Credit Hours
- CS 3211 - Software Engineering I 3 Credit Hours
- CS 3212 - Software Engineering II 3 Credit Hours

Take any additional two courses from the following: 6 Hours

- CS 3110 - System Architecture 3 Credit Hours
- CS 3230 - Information Management 3 Credit Hours
- CS 3280 - Systems Programming 3 Credit Hours

Total: 15-18

Mathematics Minor

Requirements

Lower level requirements

Choose two courses from:

- MATH 1634 - Calculus I 4 Credit Hours
- MATH 2644 - Calculus II 4 Credit Hours
- MATH 2853 - Elementary Linear Algebra 3 Credit Hours

Mathematics Option:

Three courses selected from mathematics courses numbered 3000 or above

Excluding:

- MATH 3703 - Geometry for P-8 Teachers 3 Credit Hours
- MATH 3803 - Algebra for P-8 Teachers I 3 Credit Hours
- MATH 4713 - Probability and Statistics for P-8 Teachers 3 Credit Hours
- MATH 4753 - Trigonometry and Calculus for the P-8 Teacher 3 Credit Hours
- MATH 4773 - Number Theory for P-8 Teachers 3 Credit Hours
- MATH 4863 - Algebra for P-8 Teachers II 3 Credit Hours

Statistics Option:

- MATH 3203 - Mathematical Probability 3 Credit Hours

And two additional courses selected from the following:

- MATH 3873 - Statistical Programming 3 Credit Hours
- MATH 4803 - Analysis of Variance 3 Credit Hours
- MATH 4813 - Regression Analysis 3 Credit Hours
- MATH 4823 - Applied Experimental Design 3 Credit Hours
- MATH 4833 - Applied Nonparametric Statistics 3 Credit Hours
- MATH 4843 - Introduction to Sampling 3 Credit Hours
- MATH 4885 - Special Topics in Applied Statistics 3 Credit Hours
- MATH 4873 - Advanced Data Analytics 3 Credit Hours

Nexus

Computing, Nexus

The Nexus in Computing will serve students, including adult-learners, who wish to re-tool their career by gaining applied knowledge and skills in one of five areas of Computing: Data Analytics, Cybersecurity, System and Network Administration, Application Development, or UI/UX Design.

Learning Outcomes

1. Demonstrate knowledge of the selected computing concentration to identify solutions to a computing problem under guidance.
2. Demonstrate professional skills in implementing solutions to a computing problem in the selected computing concentration under guidance.
3. Demonstrate the ability to function effectively as a member of a team engaged in activities appropriate to the selected computing concentration.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M:

- MATH 1111 - College Algebra 3 Credit Hours
  OR
- MATH 1401 - Elementary Statistics 3 Credit Hours

Core IMPACTS Area A:

- PHIL 2030 - Introduction to Ethics 3 Credit Hours

Core IMPACTS Area T:

- CS 1030 - Introduction to Computer Concepts 3 Credit Hours

Skills and Knowledge: 12 hours

Choose one area of specialization

Data Analytics

- CS 1300 - Introduction to Computing 4 Credit Hours
- COMP 2200 - Introduction to Databases 3 Credit Hours
- COMP 3800 - Data Analytics 3 Credit Hours
- COMP 4200 - Advanced Database Systems 3 Credit Hours

Data Analytics Core IMPACTS Area M requirement

- MATH 1401 - Elementary Statistics 3 Credit Hours

Cybersecurity

- COMP 2300 - Fundamentals of Computing 3 Credit Hours
- COMP 2500 - Intro to Computer Security 3 Credit Hours
- COMP 3400 - System and Network Admin I 3 Credit Hours
- COMP 3500 - Cybersecurity 3 Credit Hours

System and Network Administration

- COMP 2300 - Fundamentals of Computing 3 Credit Hours
- COMP 2500 - Intro to Computer Security 3 Credit Hours
- COMP 3400 - System and Network Admin I 3 Credit Hours
- COMP 4400 - System and Network Admin II 3 Credit Hours

Application Development

- CS 1301 - Computer Science I 4 Credit Hours
- COMP 2320 - Principles of Programming 3 Credit Hours
- COMP 3300 - Application Development I 3 Credit Hours
- COMP 4300 - Application Development II 3 Credit Hours

UI/UX Design

- CS 1301 - Computer Science I 4 Credit Hours
- COMP 2320 - Principles of Programming 3 Credit Hours
- COMP 3600 - User-Centric Computing I 3 Credit Hours
- COMP 4600 - User-Centric Computing II 3 Credit Hours

Experiential Learning: 6 hours

- COMP 4986 - Computing Internship 3-6 Credit Hours (6 hours)

School of Field Investigations an Experimental Sciences

Neal Chesnut, Interim Director

The School of Field Investigations and Experimental Sciences offers dynamic programs that prepare students for impactful careers in STEM fields. With a focus on hands-on learning and real-world problem-solving, students have opportunities to engage in innovative research, fieldwork, and internships. The school offers Bachelor of Science degrees in biology, chemistry, earth and environmental sciences, physics; and interdisciplinary studies in forensic science and materials science. Students benefit from modern labs, personalized instruction, and interdisciplinary connections with industry partners, ensuring they are well-equipped to make meaningful contributions to society. Dive into Discovery, Make an Impact!

Biology Program

biology@westga.edu
http://www.westga.edu/biology/

The Biology program at the University of West Georgia offers a comprehensive education in life sciences, housed in a state-of-the-art facility, with hands-on experience through research and internships. The program includes three specialized concentrations and several embedded certificates. Graduates are well-prepared for careers in healthcare, environmental science, research, government agencies, and education. Innovation in Science!

Professors:

A. Edelman, F. Fontanella, J. Genz, J. Hendricks, M. Johnson (Program Coordinator), W. Kenyon, M. Mitra, S. Molesworth-Kenyon, D. Morgan, G. Payne, S. Swamy-Mruthinti, C. Tabit, H. Zot

Associate Professor:

H. Banford

Senior Lecturers:

E. Duckett, M. Hullender

Instructor:

M. Potter

Academic Offerings

The **Bachelor of Sciences in Biology with a Biomedical Sciences Concentration** is designed to prepare students for post-graduate studies and careers in health-related fields. Graduates may work as a doctor, physician assistant, dentist, biomedical researcher, medical laboratory technician, or public health analyst.

The **Bachelor of Sciences in Biology with an Environmental Biology Concentration** is designed to prepare students for post-graduate studies and careers in natural resource conservation, management, and research. Graduates may work as wildlife biologists, marine biologists, ecologists, conservation scientists, or forestry technicians.

The **Bachelor of Sciences in Biology with an Integrative Biology Concentration** is designed to allow students flexibility in customizing a course of study to prepare for post-graduate studies or careers in government agencies and private sectors, particularly in areas encompassing different fields of biology and/or other STEM-related disciplines. Graduates may work in research, biotechnology, medicine, or environmental science.

The **Embedded Certificate in Microbiology** is designed to provide a strong foundation in microbiology, covering essential topics like bacteriology, immunology, virology, microbial genetics, and environmental microbiology. Through hands-on laboratory experiences and internship opportunities, students gain practical skills that are highly valued in clinical laboratory sciences and microbiology careers. This certificate is embedded within the Biology BS degree, allowing completion without additional coursework beyond the 120 hours required for the degree.

The **Embedded Certificate in Wildlife Ecology** is a comprehensive program that explores the intricate relationships between wildlife, their habitats, and human interactions. Engage in hands-on learning experiences, including prescribed fire training, wildlife handling, and habitat management across our expansive 645-acre campus. Join a vibrant community of like-minded individuals and prepare for rewarding careers as a Wildlife Biologist, Ecologist, Environmental Consultant, Zoologist, or Park Naturalist. Seamlessly combine this certificate with a Major in Biology or pursue a B.I.S. in Natural Resources Management to enhance career prospects.

The **Certificate in Stream Restoration** program equips students with essential skills needed to excel in the interdisciplinary field of stream restoration, combining key courses in biology, geology, and geography. Students majoring in biology, earth and environmental sciences, or another related field can gain hands-on experience and practical knowledge through a comprehensive curriculum, designed in collaboration with industry professionals.

The **Undergraduate Certificate in Forensic Sciences**, an interdisciplinary program, combines natural and social scientific methods to prepare students for a dynamic career in fields like Anthropology, Biology, Chemistry, and Criminology, with a special focus on forensic applications. Through engaging lectures, hands-on lab work, and field experiences, students gain the skills needed for high-quality employment opportunities in both the private sector and federal, state, and local agencies.

The **Accelerated Bachelor's to Master's Degree Pathway** in Biology (Non-thesis & Thesis Tracks) allows outstanding Biology majors to earn graduate credits while completing their bachelor's degree. Exceptional students can count up to 6 credit hours towards both the undergraduate and graduate degrees leading to faster career advancement and specialization.

The **Post-Baccalaureate Certificate in Biomedical Sciences** offers enhanced preparation beyond the undergraduate level for aspiring professionals in fields such as medicine, dentistry, pharmacy, veterinary science, physical therapy, laboratories, and biomedical technology. The certificate is designed to supplement, rather than replace, the necessary prerequisites for professional programs, ensuring that students are well-equipped with advanced knowledge and skills critical for success in their chosen careers.

The **Minor in Biology** offers undergraduate students from various disciplines the opportunity to gain essential knowledge and skills in biology. This program requires students to successfully complete 15-18 hours of biology courses with at least nine of those hours at the 3000- or 4000-

Chemistry Program

chemistry@westga.edu
https://www.westga.edu/chemistry/

The chemistry program at the University of West Georgia provides students with hands-on experiences in chemical synthesis, analysis, and experimental design using state-of-the-art equipment and facilities. Students have opportunities to pursue research projects, internships with industry partners, and work in regional healthcare clinics. The faculty and staff are committed to empowering future leaders in science and healthcare through focused mentorship and independent discovery. Find your Element!

Professors:

S. Basu-Dutt (Associate Dean, CMCS), M. Fujita, A. Gaquere (Assistant Vice President of Education Abroad), J. Hansen, F. Khan, P. Ray

Associate Professors:

L. Leslie, M. McPhail (Program Coordinator)

Lecturer:

H. Wallace

Academic Offerings

The **Bachelor of Science in Chemistry - ACS Certified** is certified by the American Chemical Society, ensuring students a top-tier education that meets industry standards and prepares them for graduate studies and careers in forensics, drug discovery, government labs, research and development, and higher education. Students engage in an integrated and rigorous exploration of chemistry through hands-on experiences, independent discovery, and one-on-one faculty mentorship. They gain expertise in healthcare and pharmaceuticals, drug discovery and biotechnology, environmental science and sustainability, forensics, alternative energy technologies, and consumer product development.

The **Bachelor of Science in Chemistry - Professional Preparation** is a flexible program offering a broad foundation in chemistry, complemented by electives that prepare students for careers in medicine, pharmacy, veterinary, or dental practice. In addition to their classroom work, students engage in experiential learning with modern instrumentation, develop their own research projects under faculty mentorship, and gain real-world experience through paid internships and on-campus jobs.

The **Bachelor of Science in Chemistry - General** is a versatile degree that provides a solid foundation in chemistry, preparing students for a wide range of career opportunities. Students gain hands-on experience in laboratories, learn to carry out experimental protocols, analyze and interpret data ready to embark on successful careers in chemical laboratories, product quality and safety testing, and environmental analysis. This track is also a pathway to the Master of Arts in Teaching degree appropriate for students interested in teaching middle and high school science.

The **Bachelor of Science in Chemistry - Business Option** is a unique program combining fundamental courses in chemistry with business-related electives, preparing students for diverse career opportunities in technical sales, marketing, and entrepreneurship.

The **Minor in Chemistry** offers undergraduate students from various disciplines the opportunity to gain essential knowledge and skills in chemistry. This program requires students to successfully complete 17 hours of chemistry courses with at least nine of those hours at the 3000- or 4000-level.

The **Bachelor of Interdisciplinary Studies - Materials Science Pathway** is an interdisciplinary program bridging the gap between physics and chemistry, preparing students for a career in innovative fields such as aerospace, biotechnology, semiconductors, nanotechnology, and renewable energy. Students gain practical experience through hands-on research projects with faculty, from fabricating nanoparticles to discovering new two-dimensional materials for clean energy applications, or through internships with local industrial partners.

Earth and Environmental Sciences Program

Ees@westga.edu
https://www.westga.edu/ees/

The Earth and Environmental Sciences (EES) program at the University of West Georgia offers multiple concentrations for students interested in the Earth's physical composition, surface and atmospheric systems, and their interactions with human activities. Using an integrated systems approach, the program emphasizes spatial and temporal relationships within natural and human systems. Students majoring with a BS in EES can pursue one of three concentrations: 1) Environmental Sustainability, 2) Geographic Information Systems, and 3) Professional Geology.

Professors:

D. Bush, B. Deline, G. DeWeese, H. Gerhardt, R. Kath, S. Rose (Program Coordinator), K. Tefend, A. Walter (Associate Dean, UC)

Associate Professors:

M. Buzon, R. Currier, C. Mason

Assistant Professor:

A. Ivester

Academic Offerings

The **B.S. Degree in Earth and Environmental Sciences with a Concentration in Environmental Sustainability** focuses on the interactions between society and natural systems emphasizing urban, political, economic, cultural, and social processes. The curriculum covers biological and geomorphological systems and atmospheric processes. Graduates are prepared for careers in the private sector, government, teaching, or graduate school.

The **B.S. Degree in Earth and Environmental Sciences with a Concentration in Geographic Information Systems** concerns geospatial technologies and spatial analysis. Graduates of the program 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.

The **B.S. Degree in Earth and Environmental Sciences with a Concentration in Professional Geology** program focuses on the Earth's origin, history, and life forms as well as exploration of natural resources, mitigation of natural hazards, and guiding environmental stewardship. Graduates are prepared for careers in the private sector, government, teaching, or further studies. Emphasizing hands-on learning, the program includes fieldwork and is designed for professional geology careers.

The **Embedded Certificate in Atmospheric Science** allows students to gain a rigorous foundation in atmospheric science, studying climate and weather variability, and biosphere-atmosphere interactions. By understanding past and present atmospheric processes and their impacts on ecosystems and society, this certificate prepares students to analyze and interpret changes in the modern atmosphere. This enhances students' capabilities to contribute to careers related to responding to weather and climates challenges.

The **Certificate in Stream Restoration** program equips students with essential skills needed to excel in the interdisciplinary field of stream restoration, combining key courses in biology, geology, and geography. Students majoring in biology, earth and environmental sciences, or another related field can gain hands-on experience and practical knowledge through a comprehensive curriculum, designed in collaboration with industry professionals.

The **Post-Baccalaureate Certificate in Geographic Information Systems (GIS)** offers non-traditional students and field professionals updated technical knowledge and skills for further enhancement of their GIS career. It also aims at providing traditional students with a set of practical skills to access the GIS market.

Physics Program

physics@westga.edu
https://www.westga.edu/physics/

The Physics Program at the University of West Georgia offers an array of career starting opportunities. We offer a B.S. in physics with a variety of unique classes. We offer physics degrees with concentrations in Astronomy, Business, and Battery Technology and Sustainable Energy; and pathways in Education. We offer a Physics Engineering dual degree in collaboration with other institutions. We also offer a B.I.S. in Materials Science in conjunction with the Chemistry Program. Students engage in hands-on learning and groundbreaking research with dedicated faculty, who are committed to their success. Whether the aim is to make the next great discovery in physics, excel in engineering, embark on a career as an astronomer, or explore new technologies in materials science, UWG Physics provides the perfect environment for a student's academic and professional growth.

Professors:

A. DeSilva, N. Sterling (Program Coordinator)

Associate Professors:

N. Chestnut (Interim School Director), J. Talbot

Assistant Professor:

G. Pokharel

Academic Offerings

The **Bachelor of Science in Physics** provides a comprehensive foundation in physics, covering everything from subatomic particles to galaxies. This track is designed for students who desire to pursue graduate study in physics or career options for which physics is an excellent gateway such as engineering, data analytics, quality control specialist, and research scientist. A physics degree provides students with problem solving and mathematical skills to succeed in a wide range of careers in industry, academia, and national laboratories.

The **Bachelor of Science with a Dual Degree in Physics and Engineering** is a unique "3+2" program allowing students to earn both a B.S. in Physics from UWG and an engineering degree from Kennesaw State University in approximately five academic years. This is a comprehensive curriculum that combines rigorous physics coursework with practical engineering applications along with benefits of small class sizes, personalized attention, and hands-on learning experiences that prepare for a successful career in both fields. This option provides a student with a focused education in an engineering discipline and the fundamental in-depth problem-solving skills of physics, producing a next-level engineer.

The **Bachelor of Science in Physics with a Pathway to Master of Arts in Teaching (MAT)** is a program designed to provide a strong foundation in physics while preparing for a Master of Arts in Teaching (MAT) degree. This track is designed for students who desire to pursue a middle and high school science teaching career. The accelerated bachelors to master's degree prepares the student with a competitive skill set in the world of education.

The **Bachelor of Science in Physics with a Concentration in Astronomy** is designed for students who plan to pursue graduate studies and/or careers in astronomy and astrophysics, as well as for students who desire an increased emphasis on image processing techniques and radiative processes and energy transport. Astronomy courses built into the physics degree, along with hands-on research opportunities, produces a highly competitive student for graduate programs, observatories, planetariums, and the space industry.

The **Bachelor of Science in Physics with a Concentration in Battery Technology and Sustainable Energy** is a program designed for students who plan to pursue careers in energy production, distribution, and storage. This includes employment opportunities from innovative startups, industries, all the way to national laboratories.

The **Bachelor of Science in Physics with a Concentration in Business** is a unique program combining fundamental courses in physics with business-related electives, preparing for diverse career opportunities including entrepreneurship. This pathway provides a student with the business and technology skills needed in today's tech companies.

The **Bachelor of Science in Physics with an emphasis in computational physics, electro-optics, and sold state** is an ideal preparation for students desiring to work in modern high-tech industry.

The **Minor in Physics** offers undergraduate students from various disciplines the opportunity to gain essential knowledge and skills in physics. This program requires students to successfully complete 17 hours of physics courses with at least nine of those hours at the 3000- or 4000-level. A minor in physics indicates to a prospective employer a unique set of problem-solving skills, which is highly desirable.

The **Materials Science Pathway** is an interdisciplinary program bridging the gap between physics and chemistry, preparing students for a career in innovative fields such as aerospace, biotechnology, semiconductors, and solar energy. Students engage in hands-on research projects, from fabricating nanoparticles to discovering new two-dimensional materials for clean energy applications. This pathway provides students with the materials-based knowledge and skills that industries are seeking.

Regents Engineering Pathways Program (REPP)

Sharmistha Basu-Dutt, REPP Coordinator

The Regents' Engineering Pathway Program (REPP) is a University System of Georgia program that allows students to begin their studies at one institution and then transfer to one of five engineering institutions to complete their Engineering degree. The University of West Georgia partners with the Georgia Institute of Technology, the University of Georgia, Georgia Southern, Mercer University, and Kennesaw State University. For more information, please contact the REPP Coordinator and visit the USG webpage here:
https://www.usg.edu/academic_affairs_handbook/section2/C774

Bachelor of Science

Biology, B.S.

Biology, B.S.
Students majoring in Biology will select 1 of the following 3 concentrations:

1. Biomedical Sciences Concentration
The B.S. in Biology with a Biomedical Sciences Concentration is designed to prepare students for post-graduate studies and careers in health-related fields.

2. Environmental Biology Concentration
The B.S. in Biology with an Environmental Biology Concentration is designed to prepare students for post-graduate studies and careers in natural resource conservation, management, and research.

3. Integrative Biology Concentration
The B.S. in Biology with an Integrative Biology Concentration is designed to allow students flexibility in customizing a course of study to prepare for post-graduate studies or careers in government agencies and private sectors.

Accelerated Bachelor's to Master's Degree pathway in Biology (Non-thesis &Thesis Tracks)

The Accelerated Bachelor's to Master's Degree Pathway in Biology (Non-thesis & Thesis Tracks) at the University of West Georgia allows outstanding students who major in Biology in all concentrations to begin earning credit toward a graduate degree while completing their Bachelor's degree. The ABM in Biology allows exceptional students to count up to six (6) hours in the M.S. Biology (Non-thesis & Thesis Tracks) toward both degrees.

The Accelerated Bachelor's to Master's Degree Pathway offers the opportunity to simultaneously satisfy partial degree requirements for a bachelor's and a master's degree in an accelerated program of study. Upon completion of the undergraduate B.S. in Biology, with a satisfactory undergraduate grade point average and a grade of "B" or better in all graduate courses completed, the student may move to full graduate status in the Master's program in M.S. in Biology (Non-Thesis & Thesis Tracks) and the graduate-level courses taken as an undergraduate will be applied toward the graduate degree.

Students applying for the ABM Pathway in Biology must:

Have completed at least 90 hours toward a B.S. in Biology.

Have completed at least 30 hours of the 90 hours of coursework at the University of West Georgia.

Have a UWG GPA of 3.2 or higher and must maintain that GPA while they are undergraduates.

Have taken BIOL 2108+BIOL 2108L.

Meet all admission requirements for the M.S. in Biology (Non-Thesis & Thesis Tracks) with the exception of the complete B.S. in Biology.

Students applying for the accelerated program will not be required to take standardized admissions tests.

The list below shows the graduate courses for which students can receive credit towards both the graduate and undergraduate degrees, along with the undergraduate courses which they would replace. Students in the pathway may receive credit for two such courses in the M.S. Biology (Non-Thesis & Thesis Tracks) which requires 30 hours of coursework. Undergraduate students admitted to the ABM pathway should take at least one (1) 4000-levle course before taking any of the 5000/6000-level courses listed below.

Graduate Course followed by Undergraduate Course which is being replaced:

1) BIOL 5130 Climate Change Biology for BIOL 4130 Climate Change Biology

2) BIOL 5241 Entomology for BIOL 4241 Entomology

3) BIOL 5242 Invertebrate Zoology for BIOL 4242 Invertebrate Zoology

4) BIOL 5245 Icthyology for BIOL 4245 Icthyology

5) BIOL 5266 Molecular Ecology for BIOL 4266 Molecular Ecology

6) BIOL 5315 Bacterial Genetics for BIOL 4315 Bacterial Genetics

7) BIOL 5325 Advanced Medical Microbiology for BIOL 4325 Advanced Medical Microbiology

8) BIOL 5424 Wildlife Habitat Ecology for BIOL BIOL 4424 Wildlife Habitat Ecology

9) BIOL 5425 Fire Ecology for BIOL 4425 Fire Ecology

10) BIOL 5427 Conservation Biology for BIOL 4427 Conservation Biology

11) BIOL 5430 Wildlife Techniques for BIOL 4430 Wildlife Techniques

12) BIOL 5440 Aquatic Ecology for BIOL 4440 Aquatic Ecology

13) BIOL 5445 Marine Biology for BIOL 4445 Marine Biology

14) BIOL 5450 Terrestrial Ecology for BIOL 4450 Terrestrial Ecology

15) BIOL 5539 Comparative Physiology for BIOL 4539 Comparative Physiology

16) BIOL 5727 Essentials of Immunology for BIOL 4727 Essentials of Immunology

17) BIOL 5728 Bacterial Pathogenesis for BIOL 4728 Bacterial Pathogenesis

18) BIOL 5730 Emerging Pathogens for BIOL 4730 Emerging Pathogens

19) BIOL 5732 Biology of Aging for BIOL 4732 Biology of Aging

20) BIOL 5733 Animal Nutrition for BIOL 4733 Animal Nutrition

21) BIOL 6503 Biological Perspectives: Biochemistry for BIOL 4503 Biological Perspectives: Biochemistry

22) BIOL 6513 Human Physiology for BIOL 3513 Human Physiology

23) BIOL 6526 Vertebrate Histology for BIOL 3526 Vertebrate Histology

24) BIOL 6981 Graduate Independent Study for BIOL 4981 Independent Study

25) BIOL 6982 Directed Readings for BIOL 4982 Directed Readings

26) BIOL 6983 Graduate Research for BIOL 4983 Senior Biology Research

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Specific core curriculum requirements for the B.S. in Biology are:

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours advised to take under Core IMPACTS Area M
- Two lab sciences required under Core IMPACTS Area T, which may not overlap in course number or content with courses taken elsewhere in the degree program.

Advising Note:

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.

Field of Study: 18 Hours

- BIOL 1107 - Principles of Biology I 3 Credit Hours
- BIOL 1107L - Principles of Biology I Laboratory 1 Credit Hours
- BIOL 1108 - Principles of Biology II 3 Credit Hours
- BIOL 1108L - Principles of Biology II Laboratory 1 Credit Hours
- 1000/2000 Level Academic Electives 10

Requirements for Major: (21 hours BIOL 3000/4000): 39 Hours

- BIOL 3134 - Cell and Molecular Biology 4 Credit Hours
- BIOL 3168 - Evolution and Ecology 4 Credit Hours
- BIOL 4984 - Senior Biology Seminar 1 Credit Hours
  All Biology majors are required to take BIOL 4984 - Senior Biology Seminar in the last semester of the degree completion.
- Biology Electives (3000/4000) 0-21
  Elective courses are based on selection of one of the three degree concentrations: Biomedical Sciences, Environmental Biology, or Integrative Biology.

Supporting Courses for the Major: 6 Hours

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours or Calculus (if not in Field of Study)
- CHEM 2411 - Organic Chemistry I 3 Credit Hours
- CHEM 2411L - Organic Chemistry I Laboratory 1 Credit Hours (if not in Field of Study)
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours (if not in Field of Study)
- BIOL 1110 - Biological Diversity 3 Credit Hours (if not in Field of Study)

Electives: 0-15 Hours

Total: 120 Hours

[1] See Subtopic Biology Courses below.

Biomedical Sciences Concentration

Select BIOL 3000/4000 electives from courses in Group 1: Lab Based Courses and Group 2: Non-Lab Based Courses. At least one class must be selected from Group 1: Lab Based Courses.

Recommended courses for this concentration include: BIOL 2251, BIOL 2251L, BIOL 2252, BIOL 2252L, BIOL 3310, BIOL 3621, & BIOL 4503.

Group 1: Lab Based Courses (At least one course must be chosen from this group.)

- BIOL 3231 - Comparative Vertebrate Anatomy 4 Credit Hours
- BIOL 3513 - Human Physiology 4 Credit Hours
- BIOL 3526 - Vertebrate Histology 4 Credit Hours
- BIOL 3621 - Genetics and Medical Genetics 4 Credit Hours
- BIOL 4134 - Advanced Molecular Biology & Bioinformatics 4 Credit Hours
- BIOL 4315 - Bacterial Genetics 4 Credit Hours
- BIOL 4520 - Developmental Biology and Embryology 4 Credit Hours
- BIOL 4727 - Essentials of Immunology 4 Credit Hours
- BIOL 4728 - Bacterial Pathogenesis 4 Credit Hours
- BIOL 4729 - Medical Virology 4 Credit Hours

- BIOL 4735 - Parasitology 4 Credit Hours
  Group 2: Non-Lab Based Courses
- BIOL 3310 - Microbiology 4 Credit Hours
- BIOL 4325 - Advanced Medical Microbiology 3 Credit Hours
- BIOL 4503 - Biological Perspectives: Biochemistry 3 Credit Hours
- BIOL 4539 - Comparative Physiology 3 Credit Hours
- BIOL 4730 - Emerging Pathogens 4 Credit Hours
- BIOL 4732 - Biology of Aging 3 Credit Hours
- BIOL 4733 - Animal Nutrition 3 Credit Hours
- BIOL 4734 - Neuroscience 3 Credit Hours

Environmental Biology Concentration

Select BIOL 3000/4000 electives from courses in Group 1: Organismal Biology Courses and Group 2: Ecological Biology Courses. At least two courses must be selected from Group 1: Organismal Biology Courses. Also, at least two courses must be selected from Group 2: Ecological Biology Courses, and at least one of these Group 2 courses must be a Lab Based Course.

Organismal Biology Courses (Select at least 2 courses from this group.)

- BIOL 3221 - Taxonomy of Flowering Plants and Ferns 4 Credit Hours
- BIOL 3223 - Vascular Plants 4 Credit Hours
- BIOL 3226 - Natural History of Vertebrates 4 Credit Hours
- BIOL 3231 - Comparative Vertebrate Anatomy 4 Credit Hours
- BIOL 4241 - Entomology 4 Credit Hours
- BIOL 4242 - Invertebrate Zoology 4 Credit Hours
- BIOL 4245 - Ichthyology 4 Credit Hours
- BIOL 4430 - Wildlife Techniques 3 Credit Hours
- BIOL 4441 - Animal Behavior 4 Credit Hours
  Group 2: Ecological Biology Lab Based Courses (Select at least 2 courses from Group 2, and at least 1 course must be from Group 2: Ecological Lab Based Courses.)
- BIOL 4424 - Wildlife Habitat Ecology 4 Credit Hours
- BIOL 4425 - Fire Ecology 4 Credit Hours
- BIOL 4427 - Conservation Biology 4 Credit Hours
- BIOL 4440 - Aquatic Ecology 4 Credit Hours
- BIOL 4450 - Terrestrial Ecology 4 Credit Hours
  Group 2: Ecological Biology Non-Lab Based Courses (Select at lesat 2 courses from Group 2, and at least 1 course must be from Group 2: Ecological Lab Based Courses.)
- BIOL 4130 - Climate Change Biology 3 Credit Hours
- BIOL 4266 - Molecular Ecology 4 Credit Hours
- BIOL 4445 - Marine Biology 4 Credit Hours

Integrative Biology Concentration

Select BIOL 3000/4000 electives from courses in Group 1: Lab Based Courses and Group 2: Non-Lab Based Courses. At least two courses must be selected from Group 1: Lab Based Courses.

Group 1: Lab Based Courses (At least one course must be chosen from this group.)

- BIOL 3221 - Taxonomy of Flowering Plants and Ferns 4 Credit Hours
- BIOL 3223 - Vascular Plants 4 Credit Hours

- BIOL 3226 - Natural History of Vertebrates 4 Credit Hours
- BIOL 3231 - Comparative Vertebrate Anatomy 4 Credit Hours
- BIOL 3513 - Human Physiology 4 Credit Hours
- BIOL 3526 - Vertebrate Histology 4 Credit Hours
- BIOL 3621 - Genetics and Medical Genetics 4 Credit Hours
- BIOL 4134 - Advanced Molecular Biology & Bioinformatics 4 Credit Hours
- BIOL 4241 - Entomology 4 Credit Hours
- BIOL 4242 - Invertebrate Zoology 4 Credit Hours
- BIOL 4245 - Ichthyology 4 Credit Hours
- BIOL 4315 - Bacterial Genetics 4 Credit Hours
- BIOL 4424 - Wildlife Habitat Ecology 4 Credit Hours
- BIOL 4425 - Fire Ecology 4 Credit Hours
- BIOL 4427 - Conservation Biology 4 Credit Hours
- BIOL 4430 - Wildlife Techniques 3 Credit Hours
- BIOL 4440 - Aquatic Ecology 4 Credit Hours
- BIOL 4450 - Terrestrial Ecology 4 Credit Hours
- BIOL 4520 - Developmental Biology and Embryology 4 Credit Hours
- BIOL 4727 - Essentials of Immunology 4 Credit Hours
- BIOL 4728 - Bacterial Pathogenesis 4 Credit Hours
- BIOL 4729 - Medical Virology 4 Credit Hours
- BIOL 4735 - Parasitology 4 Credit Hours

Group 2: Non-Lab Based Courses

- BIOL 3310 - Microbiology 4 Credit Hours
- BIOL 4130 - Climate Change Biology 3 Credit Hours
- BIOL 4266 - Molecular Ecology 4 Credit Hours
- BIOL 4325 - Advanced Medical Microbiology 3 Credit Hours
- BIOL 4441 - Animal Behavior 4 Credit Hours
- BIOL 4445 - Marine Biology 4 Credit Hours
- BIOL 4503 - Biological Perspectives: Biochemistry 3 Credit Hours
- BIOL 4539 - Comparative Physiology 3 Credit Hours
- BIOL 4666 - Evolutionary Genomics 3 Credit Hours
- BIOL 4730 - Emerging Pathogens 4 Credit Hours
- BIOL 4731 - Introduction to Toxicology 3 Credit Hours
- BIOL 4732 - Biology of Aging 3 Credit Hours
- BIOL 4733 - Animal Nutrition 3 Credit Hours
- BIOL 4734 - Neuroscience 3 Credit Hours

ABM

Students in the Accelerated Bachelor's to Master's in Biology pathway should take: 1) BIOL 5130 Climate Change Biology for BIOL 4130 Climate Change Biology; 2) BIOL 5241 Entomology for BIOL 4241 Entomology; 3) BIOL 5242 Invertebrate Zoology for BIOL 4242 Invertebrate Zoology; 4) BIOL 5245 Icthyology for BIOL 4245 Icthyology; 5) BIOL 5266 Molecular Ecology for BIOL 4266 Molecular Ecology; 6) BIOL 5315 Bacterial Genetics for BIOL 4315 Bacterial Genetics; 7) BIOL 5325 Advanced Medical Microbiology for BIOL 4325 Advanced Medical Microbiology; 8) BIOL 5424 Wildlife Habitat Ecology for BIOL BIOL 4424 Wildlife Habitat Ecology; 9) BIOL 5425 Fire Ecology for BIOL 4425 Fire Ecology; 10) BIOL 5427 Conservation Biology for BIOL 4427 Conservation Biology; 11) BIOL 5430 Wildlife Techniques for BIOL 4430 Wildlife Techniques; 12) BIOL 5440 Aquatic Ecology for BIOL 4440 Aquatic Ecology; 13) BIOL 5445 Marine Biology for BIOL 4445 Marine Biology; 14) BIOL 5450 Terrestrial Ecology

for BIOL 4450 Terrestrial Ecology; 15) BIOL 5539 Comparative Physiology for BIOL 4539 Comparative Physiology; 16) BIOL 5727 Essentials of Immunology for BIOL 4727 Essentials of Immunology; 17) BIOL 5728 Bacterial Pathogenesis for BIOL 4728 Bacterial Pathogenesis; 18) BIOL 5730 Emerging Pathogens for BIOL 4730 Emerging Pathogens; 19) BIOL 5732 Biology of Aging for BIOL 4732 Biology of Aging; 20) BIOL 5733 Animal Nutrition for BIOL 4733 Animal Nutrition; 21) BIOL 6503 Biological Perspectives: Biochemistry for BIOL 4503 Biological Perspectives: Biochemistry; 22) BIOL 6513 Human Physiology for BIOL 3513 Human Physiology; 23) BIOL 6526 Vertebrate Histology for BIOL 3526 Vertebrate Histology; 24) BIOL 6981 Graduate Independent Study for BIOL 4981 Independent Study; 25) BIOL 6982 Directed Readings for BIOL 4982 Directed Readings; 26) BIOL 6983 Graduate Research for BIOL 4983 Senior Biology Research.

Course Pre-requisite Information

Unless otherwise noted in the course description, the prerequisites for all upper division courses are equivalent to the following combination of courses including the minimum grade designations.

- BIOL 1107 - Principles of Biology I 3 Credit Hours
- BIOL 1107L - Principles of Biology I Laboratory 1 Credit Hours
- BIOL 1108 - Principles of Biology II 3 Credit Hours
- BIOL 1108L - Principles of Biology II Laboratory 1 Credit Hours
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
  A minimum grade of C is required for all prerequisite courses listed.
  BIOL 2107 & BIOL 2108 with labs may be substituted for BIOL 1107 & 1108 with labs. CHEM 1211K & CHEM 1212K may substitute for CHEM 1211 & 1212 with labs.

Biology, Professional Preparation Track, B.S.

Biology, General Biology Track, B.S.
The general track for the B.S. degree in Biology is the appropriate track for any student who plans to pursue a graduate degree in any area of biological sciences or for students who plan to seek employment in industry, government, or environmental laboratories.

Biology, Professional Preparation Track, B.S.
The professional preparation track prepares students for further advanced study in medical, dental, veterinary, physical therapy, or other allied health fields.

Accelerated Bachelor's to Master's Degree pathway in Biology (Non-thesis Track)
The Accelerated Bachelor's to Master's Degree Pathway in Biology (Non-thesis Track) at the University of West Georgia allows outstanding students who major in Biology to begin earning credit toward a graduate degree while completing their Bachelor's degree. The ABM in Biology (Non-Thesis Track) allows exceptional students to count up to six (6) hours in the M.S. Biology (Non-Thesis Track) toward both degrees.

The Accelerated Bachelor's to Master's Degree Pathway offers the opportunity to simultaneously satisfy partial degree requirements for a bachelor's and a master's degree in an accelerated program of study. Upon completion of the undergraduate B.S. in Biology, with a satisfactory undergraduate grade point average and a grade of "B" or better in all graduate courses completed, the student may move to full graduate status in the Master's program in M.S. in Biology (Non-Thesis Track) and the graduate-level courses taken as an undergraduate will be applied toward the graduate degree.

Students applying for the ABM Pathway in Biology (Non-Thesis Track) must:

Have completed at least 90 hours toward a B.S. in Biology.
Have completed at least 30 hours of the 90 hours of coursework at the University of West Georgia.
Have a UWG GPA of 3.2 or higher and must maintain that GPA while they are undergraduates.
Have taken BIOL 2108+BIOL 2108L.
Meet all admission requirements for the M.S. in Biology (Non-Thesis Track) with the exception of the complete B.S. in Biology.
Students applying for the accelerated program will not be required to take standardized admissions tests.

The list below shows the graduate courses for which students can receive credit towards both the graduate and undergraduate degrees, along with the undergraduate courses which they would replace. Students in the pathway may receive credit for two such courses in the M.S. Biology (Non-Thesis Track) which requires 30 hours of coursework. Undergraduate students admitted to the ABM pathway should take at least one (1) 4000-levle course before taking any of the 6000-level courses listed below.

Graduate Course followed by Undergraduate Course which is being replaced:
1) BIOL 6503 Biological Perspectives: Biochemistry for BIOL 4503 Biological Perspectives: Biochemistry
2) BIOL 6983 Graduate Research for BIOL 4983 Senior Biology Research

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Specific core curriculum requirements for the B.S. in Biology are:

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours advised to take under Core IMPACTS Area M
- Two lab sciences required under Core IMPACTS Area T, which may not overlap in course number or content with courses taken elsewhere in the degree program.

Note:

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.

Field of Study: 18 Hours

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours
- BIOL 2107 - Principles of Biology I for Biology Majors 3 Credit Hours
- BIOL 2107L - Principles of Biology I Lab for Biology Majors 1 Credit Hours
- BIOL 2108 - Principles of Biology II for Biology Majors 3 Credit Hours
- BIOL 2108L - Principles of Biology II Lab for Biology Majors 1 Credit Hours
- 1000/2000 Level Academic Electives 10

Requirements for Major: (21 hours BIOL 3000/4000): 39 Hours

Lower division requirements for Major:

- CHEM 2411 - Organic Chemistry I 3 Credit Hours
- CHEM 2411L - Organic Chemistry I Laboratory 1 Credit Hours

Upper division requirements for Major: 39 Hours

Organismal Requirement 3 - 4

Prokaryotic Requirement 3 - 4

Ecological/Evolutionary Requirement 3 - 4 1

Physiological Requirement 3 - 4 1

Cell and Molecular Requirement 3 - 4

Clinical Requirement 3-4

Chemistry Requirement 3 - 4

Biology Electives (3000/4000) 0 - 29

Electives (3000/4000) 0 - 9

- BIOL 4984 - Senior Biology Seminar 1 Credit Hours
  All Biology majors are required to take BIOL 4984 Senior Biology Seminar - in the last semester of the degree completion.

Supporting Courses for the Major: 6 Hours

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours (if not in Area F)
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours (if not in Area F)
- CHEM 2411 - Organic Chemistry I 3 Credit Hours
- CHEM 2411L - Organic Chemistry I Laboratory 1 Credit Hours (if not in Area F)
- BIOL 1110 - Biological Diversity 3 Credit Hours (if not in Area F)

Electives: 0-15 Hours

Total: 120 Hours

Subtopic Biology Courses

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

Table A

Courses that meet the Requirement

Sub-Discipline

Organismal Requirement

- BIOL 3221 - Taxonomy of Flowering Plants and Ferns 4 Credit Hours
- BIOL 3223 - Vascular Plants 4 Credit Hours
- BIOL 3226 - Natural History of Vertebrates 4 Credit Hours
- BIOL 3231 - Comparative Vertebrate Anatomy 4 Credit Hours
- BIOL 3232 - Vertebrate Evolution 3 Credit Hours
- BIOL 4241 - Entomology 4 Credit Hours
- BIOL 4242 - Invertebrate Zoology 4 Credit Hours
- BIOL 4245 - Ichthyology 4 Credit Hours
- BIOL 4441 - Animal Behavior 4 Credit Hours

Prokaryotic Requirement

- BIOL 3310 - Microbiology 4 Credit Hours

Ecological/Evolutionary Requirement

- BIOL 3135 - Ecology 4 Credit Hours
- BIOL 3242 - Evolution 4 Credit Hours

Physiological Requirement

- BIOL 3513 - Human Physiology 4 Credit Hours
- BIOL 4539 - Comparative Physiology 3 Credit Hours

Cell and Molecular Requirement

- BIOL 3134 - Cell and Molecular Biology 4 Credit Hours

Clinical Requirement

- BIOL 3621 - Genetics and Medical Genetics 4 Credit Hours
- BIOL 3526 - Vertebrate Histology 4 Credit Hours
- BIOL 4315 - Bacterial Genetics 4 Credit Hours
- BIOL 4325 - Advanced Medical Microbiology 3 Credit Hours
- BIOL 4727 - Essentials of Immunology 4 Credit Hours
- BIOL 4728 - Bacterial Pathogenesis 4 Credit Hours
- BIOL 4730 - Emerging Pathogens 4 Credit Hours
- BIOL 4731 - Introduction to Toxicology 3 Credit Hours
- BIOL 4732 - Biology of Aging 3 Credit Hours

- BIOL 4734 - Neuroscience 3 Credit Hours

Chemical Requirement

- BIOL 4503 - Biological Perspectives: Biochemistry 3 Credit Hours
- CHEM 3422 - Organic Chemistry II 3 Credit Hours
- CHEM 3422L - Organic Chemistry II Laboratory 1 Credit Hours
- CHEM 3310K - Analytical Chemistry 4 Credit Hours
- CHEM 4711 - Biochemistry 3 Credit Hours

Note:

* Lab not required for Secondary Education Track

Note 2:

Students in the Accelerated Bachelor's to Master's in Biology pathway should take: 1) BIOL 6503 Biological Perspectives: Biochemistry in place of BIOL 4503 Biological Perspectives: Biochemistry, and 2) BIOL 6983 Graduate Research in place of BIOL 4983 Senior Biology Research.

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 - Principles of Biology I for Biology Majors 3 Credit Hours
- BIOL 2107L - Principles of Biology I Lab for Biology Majors 1 Credit Hours
- BIOL 2108 - Principles of Biology II for Biology Majors 3 Credit Hours
- BIOL 2108L - Principles of Biology II Lab for Biology Majors 1 Credit Hours
- CHEM 1211K - Principles of Chemistry I and Lab 4 Credit Hours
- CHEM 1212K - Principles of Chemistry II and Lab 4 Credit Hours
  A minimum grade of C is required for every BIOL course of Combination A.

Combination B is:

- BIOL 1107 - Principles of Biology I 3 Credit Hours
- BIOL 1107L - Principles of Biology I Laboratory 1 Credit Hours
- BIOL 1108 - Principles of Biology II 3 Credit Hours
- BIOL 1108L - Principles of Biology II Laboratory 1 Credit Hours
- CHEM 1211K - Principles of Chemistry I and Lab 4 Credit Hours
- CHEM 1212K - Principles of Chemistry II and Lab 4 Credit Hours
  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, ACS Track - B.S.

A senior research thesis and oral presentation is required and designed to introduce students to modern advanced techniques and approaches to chemical research under the guidance of 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, inorganic chemistry, and biochemistry;
- 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

The Bachelor of Science with a Major in Chemistry degree (ACS Track) is 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.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M advised:

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours -4* (*1 hr moved to Core IMPACTS Field of Study)
(or)
- MATH 1634 - Calculus I 4 Credit Hours * (*1 hr moved to Core IMPACTS Field of Study)

Core IMPACTS Area T advised:

- MATH 1634 - Calculus I 4 Credit Hours * (*1 hr moved to Core IMPACTS Field of Study) unless completed in Core IMPACTS Area M, and
- PHYS 2211 - Principles of Physics I 3 Credit Hours
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours

- PHYS 2212 - Principles of Physics II 3 Credit Hours
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Field of Study: Courses specific to the major: 18 Hours

- MATH 2644 - Calculus II 4 Credit Hours
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
- CHEM 2411 - Organic Chemistry I 3 Credit Hours
- CHEM 2411L - Organic Chemistry I Laboratory 1 Credit Hours
- MATH credit from Core IMPACTS Area M and Core IMPACTS Area T

Concentration: 40 Hours

Courses from the major:

- CHEM 2130 - Sophomore Chemistry Seminar 1 Credit Hours
- CHEM 3422 - Organic Chemistry II 3 Credit Hours
- CHEM 3422L - Organic Chemistry II Laboratory 1 Credit Hours
- CHEM 3310K - Analytical Chemistry 4 Credit Hours
- CHEM 4330K - Instrumental Analysis 4 Credit Hours
  Choose 2:
- CHEM 3521 - Quantum Chemistry 3 Credit Hours
  (or)
- CHEM 3522 - Chemical Thermodynamics 3 Credit Hours
  (or)
- CHEM 3523 - Structure, Bonding and Reactivity 3 Credit Hours
- CHEM 3550L - Physical Chemistry Laboratory 2 Credit Hours
- CHEM 4913L - Advanced Synthesis Laboratory 2 Credit Hours
- CHEM 4610 - Inorganic Chemistry 3 Credit Hours
- CHEM 4083 - Faculty Directed Research 1.0 - 3.0 Credit Hours (4 semesters for a total of 4 credit hours)
- CHEM 4084 - Senior Seminar 1 Credit Hours **
- CHEM 4711 - Biochemistry 3 Credit Hours

CHEM electives. Choose 2: 6 Hours

- CHEM 4712 - Physical Biochemistry 3 Credit Hours
- CHEM 3521 - Quantum Chemistry 3 Credit Hours
- CHEM 3522 - Chemical Thermodynamics 3 Credit Hours
- CHEM 3523 - Structure, Bonding and Reactivity 3 Credit Hours
- CHEM 4485 - Advanced Topics in Organic Chemistry 1.0 - 4.0 Credit Hours
- CHEM 4685 - Advanced Topics in Inorganic Chemistry 1.0 - 4.0 Credit Hours
- CHEM 4985 - Selected Topics in Chemistry: An Integrated Approach 1.0 - 4.0 Credit Hours

Courses from supporting disciplines: 20 Hours

Free Electives (3000 or above) 2-5 Hours

Minor or Supporting classes (Advisor Approval) 15-18 Hours

Total: 120 Hours

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 DSW courses are required.

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

The following courses are not allowed as Chemistry electives:

- CHEM 3130 - Modern Forensic Science 3 Credit Hours
- CHEM 3140 - Drugs and Drug Abuse 3 Credit Hours
- CHEM 4083 - Faculty Directed Research 1.0 - 3.0 Credit Hours

Chemistry, Non-ACS Track - Business Option, B.S.

Bachelor of Science with a major in Chemistry (Non-ACS Tracks)

This degree includes 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 laboratory positions and a variety of career opportunities that include: with business - technical sales; with engineering - chemical industry; with biology or geology - environmental studies or 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, and biochemistry;
- 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.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M advised:

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours **(or)**
- MATH 1634 - Calculus I 4 Credit Hours * (*1 hr moved to Area F)

Core IMPACTS Area A:

foreign language is recommended.

Core IMPACTS Area T advised:

- MATH 1634 - Calculus I 4 Credit Hours * (*1 hr moved to Core IMPACTS Field of Study) unless completed in Core IMPACTS Area M
  (and)
- PHYS 1111 - Introductory Physics I 3 Credit Hours **(and)**
- PHYS 1111L - Introductory Physics I Laboratory 1 Credit Hours
  (or)
- PHYS 2211 - Principles of Physics I 3 Credit Hours **(and)**
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
  (and)
- PHYS 1112 - Introductory Physics II 3 Credit Hours **(and)**
- PHYS 1112L - Introductory Physics II Laboratory 1 Credit Hours
  (or)
- PHYS 2212 - Principles of Physics II 3 Credit Hours **(and)**
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Core IMPACTS Field of Study: Courses specific to the major: 17-18 Hours

- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
  (and)
- MATH 2644 - Calculus II 4 Credit Hours **(or)**
- MATH 1401 - Elementary Statistics 3 Credit Hours
  (and)
- CHEM 2411 - Organic Chemistry I 3 Credit Hours
- CHEM 2411L - Organic Chemistry I Laboratory 1 Credit Hours
- MATH credit from Area A and D 2

Requirements for the Major: 28 Hours

Courses from the Major:

- CHEM 2130 - Sophomore Chemistry Seminar 1 Credit Hours
- CHEM 3422 - Organic Chemistry II 3 Credit Hours
- CHEM 3422L - Organic Chemistry II Laboratory 1 Credit Hours
- CHEM 3310K - Analytical Chemistry 4 Credit Hours
  (and)

- CHEM 3510 - Survey of Physical Chemistry 3 Credit Hours **(or)**
- CHEM 3521 - Quantum Chemistry 3 Credit Hours **(or)**
- CHEM 3522 - Chemical Thermodynamics 3 Credit Hours
  (or)
- CHEM 3523 - Structure, Bonding and Reactivity 3 Credit Hours
  (and)
- CHEM 4610 - Inorganic Chemistry 3 Credit Hours
  (and)
- CHEM 4711 - Biochemistry 3 Credit Hours
  (or)
- CHEM 4712 - Physical Biochemistry 3 Credit Hours
  (and)
- CHEM 4908L - Tools in Chemical Research 2 Credit Hours
- CHEM 4909L - Chemistry Senior Capstone Project 1 Credit Hours
- CHEM 4084 - Senior Seminar 1 Credit Hours
- CHEM elective 1 (3200 or above) 3 **
- CHEM elective 2 (3500 or above) 3 **
  **excluding CHEM 4083

Minor: 15-18

Minor in Accounting, Business Management, management Information Systems, Marketing, or Real Estate. See Course Catalog for specific requirements.

Electives: 15-18 Hours

Total: 120 Hours

General Restrictions: Students are allowed only one D in the courses used to satisfy the major. A maximum of 4 hours of research is allowed in the degree program. Must complete 6 hours of 3000/4000 level DSW-courses where at least one is a chemistry course and the other may be a course that is in the major program.

Chemistry, Non-ACS Track - General Option, B.S.

Bachelor of Science with a major in Chemistry (Non-ACS Tracks)

This degree includes 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 laboratory positions and a variety of career opportunities that include: with business - technical sales; with engineering - chemical industry; with biology or geology - environmental studies or 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, and biochemistry;
- 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.

Requirement

Core IMPACTS General Education Requirements: 42 Hours

Core IMPACTS General Education Requirements

Core IMPACTS Area M advised:

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours **(or)**
- MATH 1634 - Calculus I 4 Credit Hours * (*1 hr moved to Core IMPACTS Field of Study)

Core IMPACTS Area A:

foreign language is recommended.

Core IMPACTS Area T advised:

- MATH 1634 - Calculus I 4 Credit Hours * (*1 hr moved to Core IMPACTS Field of Study) unless completed in Core IMPACTS Area M
  (and)
- PHYS 1111 - Introductory Physics I 3 Credit Hours **(and)**
- PHYS 1111L - Introductory Physics I Laboratory 1 Credit Hours
  (or)
- PHYS 2211 - Principles of Physics I 3 Credit Hours **(and)**
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
  (and)
- PHYS 1112 - Introductory Physics II 3 Credit Hours **(and)**
- PHYS 1112L - Introductory Physics II Laboratory 1 Credit Hours
  (or)
- PHYS 2212 - Principles of Physics II 3 Credit Hours **(and)**
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Field of Study: Courses specific to the major: 17-18 Hours

- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
  (and)
- MATH 2644 - Calculus II 4 Credit Hours **(or)**
- MATH 1401 - Elementary Statistics 3 Credit Hours
  (and)

- CHEM 2411 - Organic Chemistry I 3 Credit Hours
- CHEM 2411L - Organic Chemistry I Laboratory 1 Credit Hours
- MATH credit from Core IMPACTS Area M and Core IMPACTS area T

Requirements for the Major: 28 Hours

Courses from the major:

- CHEM 2130 - Sophomore Chemistry Seminar 1 Credit Hours
- CHEM 3422 - Organic Chemistry II 3 Credit Hours
- CHEM 3422L - Organic Chemistry II Laboratory 1 Credit Hours
- CHEM 3310K - Analytical Chemistry 4 Credit Hours
  (and)
- CHEM 3510 - Survey of Physical Chemistry 3 Credit Hours **(or)**
- CHEM 3521 - Quantum Chemistry 3 Credit Hours **(or)**
- CHEM 3522 - Chemical Thermodynamics 3 Credit Hours
  (or)
- CHEM 3523 - Structure, Bonding and Reactivity 3 Credit Hours
  (and)
- CHEM 4610 - Inorganic Chemistry 3 Credit Hours
  (and)
- CHEM 4711 - Biochemistry 3 Credit Hours
  (or)
- CHEM 4712 - Physical Biochemistry 3 Credit Hours
  (and)
- CHEM 4908L - Tools in Chemical Research 2 Credit Hours
- CHEM 4909L - Chemistry Senior Capstone Project 1 Credit Hours
- CHEM 4084 - Senior Seminar 1 Credit Hours
- CHEM elective 1 (3200 or above) 3 **
- CHEM elective 2 (3500 or above) 3 **
  **excluding CHEM 4083

Supporting Courses and/or Minor Discipline Courses: 33-34 Hours

(refer to Course Catalog) 33 hrs with minimum of 13 hrs 3000 or above

Total: 120 Hours

General Restrictions: Students are allowed only one D in the courses used to satisfy the major. A maximum of 4 hours of research is allowed in the degree program. Must complete 6 hours of 3000/4000 level DSW-courses where at least one is a chemistry course.

Chemistry, Non-ACS Track - Professional Preparation Option, B.S.

(Medical, Dental, Dental Hygiene, Veterinary)

This degree option is frequently the choice of students interested in professional programs 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 requirements include 2 years of Chemistry and 1 year each of Biology, Physics, and English, and 1 semester Psychology/Sociology.

Bachelor of Science with a major in Chemistry (Non-ACS Tracks)

This degree includes 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 laboratory positions and a variety of career opportunities that include: with business - technical sales; with engineering - chemical industry; with biology or geology - environmental studies or 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, and biochemistry;
- 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.

Requirement

Core IMPACTS General Education Requirements: 42 Hours

Core IMPACTS General Education Requirements

Core IMPACTS Area M advised:

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours **(or)**
- MATH 1634 - Calculus I 4 Credit Hours * (*1 hr moved to Core IMPACTS Field of Study)

Core IMPACTS Area A:

foreign language is recommended.

Core IMPACTS Area T advised:

- MATH 1634 - Calculus I 4 Credit Hours unless completed in Core IMPACTS Area M
  (and)
- PHYS 1111 - Introductory Physics I 3 Credit Hours **(and)**
- PHYS 1111L - Introductory Physics I Laboratory 1 Credit Hours
  (or)
- PHYS 2211 - Principles of Physics I 3 Credit Hours **(and)**
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
  (and)

- PHYS 1112 - Introductory Physics II 3 Credit Hours **(and)**
- PHYS 1112L - Introductory Physics II Laboratory 1 Credit Hours
  (or)
- PHYS 2212 - Principles of Physics II 3 Credit Hours **(and)**
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Core Area E:

- PSYC 1101 - Introduction to General Psychology 3 Credit Hours (recommended) **(or)**
- SOCI 1101 - Introductory Sociology 3 Credit Hours (recommended)

Core Area F: Courses specific to the major: 17-18 Hours

- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
  (and)
- MATH 2644 - Calculus II 4 Credit Hours **(or)**
- MATH 1401 - Elementary Statistics 3 Credit Hours
  (and)
- CHEM 2411 - Organic Chemistry I 3 Credit Hours
- CHEM 2411L - Organic Chemistry I Laboratory 1 Credit Hours
- MATH credit from Area A and D 2

Requirements for the Major: 28 Hours

Courses from the Major:

- CHEM 2130 - Sophomore Chemistry Seminar 1 Credit Hours
- CHEM 3422 - Organic Chemistry II 3 Credit Hours
- CHEM 3422L - Organic Chemistry II Laboratory 1 Credit Hours
- CHEM 3310K - Analytical Chemistry 4 Credit Hours
  (and)
- CHEM 3510 - Survey of Physical Chemistry 3 Credit Hours **(or)**
- CHEM 3521 - Quantum Chemistry 3 Credit Hours **(or)**
- CHEM 3522 - Chemical Thermodynamics 3 Credit Hours **(or)**
- CHEM 3523 - Structure, Bonding and Reactivity 3 Credit Hours
  (and)
- CHEM 4610 - Inorganic Chemistry 3 Credit Hours
  (and)
- CHEM 4711 - Biochemistry 3 Credit Hours
  (or)
- CHEM 4712 - Physical Biochemistry 3 Credit Hours
  (and)
- CHEM 4908L - Tools in Chemical Research 2 Credit Hours
- CHEM 4909L - Chemistry Senior Capstone Project 1 Credit Hours

- CHEM 4084 - Senior Seminar 1 Credit Hours
- CHEM elective 1 (3200 or above) 3 **
- CHEM elective 2 (3500 or above) 3 **
  **excluding CHEM 4083

Recommended Minor: 15-18 Hours

(Biology, Psychology, or Spanish) 15-18 total hours with minimum 9-12 hours at 3000-level or above

Electives: 15-18 Hours

Total: 120 Hours

General Restrictions: Students are allowed only one D in the courses used to satisfy the major. A maximum of 3 hours of research is allowed in the degree program. Must complete 6 hours of 3000/4000 level DSW-courses where at least one is a chemistry course.

Chemistry, Non-ACS Track - Secondary Education Option, B.S.

This option prepares chemistry majors to become a secondary education chemistry teacher. The undergraduate curriculum equips students with the content knowledge of chemistry as well as leadership skills, scientific communication skills, and literacy in diversity and technology applicable to educational settings. The curriculum prepares students for the GACE (Georgia Assessments for the Certification of Educators) exam. This degree option also includes preparations for the Master of Arts in Teaching (M.A.T.) program offered by the College of Education. Those interested in obtaining both the B.S. in Chemistry and M.A.T. in five years are advised to follow the 4+1 ABM (Accelerated Bachelor's to Masters' Program) pathway program map.

Bachelor of Science with a major in Chemistry (Non-ACS Tracks)

This degree includes 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 laboratory positions and a variety of career opportunities that include: with business - technical sales; with engineering - chemical industry; with biology or geology - environmental studies or 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, and biochemistry;
- 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.

Requirement

Core IMPACTS General Education Requirements: (42 hours)

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS Area M advised:

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours **(or)**
- MATH 1634 - Calculus I 4 Credit Hours *(*1 hr moved to Core IMPACTS Field of Study)

Core IMPACTS Area A:

foreign language is recommended.

Core IMPACTS Area T advised:

- MATH 1634 - Calculus I 4 Credit Hours *(*1 hr moved to Core IMPACTS Field of Study) unless completed in Core IMPACTS Area M
  (and)
- PHYS 1111 - Introductory Physics I 3 Credit Hours **(and)**
- PHYS 1111L - Introductory Physics I Laboratory 1 Credit Hours
  (or)
- PHYS 2211 - Principles of Physics I 3 Credit Hours **(and)**
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
  (and)
- PHYS 1112 - Introductory Physics II 3 Credit Hours **(and)**
- PHYS 1112L - Introductory Physics II Laboratory 1 Credit Hours
  (or)
- PHYS 2212 - Principles of Physics II 3 Credit Hours **(and)**
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Field of Study: Courses specific to the major: 17-18 Hours

- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
  (and)
- MATH 2644 - Calculus II 4 Credit Hours **(or)**
- MATH 1401 - Elementary Statistics 3 Credit Hours
  (and)
- CHEM 2411 - Organic Chemistry I 3 Credit Hours
- CHEM 2411L - Organic Chemistry I Laboratory 1 Credit Hours
- MATH credit from Core IMPACTS Area M and Core IMPACTS Area T

Requirements for the Major: 27 Hours

Courses from the major:

- CHEM 2130 - Sophomore Chemistry Seminar 1 Credit Hours
- CHEM 3422 - Organic Chemistry II 3 Credit Hours
- CHEM 3422L - Organic Chemistry II Laboratory 1 Credit Hours
- CHEM 3310K - Analytical Chemistry 4 Credit Hours
  (and)
- CHEM 3510 - Survey of Physical Chemistry 3 Credit Hours **(or)**
- CHEM 3521 - Quantum Chemistry 3 Credit Hours **(or)**
- CHEM 3522 - Chemical Thermodynamics 3 Credit Hours **(or)**
- CHEM 3523 - Structure, Bonding and Reactivity 3 Credit Hours
  (and)
- CHEM 4610 - Inorganic Chemistry 3 Credit Hours
- CHEM 4711 - Biochemistry 3 Credit Hours **(or)**
- CHEM 4712 - Physical Biochemistry 3 Credit Hours
- CHEM 4908L - Tools in Chemical Research 2 Credit Hours
- CHEM 4909L - Chemistry Senior Capstone Project 1 Credit Hours
- CHEM 4084 - Senior Seminar 1 Credit Hours
- CHEM electives (3000 or above) 6**

Supporting Courses: 14 Hours

- BIOL 1107 - Principles of Biology I 3 Credit Hours
  (and)
- BIOL 1107L - Principles of Biology I Laboratory 1 Credit Hours
  (or)
- GEOL 1121 - Exploring Earth 3 Credit Hours
  (and)
- GEOL 1121L - Exploring Earth Laboratory 1 Credit Hours
  (and)
- BIOL 1108 - Principles of Biology II 3 Credit Hours
  (and)
- BIOL 1108L - Principles of Biology II Laboratory 1 Credit Hours
  (or)
- GEOL 1122 - Earth and Life Through Time 3 Credit Hours
  (and)
- GEOL 1122L - Earth and Life Through Time Laboratory 1 Credit Hours
  (and)
- 3xxx/4xxx courses (can be in one area for a minor, or combination), 9 Credit Hours
- Any electives, 5 Credit Hours

Education option requirements: 10 Hours

- CHEM 2086 - Chemistry Leadership Practicum 1 Credit Hours
- MEDT 2501 - Multiple Literacies for Ed. 3 Credit Hours
- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours
- CHEM 4411 - Scientific Communication 3 Credit Hours

Total: 120 Hours

General Restrictions: Students are allowed only one D in the courses used to satisfy the major. A maximum of 3 hours of research is allowed in the degree program. Must complete 6 hours of 3000/4000 level DSW courses where at least one is a chemistry course.

CHEM 2086 requires a student to serve as a chemistry workshop leader or a laboratory assistant at least for one semester.

** The following courses are not allowed as Chemistry electives: CHEM 3100, CHEM 3130, CHEM 3140, CHEM 4083. CHEM 4086 may be used to fullfill one CHEM elective.

Earth and Environmental Sciences, B.S.

The Earth and Environmental Sciences (EES) program and degree at UWG offers multiple concentrations for students to pursue education and career pathways focusing on the Earth's physical composition, its surface and atmospheric systems, and how these interact and are impacted by human activities. This broad area of interest, furthermore, is understood and explored using an integrated systems approach, emphasizing the spatial and temporal relationships within and between relevant natural and human systems. All EES students are prepared for future careers by gaining a particular skillset that enables them to analyze and explain conditions and processes that fall within this earth and environmental sciences framework. The culmination of this learning is the formulation, execution, and presentation of a faculty mentored research project. Based on existing faculty expertise, students majoring with a BS in EES can pursue one of three concentrations, each with its own thematic focus and methodology: 1) environmental sustainability, 2) geographic information systems, and 3) professional geology.

Learning Outcomes:

1. Students will be able to demonstrate knowledge of disciplinary elements of Earth and Environmental Science by explaining phenomena studied, foundational concepts, and key theories and methods.

2. Students will be able to apply appropriate research methodology and techniques to analyze problems related to EES.

3. Students will be able to produce research/scientific findings through the design and implementation of a faculty-mentored research project.

4. Students will be able to communicate effectively knowledge about EES phenomena, concepts, and methods in both oral and written presentations.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

(Note: Core IMPACTS Area M the following course is advised and Core IMPACTS Area T Option II is advised)

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours

Field of Study: 18 Hours

- GEOL 1121 - Exploring Earth 3 Credit Hours
- GEOL 1121L - Exploring Earth Laboratory 1 Credit Hours
- GEOG 1112 - Weather and Climate 3 Credit Hours
- GEOG 1112L - Weather and Climate Laboratory 1 Credit Hours
- GEOG 2253 - Geographies of Economic Development 3 Credit Hours
  Choose between GEOG or GEOL options
- GEOG 1113 - Landform Geography 3 Credit Hours
- GEOG 1113L - Landform Geography Laboratory 1 Credit Hours
  (or)
- GEOL 1122 - Earth and Life Through Time 3 Credit Hours
- GEOL 1122L - Earth and Life Through Time Laboratory 1 Credit Hours
  Choose either MATH
- MATH 1401 - Elementary Statistics 3 Credit Hours
  (or)
- MATH 1634 - Calculus I 4 Credit Hours
  If needed, MATH credit from Core IMPACTS Area M and Core IMPACTS Area T and/or 1000/2000 level academic elective in GEOG, GEOL, CHEM, BIOL, PHYS, CS

Environmental Sustainability Concentration

This is a flexible concentration aimed at providing students with multiple pathways to developing the knowledge and skills demanded in the burgeoning field of environmental assessment, management and planning.

Required lower level courses 2-6 Credit Hours

- GEOG 1013 - World Geography 3 Credit Hours
- GEOG 2202 - Environmental Science 3 Credit Hours
- GEOG 2202L - Environmental Science Lab 1 Credit Hours
- GEOG 2333 - An Introduction to Research in Earth and Environmental Sciences 2 Credit Hours
  (or)
- GEOL 2333 - An Introduction to Research in Earth and Environmental Sciences 2 Credit Hours
  Required upper level courses 15-17 Credit Hours
- GEOL 3603 - Environmental Geology 3 Credit Hours
- GEOG 3333 - Faculty-Mentored Research in Earth and Environmental Sciences 1-3 Credit Hours
  (or)
- GEOL 3333 - Faculty-Mentored Research in Earth and Environmental Sciences 1-3 Credit Hours
- GEOG 3405 - Geographies of Sustainability 3 Credit Hours
- GEOL 4093 - Risk Assessment 3 Credit Hours
- GEOG 4333 - Earth and Environmental Sciences Capstone 2 Credit Hours
  (or)
- GEOL 4333 - Earth and Environmental Sciences Capstone 2 Credit Hours
- GEOG 4700 - Global Environmental Change 3 Credit Hours
  Choose two foundational upper level courses 6-8 Credit Hours
- GEOG 3713 - Meteorology 3 Credit Hours
- GEOG 3800 - Biogeography 3 Credit Hours
- GEOG 3900 - Ecological Climatology 3 Credit Hours
- GEOL 4003 - Geomorphology 3 Credit Hours
- GEOL 4084 - Hydrogeology 4 Credit Hours

- GEOG 4103 - Soil Science 3 Credit Hours
- GEOG 4600 - Applied Climatology 3 Credit Hours
- GEOG 4900 - Dendrochronology 4 Credit Hours

Choose one techniques/skills upper level course 3-4 Credit Hours

- GEOL 3004 - Field Geology and Geologic Mapping 4 Credit Hours
- GEOG 3563 - Remote Sensing and GIS Integration 4 Credit Hours
- GEOG 4553 - Geographic Information System 4 Credit Hours
- GEOG 4086 - Internship 1-3 Credit Hours

Choose one transdisciplinary upper level course 3-4 Credit Hours

- GEOL 3014 - Mineralogy and Crystallography 4 Credit Hours
- GEOG 3020 - Political Geography 3 Credit Hours
- GEOG 3253 - Economic Geography 3 Credit Hours
- GEOG 3643 - Urban Geography 3 Credit Hours
- GEOG 3644 - Atlanta's Geographies 3 Credit Hours
- GEOL 4024 - Paleontology 4 Credit Hours
- GEOL 4083 - Environmental Geochemistry 3 Credit Hours
- GEOL 4604 - Economic Geology 4 Credit Hours

Additional upper level electives 6-12 Credit Hours

Professional Geology Concentration

This concentration focuses on giving students a well rounded understanding of geology and its relevance to humanity. The aim is to have students be able to pass the ASBOG exam required to becoming a licensed professional geologist.

Required lower level courses 2-10 Credit Hours

- GEOL 1122 - Earth and Life Through Time 3 Credit Hours
- GEOL 1122L - Earth and Life Through Time Laboratory 1 Credit Hours
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- GEOG 2333 - An Introduction to Research in Earth and Environmental Sciences 2 Credit Hours

(or)

- GEOL 2333 - An Introduction to Research in Earth and Environmental Sciences 2 Credit Hours

Required upper level courses 35-37 Credit Hours

- GEOL 3004 - Field Geology and Geologic Mapping 4 Credit Hours
- GEOL 3014 - Mineralogy and Crystallography 4 Credit Hours
- GEOL 3024 - Igneous and Metamorphic Petrology 4 Credit Hours
- GEOG 3333 - Faculty-Mentored Research in Earth and Environmental Sciences 1-3 Credit Hours

(or)

- GEOL 3333 - Faculty-Mentored Research in Earth and Environmental Sciences 1-3 Credit Hours
- GEOL 3034 - Structural Geology 4 Credit Hours
- GEOL 4024 - Paleontology 4 Credit Hours
- GEOL 4034 - Sedimentation and Stratigraphy 4 Credit Hours
- GEOL 4084 - Hydrogeology 4 Credit Hours
- GEOG 4333 - Earth and Environmental Sciences Capstone 2 Credit Hours

(or)

- GEOL 4333 - Earth and Environmental Sciences Capstone 2 Credit Hours
- GEOL 4604 - Economic Geology 4 Credit Hours

Additional upper level electives 2-4 Credit Hours

Geographic Information Science Concentration

This concentration is focused on having students become knowledgeable and skilled in the high-demand field of geospatial technologies, including GIS-based map making and the use/analysis of satellite and air-photo imagery.

Required lower level courses 2-6 Credit Hours

- GEOG 1013 - World Geography 3 Credit Hours
- GEOG 2202 - Environmental Science 3 Credit Hours
- GEOG 2202L - Environmental Science Lab 1 Credit Hours
- GEOG 2333 - An Introduction to Research in Earth and Environmental Sciences 2 Credit Hours
  (or)
- GEOL 2333 - An Introduction to Research in Earth and Environmental Sciences 2 Credit Hours
  Required upper level courses 15-17 Credit Hours
- GEOG 3333 - Faculty-Mentored Research in Earth and Environmental Sciences 1-3 Credit Hours
  (or)
- GEOL 3333 - Faculty-Mentored Research in Earth and Environmental Sciences 1-3 Credit Hours
- GEOG 3563 - Remote Sensing and GIS Integration 4 Credit Hours
- GEOG 4333 - Earth and Environmental Sciences Capstone 2 Credit Hours
  (or)
- GEOL 4333 - Earth and Environmental Sciences Capstone 2 Credit Hours
- GEOG 4553 - Geographic Information System 4 Credit Hours
- GEOG 4554 - Computer Cartography 4 Credit Hours
  Choose two specialized upper level courses 12 Credit Hours
- GEOG 4562 - Airphoto Interpretation and Photogrammetry 4 Credit Hours
- GEOG 4564 - Contemporary Remote Sensing Applications 4 Credit Hours
- GEOG 4753 - Contemporary GIS Applications 4 Credit Hours
- GEOG 4755 - GIS Database Design 4 Credit Hours
- GEOG 4757 - Programming and Customization in GIS 4 Credit Hours
- GEOG 4893 - Practicum in GIS 4 Credit Hours
  Additional upper level electives 10-12 Credit Hours

Note:

A maximum of six hours of independent research is allowed in the major. Must complete minimum of 6 hours 3000/4000 level DSW courses. Must complete minimum of 39 hours courses numbered 3000 or greater.

Geography, B.S.

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

Core: 60 Hours

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

- Core IMPACTS Area M advised MATH 1113 or higher
- Core IMPACTS Area T advised Option II

Field of Study: 18 Hours (*: If not taken in other Core IMPACTS Areas)

- GEOG 1013 - World Geography 3 Credit Hours *
- GEOG 2083 - Introduction to Geographical Analysis 3 Credit Hours *
- GEOG 2553 - Introduction to GIS and Mapping Sciences 3 Credit Hours *
- MATH 1401 - Elementary Statistics 3 Credit Hours **(or)**
- MATH 1634 - Calculus I 4 Credit Hours *

MATH credits from Core IMPACTS Areas M and T 1-2 Hours

1000-2000 level courses from GEOG, CS, BIOL, CHEM, GEOL, or PHYS 6-8 Hours

Major: 60 Hours

All majors complete both the Geography Core and one of three concentrations: General Geography, Environmental Sustainability, or Geographic Information Science. (Students in the GIS concentration cannot minor in GIS.)

Geography Core: 16 Hours

All majors must complete the following courses, including 3 hours of GEOG 4083.

- GEOG 3643 - Urban Geography 3 Credit Hours
- GEOG 3800 - Biogeography 3 Credit Hours
- GEOG 4553 - Geographic Information System 4 Credit Hours
- GEOG 4083 - Faculty-Mentored Research 1.0 - 3.0 Credit Hours
- GEOG 4084 - Geography Capstone 3 Credit Hours

General Geography Concentration: 44 Hours

Required Courses: 15 Hours

Select any 3000/4000 level GEOG courses.

3000/4000 Level Electives: 8 Hours

Select from any 3000/4000 level courses except PWLA.

Additional Electives and/or Minor: 21 Hours

Environmental Sustainability: 44 Hours

Required Courses: 9-15 Hours

- GEOG 1112 - Weather and Climate 3 Credit Hours (if not taken in Core IMPACTS Area T or Field of Study)
- GEOG 2202 - Environmental Science 3 Credit Hours (if not taken in Core IMPACTS Area T or Field of Study)
- GEOG 3405 - Geographies of Sustainability 3 Credit Hours
- GEOG 4700 - Global Environmental Change 3 Credit Hours

Required Approved Courses: 9 Hours

3000/4000 level courses in any discipline as approved by advisor.

3000/4000 Level Electives: 5 Hours

Select from any 3000/4000 level courses except PWLA.

Additional Electives and/or Minor: 15-21 Hours

Geographic Information Science: 44 Hours

Required Courses: 8 Hours

- GEOG 3563 - Remote Sensing and GIS Integration 4 Credit Hours
- GEOG 4554 - Computer Cartography 4 Credit Hours

Any Three of the Following: 12 Hours

- GEOG 4562 - Airphoto Interpretation and Photogrammetry 4 Credit Hours
- GEOG 4564 - Contemporary Remote Sensing Applications 4 Credit Hours
- GEOG 4753 - Contemporary GIS Applications 4 Credit Hours
- GEOG 4755 - GIS Database Design 4 Credit Hours
- GEOG 4757 - Programming and Customization in GIS 4 Credit Hours
- GEOG 4893 - Practicum in GIS 4 Credit Hours

3000/4000 Level Electives: 3 Hours

Select from any 3000/4000 level courses except PWLA.

Additional Electives and/or Minor: 21 Hours

ABM in Geography (BS) to Master in Arts and Teaching

Required Courses: 10 Hours

- GEOG 1112 - Weather and Climate 3 Credit Hours (if not taken in Core IMPACTS Area T or Field of Study)
- GEOG 2202 - Environmental Science 3 Credit Hours (if not taken in Core IMPACTS Area T or Field of Study)
- GEOG 3405 - Geographies of Sustainability 3 Credit Hours
- GEOG 3100 - Introduction to Science Pedagogy 1 Credit Hours
- GEOG 4411 - Scientific Communication 3 Credit Hours Can be taken as graduate level course GEOG 5411
- GEOG 4700 - Global Environmental Change 3 Credit Hours

3000/4000 Level Electives and/or Minor: 34 Hours

Select from any 3000/4000 level courses except PWLA

Major: 60 Hours

Total: 120 Hours

Physics Major with a Pathway to MAT, B.S.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Students are advised to select

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours in Core IMPACTS Area M and
- MATH 1634 - Calculus I 4 Credit Hours in Core IMPACTS area T.
  It is recommended that students select
- XIDS 2001 - What do you really know about: XXX (Special Topics) 1 Credit Hours The Physical Universe, in area B and
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours in Core IMPACTS area T

Field of Study: 18 Hours

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours (1 of 4)
- MATH 1634 - Calculus I 4 Credit Hours (1 of 4)
- MATH 2644 - Calculus II 4 Credit Hours
- MATH 2654 - Calculus III 4 Credit Hours

- PHYS 2211 - Principles of Physics I 3 Credit Hours
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
- PHYS 2212 - Principles of Physics II 3 Credit Hours
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Courses required for the degree: 60 Hours

- PHYS 3113 - Mechanics 3 Credit Hours
- PHYS 3213 - Thermodynamics 3 Credit Hours
- PHYS 3313 - Electricity and Magnetism 3 Credit Hours
- PHYS 3511 - Experimental Physics I 1 Credit Hours
- PHYS 3503 - Modern Physics 3 Credit Hours
- MATH 3303 - Ordinary Differential Equations 3 Credit Hours
- PHYS 3100 - Introduction to Science Pedagogy 1 Credit Hours
- PHYS 4411 - Scientific Communication 3 Credit Hours *Non-ABM students only
- PHYS 5411 Scientific Communication 3 Credit Hours *ABM Students only

Fifteen hours selected from:

- PHYS 3013 - Basic Electronics 3 Credit Hours
- PHYS 3023 - Digital Electronics 3 Credit Hours
- PHYS 3413 - Optics 3 Credit Hours
- PHYS 3521 - Experimental Physics II 1 Credit Hours
- PHYS 4323 - Nuclear Physics 3 Credit Hours
- PHYS 4333 - Quantum Mechanics 3 Credit Hours
- PHYS 4513 - Mathematical Physics 3 Credit Hours
- PHYS 4523 - Computational Physics 3 Credit Hours
- PHYS 4683 - Physics Research 1.0 - 3.0 Credit Hours
- ASTR 3133 - Observational Astronomy 3 Credit Hours
- ASTR 3683 - Astronomy Research 1-2 Credit Hours
- ASTR 4103 - Stellar Astrophysics 3 Credit Hours
- ASTR 4433 - Galaxies and Cosmology 3 Credit Hours
- MATH 3303 - Ordinary Differential Equations 3 Credit Hours
- PHYS 3113 - Mechanics 3 Credit Hours
- PHYS 3313 - Electricity and Magnetism 3 Credit Hours
- PHYS 4413 - Introduction to Solid State Physics 3 Credit Hours
- PHYS 4984 - Physics Seminar 1 Credit Hours

Note that nine hours must be selected from:

(If not taken in Core IMPACTS Area T)

- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours

One hour of The Physical Universe

(If not taken in Core IMPACTS Area I)

- XIDS 2001 - What do you really know about: XXX (Special Topics) 1 Credit Hours

Complete these prior to admission to Teacher Certification (MAT):

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education 3 Credit Hours
- EDUC 2130 - Exploring Learning and Teaching 3 Credit Hours
- MEDT 2501 - Multiple Literacies for Ed. 3 Credit Hours
  *Take MEDT 2501 or EDUC 2100
- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours

Electives: 15 Hours

Must include enough upper-level hours to make a total of at least 39 hours.

Total Plan D: 120

Minimum 2.7 GPA required for enrollment in MAT

Minimum 3.2 GPA required for enrollment in ABM (Accelerated Bachelors to Masters)

Physics, Astronomy Concentration, B.S.

The B.S. in Physics with a Concentration in Astronomy is a modification of Plan A, the general physics major track, to emphasize observational astronomy and stellar and galactic astrophysics. This concentration is designed for students who plan to pursue graduate studies and/or careers in astronomy and astrophysics, as well as for students who desire an increased emphasis on image processing techniques and radiative processes and energy transport.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

(Students are advised to select MATH 1113 in Core IMPACTS Area M and MATH 1634 in Core IMPACTS area T. In Plans A,B, E, F, G, and the Astronomy concentration, it is advised that students select XIDS 2001 (The Physical Universe) in Core IMPACTS Area I and CHEM 1211 + CHEM 1211L and CHEM 1212 + CHEM 1212L in Core IMPACTS Area T.)

Field of Study: 18 Hours

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours (1 of 4)
- MATH 1634 - Calculus I 4 Credit Hours (1 of 4)
- MATH 2644 - Calculus II 4 Credit Hours

- MATH 2654 - Calculus III 4 Credit Hours
- PHYS 2211 - Principles of Physics I 3 Credit Hours
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
- PHYS 2212 - Principles of Physics II 3 Credit Hours
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Courses Required for the Degree: 45-54 Hours

- PHYS 3113 - Mechanics 3 Credit Hours
- PHYS 3213 - Thermodynamics 3 Credit Hours
- PHYS 3313 - Electricity and Magnetism 3 Credit Hours
- PHYS 3503 - Modern Physics 3 Credit Hours
- MATH 3303 - Ordinary Differential Equations 3 Credit Hours
- XIDS 2001 - What do you really know about: XXX (Special Topics) 1 Credit Hours (The Physical Universe, if not completed in Core IMPACTS Area I)
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours (if not completed in Core IMPACTS Area T)

Ten Hours Selected From

Astronomy Concentration Core.
At least 7 credit hours in this area must have the ASTR prefix. That is, either PHYS 4323 or PHYS 4333 (but not both) may count toward the 10 hours.

- ASTR 3133 - Observational Astronomy 3 Credit Hours
- ASTR 3683 - Astronomy Research 1-2 Credit Hours
- ASTR 4103 - Stellar Astrophysics 3 Credit Hours
- ASTR 4433 - Galaxies and Cosmology 3 Credit Hours
- ASTR 4984 - Introduction to Astrophysical Literature 1 Credit Hours
- PHYS 4323 - Nuclear Physics 3 Credit Hours OR
- PHYS 4333 - Quantum Mechanics 3 Credit Hours

Nine Hours Selected From:

Math Electives

- MATH 2853 - Elementary Linear Algebra 3 Credit Hours
- MATH 3353 - Methods of Applied Mathematics 3 Credit Hours
- MATH 3413 - Survey of Modern Algebra 3 Credit Hours
- MATH 4003 - Dynamical Systems 3 Credit Hours
- MATH 4013 - Numerical Analysis 3 Credit Hours
- MATH 4203 - Mathematical Probability 3 Credit Hours
- MATH 4213 - Mathematical Statistics 3 Credit Hours
- MATH 4313 - Advanced Ordinary Differential Equations 3 Credit Hours
- MATH 4363 - Partial Differential Equations 3 Credit Hours

Fifteen Additional Hours Selected From:

- PHYS 3013 - Basic Electronics 3 Credit Hours
- PHYS 3023 - Digital Electronics 3 Credit Hours
- PHYS 3413 - Optics 3 Credit Hours
- PHYS 4323 - Nuclear Physics 3 Credit Hours
- PHYS 4333 - Quantum Mechanics 3 Credit Hours
- PHYS 4413 - Introduction to Solid State Physics 3 Credit Hours
- PHYS 4683 - Physics Research 1.0 - 3.0 Credit Hours
- ASTR 2313 - Astronomy 3 Credit Hours
- ASTR 3683 - Astronomy Research 1-2 Credit Hours
- ASTR 4984 - Introduction to Astrophysical Literature 1 Credit Hours
- PHYS 3511 - Experimental Physics I 1 Credit Hours
- PHYS 3521 - Experimental Physics II 1 Credit Hours
- PHYS 4513 - Mathematical Physics 3 Credit Hours
- PHYS 4523 - Computational Physics 3 Credit Hours

Electives: 6-15 Hours

Must include enough upper level hours to make a total of at least 39.

Total: 120 Hours

Physics, Battery Technology and Sustainable Energy Concentration, B.S.

The B.S. in Physics with a Concentration in Battery Technology and Sustainable Energy is a modification of the general physics major track, to emphasize battery technology and its applications in power distribution networks and transportation, such as electric vehicles.
This concentration is designed for students who plan to pursue careers in energy production and energy storage industries.

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements: (42 Hours)

(Students are advised to select MATH 1113 in Core IMPACTS Area M and MATH 1634 in Core IMPACTS Area T. In Plans A,B, E, F, and G, it is advised that students select XIDS 2001 (The Physical Universe) in Core IMPACTS Area I and CHEM 1211 + CHEM 1211L and CHEM 1212 + CHEM 1212L in Core IMPACTS Area T.)

Field of Study: 18 Hours

(Comment: 1 hour from MATH 1113 and 1 hour from MATH 1634 should be added here.)

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours (1 of 4)
- MATH 1634 - Calculus I 4 Credit Hours (1 of 4)
- MATH 2644 - Calculus II 4 Credit Hours
- MATH 2654 - Calculus III 4 Credit Hours
- PHYS 2211 - Principles of Physics I 3 Credit Hours
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
- PHYS 2212 - Principles of Physics II 3 Credit Hours
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Courses required for the degree: 45-54 Hours

- PHYS 3113 - Mechanics 3 Credit Hours
- PHYS 3213 - Thermodynamics 3 Credit Hours
- PHYS 3313 - Electricity and Magnetism 3 Credit Hours
- PHYS 3503 - Modern Physics 3 Credit Hours
- MATH 3303 - Ordinary Differential Equations 3 Credit Hours
- XIDS 2001 - What do you really know about: XXX (Special Topics) 1 Credit Hours (The Physical Universe, if not completed in Core IMPACTS Area I)
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211K - Principles of Chemistry I and Lab 4 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours (if not completed in Core IMPACTS Area T)

Six hours selected from?

- MATH 2853 - Elementary Linear Algebra 3 Credit Hours
- CHEM 3310K - Analytical Chemistry 4 Credit Hours
- CHEM 3510 - Survey of Physical Chemistry 3 Credit Hours

Twelve hours selected from:

- PHYS 3013 - Basic Electronics 3 Credit Hours
- PHYS 3413 - Optics 3 Credit Hours
- PHYS 4323 - Nuclear Physics 3 Credit Hours
- PHYS 4333 - Quantum Mechanics 3 Credit Hours
- PHYS 4413 - Introduction to Solid State Physics 3 Credit Hours
- PHYS 4683 - Physics Research 1.0 - 3.0 Credit Hours
- PHYS 3510 - Experimental Physics 2 Credit Hours
- PHYS 4513 - Mathematical Physics 3 Credit Hours
- PHYS 4523 - Computational Physics 3 Credit Hours
- PHYS 4984 - Physics Seminar 1 Credit Hours

Electives: 14 Hours

Must include enough upper level hours to make a total of at least 39.

13 Hours Selected From:

- PHYS 3513 - Power Distribution Sources and Networks 3 Credit Hours
- PHYS 3613 - Battery Technology and Design 3 Credit Hours
- PHYS 3813 - Electronic Systems Design in Vehicles 3 Credit Hours
- PHYS 4624 - Advanced Battery Technology and Design 4 Credit Hours

Total: 120 Hours

Physics, Plan A, Physics General Track, B.S.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

(Students are advised to select MATH 1113 in Core IMPACTS Area M and MATH 1634 in Core IMPACTS Area T. In Plans A,B, E, F, and G, it is advised that students select XIDS 2001 (The Physical Universe) in Core IMPACTS Area I and CHEM 1211 + CHEM 1211L and CHEM 1212 + CHEM 1212L in Core IMPACTS Area T.)

Field of Study: 18 Hours

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours (1 of 4)
- MATH 1634 - Calculus I 4 Credit Hours (1 of 4)
- MATH 2644 - Calculus II 4 Credit Hours
- MATH 2654 - Calculus III 4 Credit Hours
- PHYS 2211 - Principles of Physics I 3 Credit Hours
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
- PHYS 2212 - Principles of Physics II 3 Credit Hours
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Courses required for the degree: 45-54 Hours

- PHYS 3113 - Mechanics 3 Credit Hours
- PHYS 3213 - Thermodynamics 3 Credit Hours
- PHYS 3313 - Electricity and Magnetism 3 Credit Hours
- PHYS 3503 - Modern Physics 3 Credit Hours
- PHYS 3511 - Experimental Physics I 1 Credit Hours
- PHYS 3521 - Experimental Physics II 1 Credit Hours
- MATH 3303 - Ordinary Differential Equations 3 Credit Hours
- PHYS 4984 - Physics Seminar 1 Credit Hours
- PHYS 4513 - Mathematical Physics 3 Credit Hours
- PHYS 4523 - Computational Physics 3 Credit Hours
- XIDS 2001 - What do you really know about: XXX (Special Topics) 1 Credit Hours (The Physical Universe, if not completed in Core IMPACTS Area I)

- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours (if not completed in Core IMPACTS Area T)

Six hours selected from:

- Foreign Language
- MATH 2853 - Elementary Linear Algebra 3 Credit Hours
- MATH 3003 - Transition to Advanced Mathematics 3 Credit Hours
- MATH 3353 - Methods of Applied Mathematics 3 Credit Hours
- MATH 4013 - Numerical Analysis 3 Credit Hours
- MATH 4153 - Applied Mathematical Modeling 3 Credit Hours
- MATH 4203 - Mathematical Probability 3 Credit Hours
- MATH 4313 - Advanced Ordinary Differential Equations 3 Credit Hours
- MATH 4363 - Partial Differential Equations 3 Credit Hours

Fifteen additional hours selected from:

- PHYS 3013 - Basic Electronics 3 Credit Hours
- PHYS 3023 - Digital Electronics 3 Credit Hours
- PHYS 3413 - Optics 3 Credit Hours
- PHYS 4103 - Astrophysics 3 Credit Hours
- PHYS 4323 - Nuclear Physics 3 Credit Hours
- PHYS 4333 - Quantum Mechanics 3 Credit Hours
- PHYS 4413 - Introduction to Solid State Physics 3 Credit Hours
- PHYS 4683 - Physics Research 1.0 - 3.0 Credit Hours

Electives: 6-15 Hours

Must include enough upper level hours to make a total of at least 39.

Total: 120 Hours

Physics, Plan B (Engineering Dual Degree), B.S.

This is a "3+2," or Dual Degree, program that allows a student in approximately 5 academic years to obtain both a Bachelor of Science degree in Physics from the University of West Georgia and an engineering degree from Kennesaw State University. After completing the academic requirements of the two participating institutions, the student shall be awarded two bachelor's degrees from the University of West Georgia and Kennesaw State University.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Students are advised to select

- MATH 1634 - Calculus I 4 Credit Hours in Core IMPACTS Area M and
- MATH 2644 - Calculus II 4 Credit Hours in Core IMPACTS Area T.
  In Plans A, B, E, F, and G, it is advised that students select
- XIDS 2001 - What do you really know about: XXX (Special Topics) 1 Credit Hours (The Physical Universe) in Core IMPACTS Area I,
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours in Core IMPACTS Area T.

Field of Study: 18 Hours

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours (1 of 4)
- MATH 1634 - Calculus I 4 Credit Hours (1 of 4)
- MATH 2644 - Calculus II 4 Credit Hours
- MATH 2654 - Calculus III 4 Credit Hours
- PHYS 2211 - Principles of Physics I 3 Credit Hours
- PHYS 2212 - Principles of Physics II 3 Credit Hours
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Courses required for the degree: 30-39 Hours

- PHYS 3113 - Mechanics 3 Credit Hours
- PHYS 3213 - Thermodynamics 3 Credit Hours
- PHYS 3313 - Electricity and Magnetism 3 Credit Hours
- PHYS 3503 - Modern Physics 3 Credit Hours
- MATH 3303 - Ordinary Differential Equations 3 Credit Hours
- XIDS 2001 - What do you really know about: XXX (Special Topics) 1 Credit Hours (The Physical Universe) (if not completed in Core IMPACTS Area I)
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours (if not completed in Core IMPACTS Area T)

Six hours selected from:

- PHYS 4513 - Mathematical Physics 3 Credit Hours
- PHYS 4523 - Computational Physics 3 Credit Hours
- MATH 2853 - Elementary Linear Algebra 3 Credit Hours
- MATH 3063 - Applied Statistics 3 Credit Hours
- MATH 3353 - Methods of Applied Mathematics 3 Credit Hours
- MATH 3003 - Transition to Advanced Mathematics 3 Credit Hours
- MATH 4203 - Mathematical Probability 3 Credit Hours
- MATH 4313 - Advanced Ordinary Differential Equations 3 Credit Hours

- FL

Nine hours selected from: 9 Hours

- PHYS 3013 - Basic Electronics 3 Credit Hours
- PHYS 3023 - Digital Electronics 3 Credit Hours
- PHYS 3413 - Optics 3 Credit Hours
- PHYS 4323 - Nuclear Physics 3 Credit Hours
- PHYS 4333 - Quantum Mechanics 3 Credit Hours
- PHYS 4413 - Introduction to Solid State Physics 3 Credit Hours
- PHYS 4513 - Mathematical Physics 3 Credit Hours
- PHYS 4523 - Computational Physics 3 Credit Hours
- PHYS 4683 - Physics Research 1.0 - 3.0 Credit Hours
- CS 1301 - Computer Science I 4 Credit Hours

X number of hours at Kennesaw State University: 21-30 Hours

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 Hours

Physics, Plan C - Physics with a Concentration in Business, B.S.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

(Students are advised to select MATH 1113 in Core IMPACTS Area M and MATH 1634 in Core IMPACTS Area T.

It is advised that students select:

- XIDS 2001 - What do you really know about: XXX (Special Topics) 1 Credit Hours (The Physical Universe) in Core IMPACTS Area I

Any two lab based courses from:

- BIOL 1107 - Principles of Biology I 3 Credit Hours
  (+)
- BIOL 1107L - Principles of Biology I Laboratory 1 Credit Hours
- BIOL 1108 - Principles of Biology II 3 Credit Hours
  (+)
- BIOL 1108L - Principles of Biology II Laboratory 1 Credit Hours
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
  (+)

- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours **(+)**
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
- GEOL 1121 - Exploring Earth 3 Credit Hours **(+)**
- GEOL 1121L - Exploring Earth Laboratory 1 Credit Hours
- GEOL 1122 - Earth and Life Through Time 3 Credit Hours **(+)**
- GEOL 1122L - Earth and Life Through Time Laboratory 1 Credit Hours in Core IMPACTS Area T

And either:

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours **(or)**
- ECON 2106 - Principles of Microeconomics 3 Credit Hours in Core IMPACTS Area S

Field of Study: 18 Hours

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours (1 of 4)
- MATH 1634 - Calculus I 4 Credit Hours (1 of 4)
- MATH 2644 - Calculus II 4 Credit Hours
- MATH 2654 - Calculus III 4 Credit Hours
- PHYS 2211 - Principles of Physics I 3 Credit Hours
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
- PHYS 2212 - Principles of Physics II 3 Credit Hours
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Courses required for the degree: 60 Hours

- PHYS 3213 - Thermodynamics 3 Credit Hours
- PHYS 3511 - Experimental Physics I 1 Credit Hours
- PHYS 3521 - Experimental Physics II 1 Credit Hours
- PHYS 3503 - Modern Physics 3 Credit Hours
- PHYS 4984 - Physics Seminar 1 Credit Hours

- MATH 3063 - Applied Statistics 3 Credit Hours
- (Replaces ECON 3402 - Statistics for Business I 3 Credit Hours)

- Foreign Language (six hours)
- CS 1301 - Computer Science I 4 Credit Hours

Fifteen hours selected from:

- ASTR 2313 - Astronomy 3 Credit Hours
- MATH 3303 - Ordinary Differential Equations 3 Credit Hours
- PHYS 3013 - Basic Electronics 3 Credit Hours
- PHYS 3113 - Mechanics 3 Credit Hours

- PHYS 3313 - Electricity and Magnetism 3 Credit Hours
- PHYS 3413 - Optics 3 Credit Hours
- PHYS 4103 - Astrophysics 3 Credit Hours
- PHYS 4333 - Quantum Mechanics 3 Credit Hours
- PHYS 4413 - Introduction to Solid State Physics 3 Credit Hours
- PHYS 4513 - Mathematical Physics 3 Credit Hours
- PHYS 4523 - Computational Physics 3 Credit Hours
- PHYS 4683 - Physics Research 1.0 - 3.0 Credit Hours

Concentration Courses

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours
- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours
- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours
- CISM 3330 - Management of Information Systems 3 Credit Hours
- FINC 3511 - Corporate Finance 3 Credit Hours

Total Plan C: 120

Physics, Plan E - Computational Physics Emphasis, B.S.

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). Students must fulfill all general and program 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.

Requirement

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 - Mathematical Physics 3 Credit Hours
- PHYS 4523 - Computational Physics 3 Credit Hours
- PHYS 4683 - Physics Research 1.0 - 3.0 Credit Hours
- MATH 4013 - Numerical Analysis 3 Credit Hours
- CS 1301 - Computer Science I 4 Credit Hours

Physics, Plan F - Electro-Optics Emphasis, B.S.

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). Students must fulfill all general and program 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.

Requirement

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 - Basic Electronics 3 Credit Hours
- PHYS 3413 - Optics 3 Credit Hours
- PHYS 3424 - Advanced Optics 4 Credit Hours
- PHYS 4333 - Quantum Mechanics 3 Credit Hours
- PHYS 4683 - Physics Research 1.0 - 3.0 Credit Hours

Physics, Plan G - Solid State Emphasis, B.S.

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). Students must fulfill all general and program 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.

Emphasis

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 - Basic Electronics 3 Credit Hours
- PHYS 3023 - Digital Electronics 3 Credit Hours *****
- PHYS 3913 - Special Topics in Electronics 1.0 - 3.0 Credit Hours
- PHYS 4333 - Quantum Mechanics 3 Credit Hours
- PHYS 4413 - Introduction to Solid State Physics 3 Credit Hours
- PHYS 4683 - Physics Research 1.0 - 3.0 Credit Hours

Note:

* **(or)** *PHYS 4523 or PHYS 3413*

Embedded Certificates

Embedded Certificate in Atmospheric Science

The Atmospheric Science Certificate provides a rigorous foundation in the workings of the atmosphere allowing students to study variability in and understand changes in the modern atmosphere. The curriculum of this program will provide an understanding of atmospheric processes, both past and present, and their impacts on natural ecosystems and society through studies in climate and weather variability and biosphere-atmosphere interactions.

This is an embedded undergraduate certificate open to any major.

Learning Outcomes

1. Students will demonstrate understanding of fundamental processes involved in weather systems and climate change.
2. Students will demonstrate mastery of visualization and analysis techniques to examine data relevant to atmospheric science.
3. Students will analyze how processes in atmospheric science can impact society.

Required Courses

- GEOG 4600 - Applied Climatology 3 Credit Hours
- GEOG 1112 - Weather and Climate 3 Credit Hours
- GEOG 1112L - Weather and Climate Laboratory 1 Credit Hours

Select 2 Courses

GEOG 3563 and GEOG 4564 are focused on techniques, and only 1 of these may be counted as an option.

- GEOG 4564 - Contemporary Remote Sensing Applications 4 Credit Hours
- GEOG 4700 - Global Environmental Change 3 Credit Hours
- GEOG 4900 - Dendrochronology 4 Credit Hours
- GEOG 3563 - Remote Sensing and GIS Integration 4 Credit Hours
- GEOG 3713 - Meteorology 3 Credit Hours
- GEOG 3800 - Biogeography 3 Credit Hours
- GEOG 3900 - Ecological Climatology 3 Credit Hours

Embedded Certificate in Microbiology

Microbiology Certificate Program in Biology, University of West Georgia Certificate
Directors: Dr. Sara J. Molesworth and Dr. William J. Kenyon

Eligibility
• The Microbiology Certificate program is open to all Biology majors, students pursuing either the B.S. or minor in Biology at the University of West Georgia.
• A student may formally apply to the certificate program after successful completion of Microbiology (BIOL 3310) with a grade of "C" or higher.
• Following completion of all program requirements, a certificate will be awarded by the University of West Georgia to acknowledge this academic accomplishment.

• Microbiology Certificate program application packages are available through the University of West Georgia Biology Program.

Learning Outcomes

1. Students will use concepts, principals, and knowledge to demonstrate mastery in two of the following four subject areas: 1. Bacteriology, 2. Microbial genetics, 3. Virology, 4. Immunology.
2. Students will use critical thinking skills or problem based learning skills to demonstrate mastery of the scientific method as pertains to three criteria: 1. Background knowledge, 2. Data analysis, and 3. Experimental design.
3. Students will acquire, organize, and present scientific information in the written or oral form and be judged in terms of three criteria: 1. Scientific content, 2. Comprehension and development of ideas, and 3. Structure and organization of their work.

Requirements (minimum of 14 total credit hours):

Required Course

(prerequisite for all 4000-level electives):

- BIOL 3310 - Microbiology 4 Credit Hours (with a C or better)

Upper-Level Electives (minimum of 10 credit hours):

- BIOL 4315 - Bacterial Genetics 4 Credit Hours
- BIOL 4321 - Applied and Environmental Microbiology 4 Credit Hours
- BIOL 4325 - Advanced Medical Microbiology 3 Credit Hours
- BIOL 4728 - Bacterial Pathogenesis 4 Credit Hours
- BIOL 4730 - Emerging Pathogens 4 Credit Hours
- BIOL 4727 - Essentials of Immunology 4 Credit Hours

A maximum of 2 credit hours from each of the following elective courses can be counted toward the certificate.

- BIOL 4983 - Advanced Undergraduate Biology Research 1.0 - 4.0 Credit Hours (with an approved placement)
- BIOL 4986 - Biological Internship 1.0 - 4.0 Credit Hours (with an approved placement)

NOTES:

- Credit hours from courses taken to fulfill the Microbiology Certificate also count toward the B.S. in Biology and the Biology minor. Furthermore, certificate requirements do not change the degree requirements for the B.S. in Biology and the Biology minor.
- An equivalent course to BIOL 3310 from a different institution may be acceptable upon approval by certificate directors.

Embedded Certificate in Wildlife Ecology

The embedded certificate in wildlife ecology includes coursework on the biota, habitat, and human dimensions of wildlife conservation and management. This certificate provides a curriculum focus for students interested in wildlife biology, ecology, natural resources, zoology, botany, veterinary science, and environmental health. The certificate can be easily combined with a major or minor in biology or the BIS pathway in natural resources management to provide a specialization. The UWG Biology Program has a full range of hands-on wildlife ecology courses, including specialized topics such as fire ecology, wildlife techniques, and habitat management. All certificate courses are offered yearly with available options every semester. There is an existing student Wildlife Club at UWG to provide additional support, mentoring, and recruitment for the certificate program.

Co-directors

Dr. Andrew Edelman, Associate Professor of Biology, Certified Wildlife Biologist

Dr. Joseph Hendricks, Professor of Biology

Coursework Requirements

A Minimum of 15 Total Credit Hours. Credit hours from courses taken to fulfill the certificate also count toward the B.S. in Biology, Biology minor, and BIS pathway in natural resources management. Furthermore, certificate requirements do not change the degree requirements for any of these programs.

Required Course

Must achieve at least a C grade.

- BIOL 3135 - Ecology 4 Credit Hours

Upper-level electives

Complete a minimum of 11 3000/4000 credit hours from the following courses. Must achieve at least a grade of C or Satisfactory in each course. BIOL 4983 & 4986 require an approved placement.

- BIOL 4424 - Wildlife Habitat Ecology 4 Credit Hours
- BIOL 4425 - Fire Ecology 4 Credit Hours
- BIOL 4427 - Conservation Biology 4 Credit Hours
- BIOL 4430 - Wildlife Techniques 3 Credit Hours
- BIOL 4450 - Terrestrial Ecology 4 Credit Hours
- BIOL 4983 - Advanced Undergraduate Biology Research 1.0 - 4.0 Credit Hours
- BIOL 4986 - Biological Internship 1.0 - 4.0 Credit Hours

Stand Alone Certificates

Certificate of Less than One Year in Stream Restoration

The Stream Restoration Certificate will provide skills necessary for graduates to gain a foothold in the interdisciplinary field of Stream Restoration. The certificate, developed in cooperation with professionals in the field, requires key courses in biology, geology and geography. It will typically be undertaken by students majoring in one of the aforementioned disciplines but that is not a requirement.

Required Courses

- BIOL 4440 - Aquatic Ecology 4 Credit Hours
- GEOG 4564 - Contemporary Remote Sensing Applications 4 Credit Hours
- GEOL 4003 - Geomorphology 3 Credit Hours

Choose two of the following

- BIOL 3223 - Vascular Plants 4 Credit Hours
- BIOL 4424 - Wildlife Habitat Ecology 4 Credit Hours
- BIOL 4985 - Special Topics in Biology 1.0 - 4.0 Credit Hours
- GEOG 4103 - Soil Science 3 Credit Hours
- GEOL 4084 - Hydrogeology 4 Credit Hours

Minor

Biology Minor

Requirements

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 - Principles of Biology I 3 Credit Hours
- BIOL 1108 - Principles of Biology II 3 Credit Hours
- BIOL 2107 - Principles of Biology I for Biology Majors 3 Credit Hours
- BIOL 2108 - Principles of Biology II for Biology Majors 3 Credit Hours
  with their laboratories and at least three upper division courses in biology.

Note:

Only courses that apply toward the major in biology may be applied toward the minor.

Chemistry Minor

Students with majors in other disciplines may complete a Minor in Chemistry.

Requirements

To minor in Chemistry, students must take:

- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
- 9 credit hours of CHEM Electives 3000 or above

Total: 17 Hours

* The following courses are not allowed as Chemistry electives:

- CHEM 4081 - Independent Study 1.0 - 3.0 Credit Hours
- CHEM 4083 - Faculty Directed Research 1.0 - 3.0 Credit Hours
- CHEM 4086 - Internship in Chemistry 1.0 - 3.0 Credit Hours

Environmental Studies Minor

Required Courses: 15 Hours

- GEOG 2202 - Environmental Science 3 Credit Hours **(or)**
- ENVS 2202 - Environmental Science 3 Credit Hours **(or)**
- XIDS 2202 - Environmental Studies 3 Credit Hours
- 12 credit hours of 3000/4000 level coursework approved by program coordinator.

Total: 15 Hours

Geographic Information Systems Minor

Requirements

Students pursuing a BS Degree in Geography with a concentration in Geographic Information Systems may not earn the minor.

Required Courses: 12 Hours

- GEOG 4553 - Geographic Information System 4 Credit Hours
- GEOG 3563 - Remote Sensing and GIS Integration 4 Credit Hours
- GEOG 4753 - Contemporary GIS Applications 4 Credit Hours

One of the following: 3-4 Hours

- GEOG 4554 - Computer Cartography 4 Credit Hours
- GEOG 4562 - Airphoto Interpretation and Photogrammetry 4 Credit Hours
- GEOG 4086 - Internship 1-3 Credit Hours
- GEOG 4564 - Contemporary Remote Sensing Applications 4 Credit Hours

Total: 15 Hours

Geography Minor

Requirements

- Any 15 hours of courses in Geography numbered 3000 or above.

Total: 15 Hours

Geology Minor

Requirements

Students with majors in other disciplines may complete a minor in geology. The minor requires 15 hours of geology courses at the 2000- or 3000- or 4000-level with at least nine of those hours at the 3000- or 4000-level.

Total: 15 Hours

Physics Minor

Requirements

Along with the Principles of Physics Courses and their associated labs listed below, any 9 credit hours of 3000/4000 level physics and astronomy courses can be selected.

- PHYS 2211 - Principles of Physics I 3 Credit Hours
- PHYS 2212 - Principles of Physics II 3 Credit Hours
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours
- PHYS 2212L - Principles of Physics II Laboratory 1 Credit Hours

Total: 17 Hours

Pre-Professional Studies

Pharmacy

The students in this program should expect to spend three years at the University of West Georgia before transferring to the pharmacy school of their 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 (chosen frequently by students in this program). The third year is primarily Biology courses such as Microbiology, Anatomy & Physiology, Biochemistry, etc.

Requirement

Core Curriculum Areas A, B, C, & E: 42 Hours

Core Curriculum

Core Area A must include:

- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours **(or)**
- MATH 1634 - Calculus I 4 Credit Hours *

Core Area B must include:

- COMM 1110 - Public Speaking 3 Credit Hours

Core Area D must include:

- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
- CHEM 1211L - Principles of Chemistry I Lab 1 Credit Hours
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours
- CHEM 1212L - Principles of Chemistry II Lab 1 Credit Hours
- MATH 1634 - Calculus I 4 Credit Hours *

Core Area E must include:

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours **(or)**
- ECON 2106 - Principles of Microeconomics 3 Credit Hours

Core Area F: Courses specific to the major:

- CHEM 2411 - Organic Chemistry I 3 Credit Hours
- CHEM 2411L - Organic Chemistry I Laboratory 1 Credit Hours
- CHEM 3422 - Organic Chemistry II 3 Credit Hours
- CHEM 3422L - Organic Chemistry II Laboratory 1 Credit Hours
- BIOL 1107 - Principles of Biology I 3 Credit Hours
- BIOL 1107L - Principles of Biology I Laboratory 1 Credit Hours
- BIOL 1108 - Principles of Biology II 3 Credit Hours
- BIOL 1108L - Principles of Biology II Laboratory 1 Credit Hours
- MATH 1401 - Elementary Statistics 3 Credit Hours ****
- Math credit from Area A and D 2

Note:

* (2 hours moved to Area F)

**** *Mercer University requires the following:*

- PHYS 1111 - Introductory Physics I 3 Credit Hours
- PHYS 1111L - Introductory Physics I Laboratory 1 Credit Hours
- PHYS 2211 - Principles of Physics I 3 Credit Hours
- PHYS 2211L - Principles of Physics I Laboratory 1 Credit Hours

Honors College

Karen Owen, Dean
http://www.westga.edu/honors/
678-839-6636

The Honors College includes all Honors curriculum and activities, the Office of Undergraduate Research and is the clearing house for Presidential Scholarships and the Select Student program.

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, 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.

Honors College Admissions Criteria

The Honors College invites all First-Year and Transfer students who have been accepted to the University of West Georgia through General Admissions to apply to the Honors College based on the below listed Eligibility Requirements.

Incoming First-Year Students

First-Year Student Admission to the Honors College is based on a holistic evaluation of each applicant.

Typically, students admitted to the Honors College have had at least a 3.5 high school GPA, have exhibited extra-curricular engagement, and have submitted a personal statement. Admission is competitive.

Transfer Applicants:

A Transfer student who wishes to be considered for the Honors College must meet the following minimum criteria:

- 3.2 Transfer GPA
- 15 college credit hours earned

Transfer students who completed Honors coursework at other Honors Programs or Colleges may be eligible to have those Transfer Honors credits used for their UWG Honors College graduation requirements.

Continuing UWG Students:

A current University of West Georgia student who wishes to be considered for the Honors College must meet the following minimum criteria:

- 3.2 Overall GPA
- 15 college credit hours earned

Current UWG students are encouraged to apply to the Honors College before completion of 60 credit hours in order to complete the Honors College graduation requirements.

For additional details and the Honors College application deadlines, visit the website here: https://www.westga.edu/academics/honors/admissions-criteria.php

Honors College Graduation Requirements

To graduate with Honors College distinction, students must (1) complete between 18-29 credit hours of Honors course work, depending on the number of credit hours completed at the time of the student's application and semester of entry into the program (including at least 2 upper level classes); (2) complete an Honors thesis related to major (3) maintain a minimum grade point average of 3.2 in Honors College courses and in all other academic work; (5) participate in undergraduate research; (6) complete an e-portfolio. 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 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 ongoing, 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, or *Connection and Student Handbook*. Participation in the UWG Honors College is a privilege, as Honors students receive many advantages. Any violation of the University's Honor Code may result in "penalties up to and including" dismissal from the Honors College. All final decisions will be made by the Dean of the Honors College.

Select Students

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

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

- 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.

Presidential Scholarships

Presidential Scholarships are funded by donations to the University managed by the University of West Georgia Foundation. They are awarded to 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, 678-839-6636.

National Scholarships and Fellowships

The Office of Undergraduate Research and the Honors College support all UWG students in application for national scholarships and fellowships, including Fulbright, Gilman, Goldwater, Madison, Truman, and Research Experiences for Undergraduates (REU). We work with students through the entire application process, from identifying national awards that fit their goals, to writing application essays, to obtaining appropriate letters of recommendation.

Undergraduate Research

All undergraduate students have the opportunity to participate in undergraduate research. Undergraduate research is defined as an inquiry, investigation, or creative endeavor by an undergraduate student that enhances the student's knowledge or advances the student's creative abilities and contributes in a meaningful way to the student's chosen discipline. Collaborative research projects allow students to further explore their areas of interest through hands-on work with faculty members. Undergraduate research is not limited to laboratory and scientific settings, although there are many opportunities for research in these areas. New discoveries and contributions can also be made in literature, social sciences, education, business, creative arts, and nursing, which also provide exciting avenues for experiential learning. There are also interdisciplinary opportunities, and students may explore research endeavors in areas outside of their major and/or minor.

Richards College of Business

Christopher K. Johnson, Ph.D., 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

Thought Leadership

Provide thought leadership through intellectual contributions and professional practice that is consistent with our mission and vision and raises the institutional visibility and reputation.

Academic Success

Develop an environment that promotes improved student retention and progression toward graduation.

Relevant Programs

Enhance and create curricular and co-curricular programs and initiatives that align with current and expected industry needs and prepare students for career success.

Global Engagement

Expand the Richards College of Business' international participation by developing programs and partnerships that engage faculty and students in the global business community.

External Engagement

Increase external funding from private donations, grants, and/or contracts to help support student, faculty, and staff success.

Togetherness and Belonging

Maintain and enhance a culture where all students, faculty and staff feel valued, connected, and engaged.

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.

https://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, data intelligence and business analytics, economics, finance, management, management information systems, marketing, and real estate. The College also offers the B.S. degree with a major in economics, and the B.A. degree in international economic affairs. Graduate programs are offered in business administration, professional accounting, applied business analytics, and strategic cybersecurity and information management (see the *Graduate Catalog* for information).

These programs are administered through four departments: (1) Accounting and Finance, (2) Economics, (3) Management, (4) Marketing.

The Richards College of Business at the University of 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 Business Majors.

Note: All Richards College of Business students must be advised in the Richards College Advising Center each semester before attempting to register.

Accreditation

The undergraduate B.B.A. and graduate M.B.A., M.P.Acc., MS.ABA, and MS.SCIM 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 the University of West Georgia are separately accredited by AACSB International.

Policy for Business Majors

All students seeking a business degree at the University of West Georgia must select a major. Business majors who wish to enroll in upper division courses (those numbered 3000 and above) must maintain a 2.0 GPA, complete 45 hours of academic coursework, and complete the following:

BBA - all majors: ENGL 1101 (C or better), MATH 1111 or MATH 1113 (C or better required for MATH 1413), MATH 1413 , ECON 2105 or ECON 2106 , and ACCT 2101 (C or better).

BA International Economic Affairs: ENGL 1101 (C or better), ECON 2105 , and ECON 2106.

BS Economics: ENGL 1101 (C or better), ECON 2105 , and ECON 2106.

Any business major whose cumulative GPA falls below 2.0 will lose the opportunity to enroll in upper division courses except to repeat courses previously taken until the 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 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, management information systems, and marketing

Objective 1: Students will demonstrate a basic knowledge of the fundamental concepts of accounting, economics, finance, the legal environment of business, management, MIS, 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	Department
Accounting (ACCT)	Accounting & Finance
Management Information Systems (CISM)	Management
Data Intelligence and Business Analytics	Economics
Economics (ECON)	Economics
Finance (FINC)	Accounting & Finance
Management (MGNT)	Management
Marketing (MKTG)	Marketing

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.

Bachelor of Science (BS)

Majors	Department
Economics (ECON) **(or)**	Economics
Economics with Secondary Education Certification **	

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.

Bachelor of Arts (BA)

Majors	Department
International Economic Affairs (ECON)	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.

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 ECON 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 3330, CISM 3335, 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 of MKTG courses above the 3000 level.
- To minor in real estate, students must take RELE 3705 , plus twelve (12) hours in real estate courses from RELE 3701, RELE 3711, RELE 3730, RELE 4705, RELE 4706, and RELE 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.

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 local, state, national and international organizations, the College of Business helps facilitate intern opportunities for students who wish to apply their academic training to on-the-job experiences.

Juniors and seniors with at least a 2.5 GPA and 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 their 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 and Graduate School Connection for more information and an application.

Department of Accounting and Finance

Roy Richards Sr. Hall • 678-839-6469
https://www.westga.edu/accfin/

Professors:

R. Best, B. Bird, J. Colley, C. Hodges, L. Liu, M. Yu

Associate Professor:

Y. Cheng

Assistant Professor:

J. Chen

Senior Lecturer:

M. Hopper

Bachelor of Business Administration

Accounting, B.B.A.

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: AACSBI

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.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M

(Grade of C or higher)

Must include:

- MATH 1111 - College Algebra 3 Credit Hours
- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours

Field of Study Required Courses: 18 Hours

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours
- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
- ECON 2106 - Principles of Microeconomics 3 Credit Hours
- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours
- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours

Accounting

Courses required for the degree: 51 Hours

Business Core: 27 Hours

- ABED 3100 - Business Communication 3 Credit Hours
- CISM 3330 - Management of Information Systems 3 Credit Hours
- ECON 3402 - Statistics for Business I 3 Credit Hours
- ECON 3406 - Statistics for Business II 3 Credit Hours
- FINC 3511 - Corporate Finance 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3615 - Operations Management 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours

International Select

- ECON 4450 - International Economics 3 Credit Hours **(or)**
- FINC 4521 - International Finance 3 Credit Hours **(or)**
- MKTG 4866 - International Marketing 3 Credit Hours **(or)**
- MGNT 4625 - International Management 3 Credit Hours

Major Courses: 25 Hours

- ACCT 3212 - Financial Reporting I 3 Credit Hours
- ACCT 3213 - Financial Reporting II 3 Credit Hours
  and
- ACCT 3214 - Financial Reporting III 3 Credit Hours **(or)**
- ACCT 4233 - Strategic Cost Management 3 Credit Hours
  and
- ACCT 3232 - Managerial Accounting 3 Credit Hours
- ACCT 3251 - Income Tax Accounting for Individuals 3 Credit Hours

- ACCT 3285 - Professional Seminar 1 Credit Hours
- ACCT 4241 - Accounting Information Systems 3 Credit Hours
- ACCT 4261 - Auditing 3 Credit Hours
- MGNT 4660 - Strategic Management 3 Credit Hours

Electives: 8 Hours

At least three hours of electives must be in the RCOB

Total: 120 Hours

Finance, B.B.A.

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: AACSBI

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.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M:

(Grade of C or higher)

must include:

- MATH 1111 - College Algebra 3 Credit Hours **(or)**
- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours

Field of Study: 18 Hours

A: 6 Hours

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours

B. 6 Hours

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours

- ECON 2106 - Principles of Microeconomics 3 Credit Hours

C: 3 Hours

- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours

D: 3 Hours

- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours

Finance

Courses required for the degree: 51 Hours

Business Core: 27 Hours

- ABED 3100 - Business Communication 3 Credit Hours
- CISM 3330 - Management of Information Systems 3 Credit Hours
- ECON 3402 - Statistics for Business I 3 Credit Hours
- ECON 3406 - Statistics for Business II 3 Credit Hours
- FINC 3511 - Corporate Finance 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3615 - Operations Management 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours

International Select

- ECON 4450 - International Economics 3 Credit Hours **(or)**
- FINC 4521 - International Finance 3 Credit Hours **(or)**
- MKTG 4866 - International Marketing 3 Credit Hours **(or)**
- MGNT 4625 - International Management 3 Credit Hours

Major Courses: 24 Hours

All finance majors must take ACCT 3232 or ACCT 4202, FINC 4531, FINC 4541, FINC 4561 or FTA 4003, and MGNT 4660. (Students may get credit for either FINC 4561 or FTA 4003, but not both.) In addition, majors must take three FINC selectives, at least two of which must be FINC or FTA classes. Finally, students may wish to pursue a designated concentration in Financial Analytics, Corporate Analytics or Investment Analytics. In such instances, students will have required selectives associated with each concentration.

- ACCT 3232 - Managerial Accounting 3 Credit Hours **(or)**
- ACCT 4202 - Financial Statement Analysis 3 Credit Hours
  (and)
- FINC 4531 - Intermediate Corporate Finance 3 Credit Hours
- FINC 4541 - Investment Analysis 3 Credit Hours
- FINC 4561 - Bank Management 3 Credit Hours
- MGNT 4660 - Strategic Management 3 Credit Hours

General FINC Selectives

At least two selectives must be within the FINC or FTA designations. Students may get credit for either FINC 4561 or FTA 4003 but not both.

- ECON 3460 - Forecasting 3 Credit Hours
- ECON 4410 - Money and Banking 3 Credit Hours
- ECON 4450 - International Economics 3 Credit Hours
- FINC 4521 - International Finance 3 Credit Hours
- FINC 4532 - Problems in Corporate Finance 3 Credit Hours
- FINC 4542 - Portfolio Management 3 Credit Hours
- FINC 4571 - Derivative Markets 3 Credit Hours
- FINC 4585 - Special Topics in Finance 3 Credit Hours
- ACCT 3212 - Financial Reporting I 3 Credit Hours
- ACCT 3251 - Income Tax Accounting for Individuals 3 Credit Hours
- ECON 3408 - Introduction to Programming for Analytics 3 Credit Hours
- ECON 4408 - Visual Analytics 3 Credit Hours
- ECON 4475 - Introduction to Econometrics and Analytics 3 Credit Hours
- FTA 4001 - Foundations of FinTech 3 Credit Hours
- FTA 4002 - Financial Technologies 3 Credit Hours
- FTA 4003 - Commercial Banking and FinTech 3 Credit Hours
- FTA 4005 - Introduction to Financial Data Analytics 3 Credit Hours
- FTA 4100 - Intro to Information Security 3 Credit Hours

Financial Analytics Concentration

Students can obtain a concentration in Financial Analytics. In addition to FINC 4561 or FTA 4003, one of which is required for all Finance majors, students must also take FTA 4001 and two selective classes listed below (one of which must be FTA) to obtain a specific concentration in Financial Analytics.

- FTA 4001 - Foundations of FinTech 3 Credit Hours
  and two of:
- FTA 4002 - Financial Technologies 3 Credit Hours
- FTA 4005 - Introduction to Financial Data Analytics 3 Credit Hours
- FTA 4100 - Intro to Information Security 3 Credit Hours
- ECON 3408 - Introduction to Programming for Analytics 3 Credit Hours
- ECON 4408 - Visual Analytics 3 Credit Hours
- ECON 4475 - Introduction to Econometrics and Analytics 3 Credit Hours

Investment Analytics Concentration

Students can obtain a concentration in Investment Analytics. In addition to FINC 4541, which is required for all Finance majors, students must also take FINC 4542 or FINC 4571 and two selective classes listed below (one of which must be FTA) to obtain a specific concentration in Investment Analytics.
(Students may get credit for either FINC 4561 or FTA 4003, but not both.)

- FINC 4542 - Portfolio Management 3 Credit Hours
  (or)
- FINC 4571 - Derivative Markets 3 Credit Hours

and two of:

- ECON 3408 - Introduction to Programming for Analytics 3 Credit Hours
- ECON 4408 - Visual Analytics 3 Credit Hours
- ECON 4475 - Introduction to Econometrics and Analytics 3 Credit Hours
- FTA 4001 - Foundations of FinTech 3 Credit Hours
- FTA 4002 - Financial Technologies 3 Credit Hours
- FTA 4003 - Commercial Banking and FinTech 3 Credit Hours
- FTA 4005 - Introduction to Financial Data Analytics 3 Credit Hours
- FTA 4100 - Intro to Information Security 3 Credit Hours

Corporate Analytics Concentration

Students can obtain a concentration in Corporate Analytics. In addition to FINC 4531, which is required for all Finance majors, students must also take FINC 4532 and two selective classes listed below (one of which must be FTA) to obtain a specific concentration in Corporate Analytics. (Students may get credit for either FINC 4561 or FTA 4003, but not both.)

- FINC 4532 - Problems in Corporate Finance 3 Credit Hours

and two of

- ECON 3408 - Introduction to Programming for Analytics 3 Credit Hours
- ECON 4408 - Visual Analytics 3 Credit Hours
- ECON 4475 - Introduction to Econometrics and Analytics 3 Credit Hours
- FTA 3860 - Emerging Payment Technologies 3 Credit Hours
- FTA 4100 - Intro to Information Security 3 Credit Hours

Electives: 9 Hours

At least three hours of electives must be in the RCOB

Total: 120 Hours

Minor

Accounting Minor

Requirement

To minor in accounting, students must take:

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours **(and)**
- At least 9 hours above the 3000 level in accounting

Finance Minor

Requirement

To minor in finance, students must take:

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours
- FINC 3511 - Corporate Finance 3 Credit Hours **(and)**
- 6 hours of finance above the 3500 level

Department of Economics

RCOB 1306 • 678-839-6477
http://www.westga.edu/econ/

Professors:

A. Austin, C. Johnson (Dean, RCOB), M. Kassis, H. Patron-Boenheim (Associate Dean), W. Smith (Chair)

Associate Professors:

S. Lopez, L. Peng, M. Sinkey

Assistant Professors:

E. Asker, J. Martin, A. Mobariz

Senior Lecturer:

M Hildebrandt

Lecturer:

R. Galyamov, S. Wofford

Bachelor of Art

International Economic Affairs, B.A.

For International Economic Affairs Majors (B.A.), we expect graduating students will meet learning outcomes listed at https://www.westga.edu/academics/business/economics/academic_programs.php

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

Major Specific Courses

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
- ECON 2106 - Principles of Microeconomics 3 Credit Hours

- Foreign Language through 2002 9
- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours

Courses required for the degree: 42 Hours

Major Courses: 30 Hours

- ECON 3410 - Macroeconomic Policy 3 Credit Hours
- ECON 3411 - Intermediate Microeconomics 3 Credit Hours
- ECON 4410 - Money and Banking 3 Credit Hours
- ECON 4450 - International Economics 3 Credit Hours
- ECON 4484 - Seminar in Economics 3 Credit Hours
- One approved econ elective
- Internship or Approved Global Elective
- Modern foreign history
- One international POLS

One non-ECON international Business

- FINC 4521 - International Finance 3 Credit Hours
- MGNT 3627 - Managing Cultural Differences 3 Credit Hours
- MGNT 4625 - International Management 3 Credit Hours
- MKTG 4866 - International Marketing 3 Credit Hours

Supporting Courses: 12 Hours

- ECON 3402 - Statistics for Business I 3 Credit Hours
- GEOG 1013 - World Geography 3 Credit Hours
  and
- ANTH 1102 - Introduction to Anthropology 3 Credit Hours **(or)**
- XIDS 2301 - Introduction to Global Studies 3 Credit Hours **(or)**
- SOCI 1160 - Introduction to Social Problems 3 Credit Hours
  and
- FORL 2002 or upper division FORL*

Electives: 18 Hours

No more than 18 hours of major or elective courses may be taken in traditional business subjects (ACCT, CISM, FINC, MGNT, MKTG or RELE).

Total: 120 Hours

** 2002 or a 3000-or above language course.*

Bachelor of Business Administration

Data Intelligence and Business Analytics, B.B.A.

This is a Bachelor of Business Administration with a Major in Data Intelligence and Business Analytics. The degree centers around learning different programming, visualization, statistical, and research techniques necessary to analyze many different types of data-driven business problems. In this degree program, students will learn the basics of programming in a variety of languages, including SAS, R, SQL, and Python. They will learn how to use cross-sectional, panel, and time series data to make forecasts, conduct statistical inference, and present results associated with their work. Students will also learn the basics of data mining and data management within the context of SQL and will learn the basics of data visualization within the context of R and Tableau. Additionally, students will learn within the context of a Bachelor's of Business Administration, which allows them to contextualize specific techniques and skills within a broader set of business tenets.

Learning Outcomes

1) Organize and analyze large data sets.

2) Perform basic SQL programming.

3) Perform basic programming tasks in SAS.

4) Build statistical models.

5) Create visual representations of data and statistical models within professional reports.

6) Create professional reports of data analysis and statistical models.

7) Interpret results of statistical analysis.

Requirements

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M

(grade of C or higher)

must include:

- MATH 1111 - College Algebra 3 Credit Hours (or)
- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours

Field of Study: 18 Hours

A: 6 Hours

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours

B: 6 Hours

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
- ECON 2106 - Principles of Microeconomics 3 Credit Hours

C: 3 Hours

- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours

D: 3 Hours

- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours

Required Supporting Courses:

The following courses must be taken as electives if not taken to satisfy the Core requirements:

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
- ECON 2106 - Principles of Microeconomics 3 Credit Hours
- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours
  and
- MATH 1111 - College Algebra 3 Credit Hours (or)
- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours
  and
- MATH 1413 - Survey of Calculus 3 Credit Hours
- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours
- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours

Major Courses

These are the courses that are required as part of the Business Intelligence and Data Analytics Degree.

Business Core: 27 Hours

These classes are required of all Bachelor's in Business Administration majors. Students must complete the 24 hours of coursework listed here and must take one of the four International Select classes.

- ABED 3100 - Business Communication 3 Credit Hours
- CISM 3330 - Management of Information Systems 3 Credit Hours
- ECON 3402 - Statistics for Business I 3 Credit Hours
- ECON 3406 - Statistics for Business II 3 Credit Hours
- FINC 3511 - Corporate Finance 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3615 - Operations Management 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours

International Select Elective: 3 Hours

As part of the Business Core, students must take one of the following international select classes.

- ECON 4450 - International Economics 3 Credit Hours (or)
- MKTG 4866 - International Marketing 3 Credit Hours (or)
- FINC 4521 - International Finance 3 Credit Hours (or)
- MGNT 4625 - International Management 3 Credit Hours

Major Classes: 24 Hours

These are the major classes within the Data Intelligence and Business Analytics Degree. Students must take the seven required classes listed here as well as an "Analytics Select" elective course.

- CISM 3340 - Database Design and Management 3 Credit Hours
- CISM 4390 - Business Intelligence and Data Mining 3 Credit Hours
- ECON 4408 - Visual Analytics 3 Credit Hours
- ECON 4476 - Senior Seminar in Data Intelligence and Business Analytics 3 Credit Hours
- ECON 3408 - Introduction to Programming for Analytics 3 Credit Hours
- ECON 3460 - Forecasting 3 Credit Hours
- MGNT 4660 - Strategic Management 3 Credit Hours

Analytics Select Elective: 3 Hours

Students must complete one of the following electives as part of the Business Intelligence and Data Analytics program.

- ACCT 4233 - Strategic Cost Management 3 Credit Hours (or)
- ACCT 4241 - Accounting Information Systems 3 Credit Hours (or)
- ECON 4475 - Introduction to Econometrics and Analytics 3 Credit Hours (or)
- MGNT 3627 - Managing Cultural Differences 3 Credit Hours (or)
- MGNT 4621 - Human Resource Applications and Analytics 3 Credit Hours (or)
- MKTG 3808 - Business Research 3 Credit Hours (or)
- MKTG 4808 - Marketing Information Systems and Research 3 Credit Hours (or)
- MKTG 4864 - Consumer Behavior 3 Credit Hours (or)
- MKTG 4868 - Marketing Metrics 3 Credit Hours (or)
- RELE 4706 - Residential Appraisal 3 Credit Hours

Electives: 9 Hours

At least one elective must be taken within the RCOB.

Economics, B.B.A.

Accreditation: AACSBI

Learning Outcomes (LO)

For Bachelor of Business Administration (B.B.A.) Economics Majors, we expect graduating students will meet the learning outcomes found at https://www.westga.edu/academics/business/economics/academic_programs.php

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M:

(Grade of C or higher)

must include:

- MATH 1111 - College Algebra 3 Credit Hours **(or)**
- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours

Field of Study: 18 Hours

A: 6 Hours

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours

B: 6 Hours

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
- ECON 2106 - Principles of Microeconomics 3 Credit Hours

C: 3 Hours

- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours

D: 3 Hours

- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours

Major Courses:

Business Core: 27 Hours

- ABED 3100 - Business Communication 3 Credit Hours
- CISM 3330 - Management of Information Systems 3 Credit Hours
- ECON 3402 - Statistics for Business I 3 Credit Hours
- ECON 3406 - Statistics for Business II 3 Credit Hours
- ECON 4420 - Labor Economics 3 Credit Hours
- FINC 3511 - Corporate Finance 3 Credit Hours

- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3615 - Operations Management 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours

International Select

- ECON 4450 - International Economics 3 Credit Hours **(or)**
- FINC 4521 - International Finance 3 Credit Hours **(or)**
- MKTG 4866 - International Marketing 3 Credit Hours **(or)**
- MGNT 4625 - International Management 3 Credit Hours

Major Courses: 24 Hours

- ECON 3410 - Macroeconomic Policy 3 Credit Hours
- ECON 3411 - Intermediate Microeconomics 3 Credit Hours
- ECON 4484 - Seminar in Economics 3 Credit Hours
- 4 ECON electives above 3000
- MGNT 4660 - Strategic Management 3 Credit Hours

Electives: 9 Hours

At least three hours of electives must be in the RCOB

Total: 120 Hours

Bachelor of Science

Economics, B.S.

For Bachelor of Science (B.S.) in Economics Majors, we expect graduating students will meet learning outcomes listed at https://www.westga.edu/academics/business/economics/academic_programs.php

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

Major Specific Courses

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
- ECON 2106 - Principles of Microeconomics 3 Credit Hours
- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours

3 courses from the following (below 3000 level):

ANTH, CS, foreign language, GEOG, HIST, MATH, POLS, SOCI

Courses required for the degree: 42 Hours

Major Courses: 27 Hours

- ECON 3402 - Statistics for Business I 3 Credit Hours
- ECON 3410 - Macroeconomic Policy 3 Credit Hours
- ECON 3411 - Intermediate Microeconomics 3 Credit Hours
- ECON 4484 - Seminar in Economics 3 Credit Hours
- 5 upper division ECON courses

Supporting Courses: 15 Hours

* Courses 3000 or above that form a coherent whole.

These courses must be approved by both the advisor and department chair.

Electives: 18 Hours

No more than 18 hours of supporting or elective courses may be taken in traditional business subjects (ACCT, CISM, FINC, MGNT, MKTG or RELE)

Total: 120 Hours

Embedded Certificates

Embedded Certificate in Data Analytics (DAC)

Rationale

The Undergraduate Data Analytics Certificate (DAC) is a collaborative, cross-disciplinary program. The certificate is designed for students who aspire to work in academic, governmental, non profit, and commercial sectors as data scientists. The demand for data scientists has grown significantly as both private and public organizations generate and collect increasingly larger amounts of data; but the need to collect, analyze, and interpret such data requires a broad set of analytical skills. Through the Data Analytics Certificate, students will receive training in data management, quantitative analysis, and visualization techniques that will allow them to properly collect, contextualize, and communicate findings based on quantitative data.

Program of Study

The certificate requires 12 credit hours (4 courses). No more than three courses per discipline will count toward the certificate. Course substitutions or exceptions can be made with the approval of the certificate faculty adviser within each respective college.

Courses in the program will usually be offered as part of existing majors. Also, departments may occasionally offer the courses online (fully or hybrid), and in the summer (but not in the Maymester). The Data Analytics will be an embedded certificate.

Learning Outcomes

1. Demonstrate proficiency in data collection, management, analysis, and visualization.
2. Demonstrate proficiency in quantitative analysis techniques for effective data-driven decision-making.
3. Demonstrate proficiency in various data management and analysis software programs such as: R, SAS, SPSS, and STATA.

Eligibility

1. Applicants to the Data Analytics Certificate must meet the requirements for their major.
2. Students may pursue this certificate in conjunction with their major program.
3. Students can apply to enroll in the DAC program in the Department of Civic Engagement and Public Service or the Department of Economics.
4. To fulfill the certificate requirements students must successfully complete 12 credit hours from the courses listed below, and make a public presentation of a data driven research project. Presentations can take place at UWG (Research and Big Night), at student or professional conferences (NCUR), etc. **It is highly recommended that students complete courses from areas 1 and 2 first, and then select courses from areas 3 and 4 below.**

Total Course Requirements: 12 Hours

One core course in Statistics: 3 Hours

- ECON 3402 - Statistics for Business I 3 Credit Hours **(or)**
- POLS 3601 - Political Analysis 3 Credit Hours **(or)**
- MATH 1401 - Elementary Statistics 3 Credit Hours **(or)**
- MATH 3063 - Applied Statistics 3 Credit Hours **(or)**
- CRIM 4003 - Statistics for Social Sciences 3 Credit Hours **(or)**
- SOCI 4003 - Applied Statistics for Sociology 3 Credit Hours

One course in Research Methods: 3 Hours

- ECON 3406 - Statistics for Business II 3 Credit Hours (or)
- ECON 3460 - Forecasting 3 Credit Hours **(or)**
- GEOG 2083 - Introduction to Geographical Analysis 3 Credit Hours **(or)**
- MATH 4153 - Applied Mathematical Modeling 3 Credit Hours **(or)**
- MATH 4813 - Regression Analysis 3 Credit Hours **(or)**
- POLS 2601 - Introduction to Political Science Inquiry 3 Credit Hours **(or)**
- CRIM 4000 - Research Methodology 3 Credit Hours **(or)**
- SOCI 4000 - Research Methodology 3 Credit Hours **(or)**
- PSYC 4220 - Research Explorations 4 Credit Hours **(or)**
- PSYC 4150 - Tests and Measurements 3 Credit Hours

One course in Data Management, Analysis, and /or Visualization: 3 credits

- CISM 3340 - Database Design and Management 3 Credit Hours **(or)**
- SOCI 4015 - Analyzing and Visualizing Data 3 Credit Hours **(or)**
- ECON 4475 - Introduction to Econometrics and Analytics 3 Credit Hours **(or)**
- GEOG 2553 - Introduction to GIS and Mapping Sciences 3 Credit Hours **(or)**
- MKTG 4868 - Marketing Metrics 3 Credit Hours

One elective in an area of interest or expertise, including an approved internship: 3 Hours

Embedded Certificate in International Business

The "Certificate in International Business" is an option for either business or non-business majors. Students are eligible when they have completed 45 hours of classes with at least a 2.0 GPA and have taken the appropriate prerequisites.

Students can formally apply to enroll in the certificate program in the Richards College Student Success Center, Room 1208, Miller Hall.

Requirements: (15 hours)

- Completion of 3 hours of earned university foreign language credit or a foreign language waiver.
- Completion of 9 hours of upper division approved "International Business Courses". Approved courses include: ECON 4450, ECON 4470; FINC 4521; MKTG 4866; MGNT 3627, MGNT 4625.
- 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.

Minor

Economics Minor

Requirement

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.

Department of Management

RCOB 2217 • 678-839-6472
http://www.westga.edu/management

Professors:

E. Bergiel, L. Deng, T. Gainey (Chair), K. Green, B. Prince, J. Upson (Associate Dean)

Associate Professors:

D. McWilliams, G. Towhidi, S. Velez-Castrillon

Assistant Professor:

S. Gholamalitabarfirouzjaee

Senior Lecturers:

M. Smith (Associate Dean), P. Reaves, M. Sanchez, S. White

Lecturers:

C. Ferrell, R. Teal, T. Thomas, S. Wolde

In the Department of Management, we offer a **B.B.A. in Management** and a **B.B.A in Management Information Systems (MIS)**.

Our **B.B.A. in Management** prepares students for a variety of different organizations and industries. Some management graduates actually start their own businesses, while others begin their careers in larger organizations. Additionally, students can focus their studies in one of our three concentrations: **Human Resource Management , Supply Chain Management, and Entrepreneurship and Small Business Management.**

Our **B.B.A. in Management Information Systems (MIS)** prepares students for careers such as business systems analyst, database administrator, or cybersecurity analyst. Additionally, students can focus their studies in one of our two concentrations: **Enterprise Systems and Data Analytics ,** and **IoT, Networking, and Cyber Security**.

In addition to our major degrees, we also offer a variety of Management and MIS minors.

Bachelor of Business Administration

Management Information Systems, B.B.A.

The Management Information Systems (MIS) program integrates business and technology. Students get hands-on experience with many different types of technology. Students then learn how to use this technology to find solutions to many different business problems. Students can pursue a traditional plan of study or concentrate their studies in one of

two concentrations: (1) Cybersecurity and Networking, or (2) Business Systems and Analytics. The MIS program helps prepare students for a variety of positions in regional, national, or international organizations.

Accreditation: AACSB

Learning Outcomes

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/management

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M:

(Grade of C or higher)

must include:

- MATH 1111 - College Algebra 3 Credit Hours **(or)**
- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours

Field of Study: 18 Hours

A: 6 Hours

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours

B: 6 Hours

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
- ECON 2106 - Principles of Microeconomics 3 Credit Hours

C: 3 Hours

- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours

D: 3 Hours

- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours

Management Information Systems

Courses required for the degree: 51 Hours

Business Core: 27 Hours

- ABED 3100 - Business Communication 3 Credit Hours
- CISM 3330 - Management of Information Systems 3 Credit Hours
- ECON 3402 - Statistics for Business I 3 Credit Hours
- ECON 3406 - Statistics for Business II 3 Credit Hours
- FINC 3511 - Corporate Finance 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3615 - Operations Management 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours

International Select

- MGNT 4625 - International Management 3 Credit Hours

Major Courses: 24 Hours

- CISM 3335 - Business Programming and Web Design 3 Credit Hours
- CISM 3340 - Database Design and Management 3 Credit Hours
- CISM 3470 - Fundamentals of Information Security 3 Credit Hours
- CISM 4310 - Systems Analysis and Design 3 Credit Hours
- MGNT 4660 - Strategic Management 3 Credit Hours

Traditional Concentration (Select 3 Courses)

- CISM 3625 - Contemporary Issues in MIS 3 Credit Hours
- CISM 4330 - Introduction to Enterprise Software 3 Credit Hours
- CISM 4333 - Introduction to Networking 3 Credit Hours
- CISM 4350 - Enterprise Simulation and Analytics 3 Credit Hours
- CISM 4355 - Fundamentals of Cybersecurity 3 Credit Hours
- CISM 4382 - Special Problems in Management Information Systems 1.0 - 3.0 Credit Hours
- CISM 4384 - MIS Study Abroad 3 Credit Hours
- CISM 4386 - Business Internship (Management Information Systems) 1.0 - 6.0 Credit Hours
- CISM 4390 - Business Intelligence and Data Mining 3 Credit Hours
- CISM 4470 - Cyberwarfare, Cybercrime, and Digital Forensics 3 Credit Hours
- CISM 4500 - Advanced Networking: Switching, Routing, and Wireless 3 Credit Hours
- CISM 4600 - Advanced Enterprise Networking, Security, and Automation 3 Credit Hours

Business Systems and Analytics Concentration (3 Courses)

- CISM 4330 - Introduction to Enterprise Software 3 Credit Hours
- CISM 4350 - Enterprise Simulation and Analytics 3 Credit Hours
- CISM 4390 - Business Intelligence and Data Mining 3 Credit Hours

Cyber Security and Networking Concentration (3 Courses)

- CISM 4333 - Introduction to Networking 3 Credit Hours
- CISM 4355 - Fundamentals of Cybersecurity 3 Credit Hours
- CISM 4470 - Cyberwarfare, Cybercrime, and Digital Forensics 3 Credit Hours

Electives: 9 Hours

- Elective 1
- Elective 2
- Elective 3

At least one elective must be taken in the RCOB or from approved FinTech courses.

Total: 120 Hours

Management, B.B.A.

The B.B.A. program in Management is designed to prepare students to effectively plan, organize, direct, and control organizational resources. Students can pursue a traditional plan of study or concentrate their studies in human resource management, supply chain management, project management or entrepreneurship and small business management. The management program helps prepare students for a variety of positions in regional, national, or international organizations or to pursue graduate studies.

Accreditation: AACSB

Learning Outcomes

1. Students will be able to examine and analyze basic employment-related data.
2. Students will be able to identify and evaluate issues involved in international business relationships.
3. Students will be able to identify basic principles associated with leadership.
4. Management majors will demonstrate a more comprehensive knowledge of management concepts and principles as compared to non-management BBA majors as a whole.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M:

(Grade of C or higher)

must include:

- MATH 1111 - College Algebra 3 Credit Hours **(or)**
- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours

Field of Study: 18 Hours

A: 6 Hours

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours

B: 6 Hours

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
- ECON 2106 - Principles of Microeconomics 3 Credit Hours

C: 3 Hours

- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours

D: 3 Hours

- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours

Business Core (27 Hours)

This Business Core courses are required of each RCOB major pursuing a B.B.A. Degree.

- ABED 3100 - Business Communication 3 Credit Hours
- CISM 3330 - Management of Information Systems 3 Credit Hours
- ECON 3402 - Statistics for Business I 3 Credit Hours
- ECON 3406 - Statistics for Business II 3 Credit Hours
- FINC 3511 - Corporate Finance 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3615 - Operations Management 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours
- MGNT 4625 - International Management 3 Credit Hours
  If MGNT 4625 is not available, ECON 4450, FINC 4521, or MKTG 4866 may be substituted with approval of the management department chair.

B.B.A. - Management (24 Hours)

Required Courses (For all Concentrations) (12 Hours)

These four courses must be taken by all Management Majors regardless of their concentrations. If MGNT 3633 is not available, students may substitute MKTG 3808.

- MGNT 3605 - Organizational Behavior 3 Credit Hours
- MGNT 3633 - Research Methods for Managers 3 Credit Hours
- MGNT 4620 - Human Resource Management 3 Credit Hours

- MGNT 4660 - Strategic Management 3 Credit Hours
  If MGNT 3633 is not available, MKTG 3808 is allowed as a substitute.

Traditional Management Concentration (12 Hours)

The Traditional Concentration requires 12 credit hours. Students must take MGNT 3618 . Students may then select three additional courses (9 credit hours) from the list provided.

- MGNT 3618 - Becoming an Entrepreneur 3 Credit Hours

Traditional Concentration Selects (Choose 3):

- MGNT 3602 - Business Law 3 Credit Hours
- MGNT 3603 - The Creative Startup 3 Credit Hours
- MGNT 3611 - Leadership 3 Credit Hours
- MGNT 3625 - Contemporary Issues in Management 3 Credit Hours
- MGNT 3627 - Managing Cultural Differences 3 Credit Hours
- MGNT 3635 - Small Business Survival Skills 3 Credit Hours
- MGNT 3640 - Lean Six Sigma 3 Credit Hours
- MGNT 3645 - Sustainability and CSR 3 Credit Hours
- MGNT 4330 - Enterprise Architecture 3 Credit Hours
- MGNT 4355 - Cyber Security 3 Credit Hours
- MGNT 4610 - Logistics 3 Credit Hours
- MGNT 4615 - Supply Chain Management 3 Credit Hours
- MGNT 4616 - Project Management Applications 3 Credit Hours
- MGNT 4621 - Human Resource Applications and Analytics 3 Credit Hours
- MGNT 4630 - Negotiation and Conflict Management 3 Credit Hours
- MGNT 4640 - Employment Law 3 Credit Hours
- MGNT 4681 - Employee Total Rewards 3 Credit Hours
- MGNT 4682 - Special Problems in Management 1.0 - 3.0 Credit Hours
- MGNT 4684 - Management Study Abroad 3 Credit Hours
- MGNT 4686 - Business Internship (Management) 1.0 - 3.0 Credit Hours

Human Resource Management Concentration (12 Hours)

For the Human Resource Management Concentration, students must take MGNT 4621, MGNT 4640, MGNT 4681, and one additional select course (taken from the list provided).

- MGNT 4621 - Human Resource Applications and Analytics 3 Credit Hours
- MGNT 4640 - Employment Law 3 Credit Hours
- MGNT 4681 - Employee Total Rewards 3 Credit Hours

Human Resource Management Concentration Select (Choose 1):

- MGNT 3602 - Business Law 3 Credit Hours
- MGNT 3611 - Leadership 3 Credit Hours
- MGNT 3618 - Becoming an Entrepreneur 3 Credit Hours
- MGNT 3625 - Contemporary Issues in Management 3 Credit Hours
- MGNT 3627 - Managing Cultural Differences 3 Credit Hours
- MGNT 3645 - Sustainability and CSR 3 Credit Hours

- MGNT 4630 - Negotiation and Conflict Management 3 Credit Hours
- MGNT 4680 - Human Resources Practicum 3 Credit Hours
- MGNT 4682 - Special Problems in Management 1.0 - 3.0 Credit Hours
- MGNT 4684 - Management Study Abroad 3 Credit Hours
- MGNT 4686 - Business Internship (Management) 1.0 - 3.0 Credit Hours

Entrepreneurship and Small Business Management Concentration (12 Hours)

For the Entrepreneurship and Small Business Management Concentration, students must take MGNT 3603, MGNT 3618, MGNT 3635, and one additional select course (taken from the list provided).

- MGNT 3603 - The Creative Startup 3 Credit Hours
- MGNT 3618 - Becoming an Entrepreneur 3 Credit Hours
- MGNT 3635 - Small Business Survival Skills 3 Credit Hours

Small Business Management Concentration Select (Choose 1):

- MGNT 3602 - Business Law 3 Credit Hours
- MGNT 3611 - Leadership 3 Credit Hours
- MGNT 3625 - Contemporary Issues in Management 3 Credit Hours
- MGNT 3627 - Managing Cultural Differences 3 Credit Hours
- MGNT 3640 - Lean Six Sigma 3 Credit Hours
- MGNT 3645 - Sustainability and CSR 3 Credit Hours
- MGNT 4610 - Logistics 3 Credit Hours
- MGNT 4615 - Supply Chain Management 3 Credit Hours
- MGNT 4616 - Project Management Applications 3 Credit Hours
- MGNT 4630 - Negotiation and Conflict Management 3 Credit Hours
- MGNT 4640 - Employment Law 3 Credit Hours
- MGNT 4681 - Employee Total Rewards 3 Credit Hours
- MGNT 4682 - Special Problems in Management 1.0 - 3.0 Credit Hours
- MGNT 4684 - Management Study Abroad 3 Credit Hours
- MGNT 4686 - Business Internship (Management) 1.0 - 3.0 Credit Hours

Supply Chain Management Concentration (12 Hours)

For the Supply Chain Management Concentration, students must take MGNT 3640, MGNT 4610, MGNT 4615 and one additional select course (taken from the list provided).

- MGNT 3640 - Lean Six Sigma 3 Credit Hours
- MGNT 4610 - Logistics 3 Credit Hours
- MGNT 4615 - Supply Chain Management 3 Credit Hours

Supply Chain Management Concentration Select (Choose 1):

- MGNT 3611 - Leadership 3 Credit Hours
- MGNT 3618 - Becoming an Entrepreneur 3 Credit Hours
- MGNT 3625 - Contemporary Issues in Management 3 Credit Hours
- MGNT 3627 - Managing Cultural Differences 3 Credit Hours
- MGNT 3645 - Sustainability and CSR 3 Credit Hours
- MGNT 4616 - Project Management Applications 3 Credit Hours

- MGNT 4630 - Negotiation and Conflict Management 3 Credit Hours
- MGNT 4682 - Special Problems in Management 1.0 - 3.0 Credit Hours
- MGNT 4684 - Management Study Abroad 3 Credit Hours
- MGNT 4686 - Business Internship (Management) 1.0 - 3.0 Credit Hours

Project Management Concentration (12 Hours)

- MGNT 3400 - Introduction to Project Management 3 Credit Hours
- MGNT 3405 - Event Planning and Management 3 Credit Hours
- MGNT 4616 - Project Management Applications 3 Credit Hours

Take 1 of the following courses:

- MGNT 3603 - The Creative Startup 3 Credit Hours
- MGNT 3611 - Leadership 3 Credit Hours
- MGNT 3618 - Becoming an Entrepreneur 3 Credit Hours
- MGNT 3625 - Contemporary Issues in Management 3 Credit Hours
- MGNT 3635 - Small Business Survival Skills 3 Credit Hours
- MGNT 3640 - Lean Six Sigma 3 Credit Hours
- MGNT 3645 - Sustainability and CSR 3 Credit Hours
- MGNT 4610 - Logistics 3 Credit Hours
- MGNT 4615 - Supply Chain Management 3 Credit Hours
- MGNT 4681 - Employee Total Rewards 3 Credit Hours
- MGNT 4684 - Management Study Abroad 3 Credit Hours
- MGNT 4686 - Business Internship (Management) 1.0 - 3.0 Credit Hours

Approved Electives (9 Hours)

Elective 1 (3 Hours)

Elective 2 (3 Hours)

Elective 3 (3 Hours)

At least one elective must be taken in the RCOB or from approved FinTech courses.

Total: 120 Hours

Minor

Business Administration Minor

Students with majors in other disciplines may complete a minor in business administration. The minor requires 15 hours of business courses as outlined in the catalog.

Requirement

To minor in business administration, students must take:

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
  and
- ECON 2105 - Principles of Macroeconomics 3 Credit Hours **(or)**
- ECON 2106 - Principles of Microeconomics 3 Credit Hours
  and
- MGNT 3600 - Principles of Management 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours **(and)**
- One three (3) hour course in business at the 3000 or 4000 level 3 Credit Hours

Business Systems and Analytics Minor

This minor allows students to learn the basic concepts associated with Enterprise Systems and Data Analytics. Please note that a comparable course from another discipline will serve as a substitute for CISM 3330 and CISM 3335.

Learning Outcomes

1. Students will be able to develop a working, dynamic website.
2. Students will be able to design a relational database that is at least in Third Nominal Form.

Required Courses: 15 hours

- CISM 3330 - Management of Information Systems 3 Credit Hours
- CISM 3335 - Business Programming and Web Design 3 Credit Hours
- CISM 3340 - Database Design and Management 3 Credit Hours
- CISM 4330 - Introduction to Enterprise Software 3 Credit Hours
- CISM 4390 - Business Intelligence and Data Mining 3 Credit Hours

Cyber Security and Networking Minor

This minor will introduce students to the basic concepts associated with IoT, Networking, and Cyber Security. Please note that a comparable course from another major will serve as a substitute for CISM 3330.

Learning Outcomes

Students will be able to develop a working, dynamic website.

Required Courses: 15 hours

- CISM 3330 - Management of Information Systems 3 Credit Hours
- CISM 3470 - Fundamentals of Information Security 3 Credit Hours
- CISM 4333 - Introduction to Networking 3 Credit Hours
- CISM 4355 - Fundamentals of Cybersecurity 3 Credit Hours
- CISM 4470 - Cyberwarfare, Cybercrime, and Digital Forensics 3 Credit Hours

Entrepreneurship and Small Business Management Minor

The Entrepreneurship and Small Business Management minor will introduce students to basic concepts involved with starting or working in a small business.

Learning Outcomes

1. Students will be able to examine and analyze basic employment-related data.
2. Students will be able to identify and evaluate issues involved in international business relationships.
3. Students will be able to identify basic principles associated with leadership.

Required Courses: 15 hours

- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3603 - The Creative Startup 3 Credit Hours
- MGNT 3618 - Becoming an Entrepreneur 3 Credit Hours
- MGNT 3635 - Small Business Survival Skills 3 Credit Hours

Human Resource Management Minor

The Human Resource Management minor will introduce students to the basic concepts associated with the field of human resource management.

Learning Outcomes

1. Students will be able to examine and analyze basic employment-related data.
2. Students will be able to identify and evaluate issues involved in international business relationships.
3. Students will be able to identify basic principles associated with leadership.
4. Management majors will demonstrate a more comprehensive knowledge of management concepts and principles as compared to non-management BBA majors as a whole.

Requirements

- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 4620 - Human Resource Management 3 Credit Hours
- MGNT 4621 - Human Resource Applications and Analytics 3 Credit Hours
- MGNT 4681 - Employee Total Rewards 3 Credit Hours

Management Information Systems (MIS) Minor

This minor introduces students to the basic concepts associated with Management Information Systems (MIS). Please note a comparable course from another discipline will serve as a substitute for CISM 3330 and CISM 3335 .

Learning Outcomes

1. Students will be able to design a relational database that is at least in Third Nominal Form.
2. Students will utilize data flow diagrams to accurately depict the movement of data within systems.
3. Students will be able to develop a working, dynamic website.

Required Courses: 15 hours

- CISM 3330 - Management of Information Systems 3 Credit Hours
- CISM 3335 - Business Programming and Web Design 3 Credit Hours
- CISM 3340 - Database Design and Management 3 Credit Hours
- CISM 3470 - Fundamentals of Information Security 3 Credit Hours
- CISM 4310 - Systems Analysis and Design 3 Credit Hours

Management Minor

A minor in Management requires 15 total hours. Students will take BUSA 2106 and MGNT 3600. Students may then select 9 hours from courses in the Management Department at the 3000 or 4000 level.

Requirement

To minor in management, students must take

- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- Plus 9 hours of courses in teh Management Department at the 3000 or 4000 level.

Supply Chain Management Minor

The Supply Chain Management minor will introduce students to the basic concepts associated with supply chain management.

Learning Outcomes

1. Students will be able to examine and analyze basic employment-related data.
2. Students will be able to identify and evaluate issues involved in international business relationships.
3. Students will be able to identify basic principles associated with leadership.

Required Courses: 15 hours

- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3615 - Operations Management 3 Credit Hours
- MGNT 3640 - Lean Six Sigma 3 Credit Hours
- MGNT 4610 - Logistics 3 Credit Hours
- MGNT 4615 - Supply Chain Management 3 Credit Hours

Nexus

Supply Chain Management, Nexus

The Nexus degree in Supply Chain Management is an excellent option for individuals seeking a more short-term, focused degree to begin a career or to pursue an alternative route to a more advance degree. Students will study operations management, supply chain management, logics, and lean six sigma. Additionally, projects will be completed

using a supply chain simulation and SAP enterprise software. Once complete, students will likely seek careers in areas such as logistics, storage and distribution, materials management, production, shipping and receiving, and procurement.

Learning Outcomes:

1. Identify different metrics used in assessing the performance of supply chains and utlized them to solve real world cases.

2. Utilize enterprise software to manage materials and plan production.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area I

Section 1

- Elective, 3 hours

Section 2

- Elective, 2 hours

Core IMPACTS Area M

- MATH 1111 - College Algebra 3 Credit Hours

Core IMPACTS Area P:

- HIST 2111 - U S History I (to 1865) 3 Credit Hours **(or)**
- HIST 2112 - U S History II (since 1865) 3 Credit Hours **(and)**
- POLS 1101 - American Government 3 Credit Hours

Core IMPACTS Area A

Section 1

- Elective, 3 hours

Section 2

- Elective, 3 hours

Core IMPACTS Area C:

Both Required:

- ENGL 1101 - English Composition I 3 Credit Hours
- ENGL 1102 - English Composition II 3 Credit Hours

Core IMPACTS Area T:

Select from Option 1: Science Courses

- Elective, 3 hours
- Elective with Lab, 4 hours **(and)**
- MATH 1413 - Survey of Calculus 3 Credit Hours

Core IMPACTS Area S

- HIST 1111 - Survey of World History/Civilization I 3 Credit Hours **(or)**
- HIST 1112 - Survey of World History/Civilization II 3 Credit Hours **(and)**
- ECON 2105 - Principles of Macroeconomics 3 Credit Hours

Skills and Knowledge 12 hours

- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours
- ECON 3402 - Statistics for Business I 3 Credit Hours
- MGNT 3615 - Operations Management 3 Credit Hours
- MGNT 4610 - Logistics 3 Credit Hours

Experiential Learning 6 hours

- MGNT 4686 - Business Internship (Management) 1.0 - 3.0 Credit Hours
- MGNT 3640 - Lean Six Sigma 3 Credit Hours
- MGNT 4615 - Supply Chain Management 3 Credit Hours

Department of Marketing

RCOB 2301 • 678-839-6318
http://www.westga.edu/mktreal

Professors:

S. Hazari, B. Sethna, S. Talpade (Chair), S. Webb, Y. Wei

Associate Professors:

A. Chwialkowska, M. Rollins

Assistant Professor:

S. Choi

Senior Lecturers:

C. Brown, K. Hilderhoff, S. Lee

Bachelor of Business Administration

Marketing, B.B.A.

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: AACSBI

Learning Outcomes

For Bachelor of Business Administration (B.B.A.) Marketing Majors, we expect graduating students will meet the learning outcomes found at https://www.westga.edu/academics/business/marketing-real-estate/department-mission.php.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area M:

(Grade of C or higher)

must include:

- MATH 1111 - College Algebra 3 Credit Hours **(or)**
- MATH 1113 - Precalculus 3.0 - 4.0 Credit Hours

Field of Study: 18 Hours

A: 6 Hours

- ACCT 2101 - Principles of Accounting I 3 Credit Hours
- ACCT 2102 - Principles of Accounting II 3 Credit Hours

B: 6 Hours

- ECON 2105 - Principles of Macroeconomics 3 Credit Hours
- ECON 2106 - Principles of Microeconomics 3 Credit Hours

C: 3 Hours

- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours

D: 3 Hours

- CISM 2201 - Foundations of Spreadsheet Analysis 3 Credit Hours

Marketing

Courses required for the degree: 51 Hours

Business Core: 27 Hours

- ABED 3100 - Business Communication 3 Credit Hours
- CISM 3330 - Management of Information Systems 3 Credit Hours
- ECON 3402 - Statistics for Business I 3 Credit Hours
- ECON 3406 - Statistics for Business II 3 Credit Hours
- FINC 3511 - Corporate Finance 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3615 - Operations Management 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours

International Select

- ECON 4450 - International Economics 3 Credit Hours **(or)**
- FINC 4521 - International Finance 3 Credit Hours **(or)**
- MKTG 4866 - International Marketing 3 Credit Hours **(or)**
- MGNT 4625 - International Management 3 Credit Hours

Major Courses: 24 Hours

- MKTG 3808 - Business Research 3 Credit Hours
- MKTG 4864 - Consumer Behavior 3 Credit Hours
- MKTG 4870 - Marketing Management 3 Credit Hours
- MGNT 4660 - Strategic Management 3 Credit Hours

Four courses from:

- MKTG 3801 - Professional Selling 3 Credit Hours
- MKTG 3809 - Advertising in the Digital Age 3 Credit Hours
- MKTG 3810 - Social Media and Online Marketing 3 Credit Hours
- MKTG 3839 - Retail Management 3 Credit Hours
- MKTG 4818 - Business Web Design 3 Credit Hours
- MKTG 4823 - Logistics and Supply Chain Management 3 Credit Hours
- MKTG 4868 - Marketing Metrics 3 Credit Hours
- MKTG 4881 - Independent Study in Marketing 3 Credit Hours
- MKTG 4885 - Special Topics in Marketing 3 Credit Hours
- MKTG 4805 - Sales Management 3 Credit Hours
- MKTG 4808 - Marketing Information Systems and Research 3 Credit Hours
- MKTG 4831 - Business-to-Business Marketing 3 Credit Hours
- MKTG 4861 - Services Marketing 3 Credit Hours
- MKTG 4866 - International Marketing 3 Credit Hours
- RELE 3705 - Real Estate Principles 3 Credit Hours
- MKTG 3805 - Real Estate Principles 3 Credit Hours

Electives: 9 Hours

- At least two electives must be taken in the RCOB

Total: 120 Hours

Embedded Certificates

Embedded Certificate in Advertising Program

A. Eligibility:

1. A "Certificate in Advertising" can be completed by either business or non-business (fully admitted, degree seeking) majors.

2. Students are eligible when they have completed 45 hours of classes with at least a 2.0 GPA.

3. 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 3 Credit Hours
- MKTG 3809 - Advertising in the Digital Age 3 Credit Hours
- MKTG 3810 - Social Media and Online Marketing 3 Credit Hours

And one of the following:

- MKTG 4818 - Business Web Design 3 Credit Hours
- MKTG 4886 - Marketing Internship 3 Credit Hours
- MKTG 4881 - Independent Study in Marketing 3 Credit Hours
- COMM 3350 - Digital Media Industries 3 Credit Hours
- ART 3401 - Graphic Design I 3 Credit Hours
- MKTG 4885 - Special Topics in Marketing 3 Credit Hours

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.

Embedded Certificate in Real Estate Appraisal

A. Eligibility: • A "Certificate in Real Estate Appraisal" can be completed by either a business or a non-business major. • Students are eligible when they have completed 45 hours of classes with at least a 2.0 GPA and have taken the appropriate prerequisites. • Students can formally apply to enroll in the certificate program in the Department of Marketing and Real Estate. B. Course Requirements: RELE 3705/MKTG 3805 - Principles of Real Estate. RELE 4706 - Residential Appraisal. RELE 4707 - Income Property Appraisal And one of the following: RELE 3730 - Real Estate Finance. RELE 4705 - Real Estate Investment. 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 transcript and the student will be awarded a certificate from the Marketing and Real Estate Department.

Learning Outcomes

Students will demonstrate knowledge about the concepts and principles common to the Real Estate field.

Students will demonstrate knowledge about the practices and techniques of Real Estate Appraisal.

Students will demonstrate knowledge about Real Estate finance and investment.

Required Courses

Embedded Certificate in Real Estate Appraisal

- MKTG 3805 - Real Estate Principles 3 Credit Hours
- RELE 3705 - Real Estate Principles 3 Credit Hours
- RELE 4707 - Income Property Appraisal 3 Credit Hours
- RELE 4706 - Residential Appraisal 3 Credit Hours

Elective Courses (Select one)

Embedded Certificate in Real Estate Appraisal

- RELE 3730 - Real Estate Finance 3 Credit Hours
- RELE 4705 - Real Estate Investment 3 Credit Hours

Embedded Certificate in Real Estate Brokerage

A. Eligibility: • A "Certificate in Real Estate Brokerage" can be completed by either a business or a non-business major. • Students are eligible when they have completed 45 hours of classes with at least a 2.0 GPA and have taken the appropriate prerequisites. • Students can formally apply to enroll in the certificate program in the Department of Marketing and Real Estate. B. Course Requirements: RELE 3705/MKTG 3805 - Principles of Real Estate. RELE 3701 - Real Estate Marketing or MKTG 3801 - Art of Selling and Personal Dynamics. And two of the following: RELE 3730 - Real Estate Finance. RELE 4706 - Residential Appraisal. RELE 4705 - Real Estate Investment. 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 transcript and the student will be awarded a certificate from the Marketing and Real Estate Department.

Learning Outcomes

Students will demonstrate knowledge about the concepts and principles common to the Real Estate field.

Students will demonstrate knowledge about sales techniques, negotiation strategies and be able to make a good sales presentation.

Students will demonstrate knowledge about the quantitative aspects of Real Estate Brokerage.

Required Courses (6 credit Hours)

Embedded Certificate in Real Estate Brokerage

- MKTG 3801 - Professional Selling 3 Credit Hours
- RELE 3701 - Real Estate Marketing 3 Credit Hours
- MKTG 3805 - Real Estate Principles 3 Credit Hours
- RELE 3705 - Real Estate Principles 3 Credit Hours

Elective Courses (6 credit hours)

Embedded Certificate in Real Estate Brokerage

- RELE 4706 - Residential Appraisal 3 Credit Hours
- RELE 3730 - Real Estate Finance 3 Credit Hours
- RELE 4705 - Real Estate Investment 3 Credit Hours

Embedded 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. Students are eligible when they have completed 45 hours of classes with at least a 2.0 GPA.

3. 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 3 Credit Hours
- MKTG 3801 - Professional Selling 3 Credit Hours
- MKTG 4805 - Sales Management 3 Credit Hours

And one of the following:

- MKTG 4831 - Business-to-Business Marketing 3 Credit Hours
- MKTG 4886 - Marketing Internship 3 Credit Hours
- MKTG 4881 - Independent Study in Marketing 3 Credit Hours

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

Embedded Certificate in Sustainable Business

A. Eligibility

1. A Certificate in Sustainable Business can be completed by a business or non-business major.

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 & Real Estate office.

B. Course Requirements:

Choose four courses from the following list:

- MGNT 3625 - Contemporary Issues in Management 3 Credit Hours
- MGNT 3630 - Environmental Law 3 Credit Hours
- ECON 3480 - Environmental and Natural Resource Economics 3 Credit Hours
- MKTG 4866 - International Marketing 3 Credit Hours
  OR
- MGNT 4625 - International Management 3 Credit Hours

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.

Minor

Marketing Minor

Requirement

To minor in marketing, students must take:

- MKTG 3803 - Principles of Marketing 3 Credit Hours

Plus twelve (12) hours in marketing subjects from:

- MKTG 3801 - Professional Selling 3 Credit Hours
- MKTG 3805 - Real Estate Principles 3 Credit Hours
- MKTG 3808 - Business Research 3 Credit Hours
- MKTG 3809 - Advertising in the Digital Age 3 Credit Hours
- MKTG 3810 - Social Media and Online Marketing 3 Credit Hours
- MKTG 3839 - Retail Management 3 Credit Hours
- MKTG 4805 - Sales Management 3 Credit Hours
- MKTG 4808 - Marketing Information Systems and Research 3 Credit Hours
- MKTG 4831 - Business-to-Business Marketing 3 Credit Hours
- MKTG 4861 - Services Marketing 3 Credit Hours
- MKTG 4864 - Consumer Behavior 3 Credit Hours
- MKTG 4866 - International Marketing 3 Credit Hours

Real Estate Minor

Requirement

To minor in real estate, students must take:

- RELE 3705 - Real Estate Principles 3 Credit Hours

Plus twelve (12) hours in real estate courses from:

- RELE 3701 - Real Estate Marketing 3 Credit Hours
- RELE 3711 - Real Estate Research 3 Credit Hours
- RELE 3730 - Real Estate Finance 3 Credit Hours
- RELE 4705 - Real Estate Investment 3 Credit Hours
- RELE 4706 - Residential Appraisal 3 Credit Hours
- RELE 4707 - Income Property Appraisal 3 Credit Hours

School of Communication, Film, and Media

Bradford L. Yates, Dean

Miller Hall • 678-839-6518
http://www.westga.edu/academics/scfm

Professors:

D. Kay, S. Moon, B. Yates (Dean)

Associate Professors:

L. Bryant, P. Hadley (Associate Dean), K. Lorenzano, C. Renaud, J. Sewell, K. Williams

Assistant Professors:

P. Clinton, C. Joa

Senior Lecturers:

M Conrad (Assistant Dean), A. Will, M. Wilson

Lecturers:

J. Kirk, A. Mendes, K. Voto

Instructors:

K. Greer, D. Lassiter

The School of Communication, Film, and Media offers a Bachelor of Science in Film & Video Production, a Bachelor of Science in Mass Communications, a Nexus in Film and Television Production, minors in Communication Studies, Film & Video Production, and Mass Communications, and certificates in Communication in the Workplace and Health Communication.

Bachelor of Science

Film & Video Production, B.S.

This degree is designed to train graduates in the field who are agile, adaptable, and able to employ their skills in an array of roles from entrepreneurial content producers to on-set film work, both above and below the line.

It will provide students with a comprehensive understanding of the machinery at work behind media production and distribution, along with a set of tangible, marketable, and transferable skills for an array of positions within the infrastructure of film and content production.

Learning Outcomes

1. Demonstrate critical thinking, aesthetic awareness and technical proficiency in the production and assessment of audio-visual film work.
2. Understand all phases and roles of film production in order to help formulate career goals.
3. Understand the various potentials of film as both a commodity for a targeted audience, and an act of authorship and creative expression.
4. Demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of cinema in a global society.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

note that GFA 1000 is a 6 credit-hour class

- COMM 1154 - Introduction to Mass Communications 3 Credit Hours
- Foreign Language - 1000 or 2000 level 6 Credit Hours
- COMM 2256 - Film Form and Aesthetics 3 Credit Hours
- GFA 1000 - Introduction to Film & Television Production 6 Credit Hours (or)
- GFA 1040 - Intro Film & TV Post-Prod 6 Credit Hours

Courses Specific for the Major

Required Courses: 33 Hours

- COMM 3305 - Short-Form Screenwriting & Analysis 3 Credit Hours
- COMM 3353 - Fundamentals of Film & Video Production 3 Credit Hours
- COMM 3356 - Film and Culture 3 Credit Hours
- COMM 3366 - The Business of Film 3 Credit Hours
- COMM 4425 - Documentary Production Practices 3 Credit Hours
- COMM 4452 - Advanced Film & Video Production 3 Credit Hours

Choose 5 Intermediate-Level Classes

- COMM 4405 - Sound Design 3 Credit Hours
- COMM 4406 - Cinematography 3 Credit Hours
- COMM 4407 - Film & Video Editing 3 Credit Hours
- COMM 4408 - Producing for Film & Video 3 Credit Hours
- COMM 4409 - Directing for Film & Video Production 3 Credit Hours
- COMM 4305 - Intermediate Short-form Screenwriting 3 Credit Hours

Electives: 9-15 Hours

Must be 3000-4000 level COMM courses or approved courses from the list below. Majors may petition to apply alternative courses, including 1000-2000 level courses, as major electives that are relevant to their career aspirations by submitting requests and rationales to advisors. All alternative courses must be approved by the Dean/Designee of the School.

Complete 9 credit hours if minor = 18 credit hours
Complete 12 credit hours if minor = 15 credit hours
Complete 15 credit hours if GFA certification is chosen

MAX 24 credit hours of GFA can be applied to the degree

- ABED 3100 - Business Communication 3 Credit Hours
- ART 3400 - Graphic Design Survey for Non-Majors 3 Credit Hours
- ABED 4118 - Web Page Design 3 Credit Hours
- ENGL 3200 - Intermediate Creative Writing 3 Credit Hours
- ENGL 3405 - Professional and Technical Writing 3 Credit Hours
- ENGL 4109 - Film as Literature 3 Credit Hours
- FILM 3200 - Screenwriting 3 Credit Hours
- FORL 4485 - Topics in National Film Traditions 3 Credit Hours
- FREN 3212 - Topics in Francophone Cinema 3 Credit Hours
- GEOG 3713 - Meteorology 3 Credit Hours
- HIST 4464 - American Sports History 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3602 - Business Law 3 Credit Hours
- MGNT 3627 - Managing Cultural Differences 3 Credit Hours
- MGNT 4630 - Negotiation and Conflict Management 3 Credit Hours
- MKTG 3801 - Professional Selling 3 Credit Hours
- MKTG 3803 - Principles of Marketing 3 Credit Hours
- MKTG 3809 - Advertising in the Digital Age 3 Credit Hours
- MKTG 3810 - Social Media and Online Marketing 3 Credit Hours
- MKTG 4805 - Sales Management 3 Credit Hours
- MKTG 4861 - Services Marketing 3 Credit Hours
- MKTG 4864 - Consumer Behavior 3 Credit Hours
- MKTG 4866 - International Marketing 3 Credit Hours
- PHED 3640 - History of Sport 3 Credit Hours
- PHED 3641 - Psychology of Sport 3 Credit Hours
- PHIL 3160 - Philosophy in Literature and Film 3 Credit Hours
- POLS 3102 - Gender and Politics 3 Credit Hours
- POLS 3103 - Media and Politics 3 Credit Hours
- POLS 4202 - Interorganizational Behavior 3 Credit Hours
- POLS 4215 - Management of Non-Profit Organizations 3 Credit Hours
- PSYC 3200 - Introduction to Organizational Development 3 Credit Hours
- PSYC 3590 - Sports Psychology 3 Credit Hours
- PSYC 3600 - Psychology of Communication 3 Credit Hours
- PSYC 3730 - Social Psychology 4 Credit Hours
- PSYC 4003 - Statistics for the Social Sciences 3 Credit Hours
- PSYC 4090 - Groups and Group Process 3 Credit Hours

- PSYC 4140 - Psychology of Gender 3 Credit Hours
- PSYC 4190 - Advanced Organizational Development 3 Credit Hours
- PSYC 4500 - Explorations into Creativity 3 Credit Hours
- SOCI 3100 - Sociology of Humor 3 Credit Hours
- SOCI 3273 - Managing Cultural Differences 3 Credit Hours
- SOCI 3603 - Sociology of Gender 3 Credit Hours
- SOCI 3733 - Social Psychology: The Sociological Tradition 3 Credit Hours
- SOCI 3943 - American Class System 3 Credit Hours
- SOCI 4203 - Women in American Society 3 Credit Hours
- SOCI 4323 - Sociology of Race 3 Credit Hours
- SOCI 4373 - Visual Sociology 3 Credit Hours
- SOCI 4623 - Art, Media, Cultural Politics 3 Credit Hours
- SOCI 4700 - Sociology of Emotions 3 Credit Hours
- SOCI 4916 - Gender and Work 3 Credit Hours
- SPMG 3661 - Sociology of Sport 3 Credit Hours
- SPMG 3665 - Communication in Sport 3 Credit Hours
- SPMG 4665 - Sport Marketing and Promotion 3 Credit Hours
- GFA 2000 - Film, Television & Digital Entertainment Internship 6 Credit Hours
- GFA 2010 - Set Construction and Scenic Planning 6 Credit Hours
- GFA 2020 - Lighting and Electric 6 Credit Hours
- GFA 2030 - Grip and Rigging 6 Credit Hours
- GFA 2040 - Post Production 6 Credit Hours
- GFA 2050 - Introduction to Special Makeup Effects 6 Credit Hours
- GFA 2060 - Production Accounting 3 Credit Hours
- FORL 3111 - World Film 3 Credit Hours
- GRMN 4200 - Seminar in German Literature 3 Credit Hours
- GRMN 4230 - Kafka and the Kafkaesque in Literature and Film 3 Credit Hours
- GRMN 4240 - Mystery and Horror in German Literature and Film 3 Credit Hours
- GRMN 4250 - Contemporary German Cinema 3 Credit Hours

Minor or GFA Certification 12-18 Hours

GFA certification requires 12 additional hours

Minor requires 15-18 hours

Total: 120 Hours

Major Requirements

Minimum grade of C for ENGL 1101 , ENGL 1102 , COMM 1110 , COMM 1154 , and COMM 3353.

Must complete a major declaration form.

A maximum of 6 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 or GFA certification.

No more than 24 credit hours of GFA can be applied to the degree.

Mass Communications, B.S.

Through sequenced study in Digital Media & Entertainment, Film & Video Production, Journalism, 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, SCFM Productions, The West Georgian, WOLF Radio, and WUTV. Located approximately 45 miles west of Atlanta, the School also gives students the opportunity to regularly network and intern with communication, film, and media 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.

Digital Media & Entertainment engages students in courses that build knowledge and skills in traditional and emerging digital media. Students explore historical, theoretical, and structural concepts of programming, management, and production of informational and entertainment 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 in areas such as audio production, broadcasting, esports, live-streaming, music recording, podcasting, radio, social media, television, video, and other forms of digital entertainment and information. Students gain hands-on experience in classes throughout the curriculum, while also having the option of developing skills in student-operated media/experiential learning labs, such as WOLF Radio and WUTV.

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. Students also have the option of developing skills in student-operated media/experiential learning labs, such as SCFM Productions, WOLF Radio, and WUTV.

Journalism engages students in courses that build knowledge and skills in writing, reporting, and producing socially responsible and responsive news in today's 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 The West Georgian, WOLF Radio, and WUTV.

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.

Additionally, outstanding students pursuing this degree may apply to the Accelerated Bachelor's to Master's Degree Program, which offers the opportunity to simultaneously satisfy partial degree requirements for a bachelor's and a master's degree in an accelerated program of study. Up to two courses taken as an undergraduate can be applied toward the Master's degree in Digital and Social Media Communication.

Upon completion of the B.S. in Mass Communications with a satisfactory undergraduate grade point average and a grade of "B" or better in all graduate courses completed, the student may move to full graduate status in the M.S. in Digital and Social Media Communication, and the courses taken as an undergraduate will be applied toward the graduate degree.

Below are the graduate courses for which students can receive credit toward both the graduate and undergraduate degrees, along with the undergraduate courses which they would replace. Students on this pathway may receive credit for up to two such courses for a B.S. in Mass Communications.

COMM 6654 - Digital and Social Media Communication Law can replace COMM 4454 - Media Law

COMM 6684 - Research Methods in Digital and Social Media Communication can replace COMM 4484 - Mass Communications Research Methods

COMM 6600 - Digital and Social Media Communication Theories can replace COMM 4600 - Communication Theory

Learning Outcomes

The Accrediting Council on Education in Journalism and Mass Communications (ACEJMC) requires that, irrespective of their particular specialization, all graduates should be aware of certain core values and competencies and be able to:

• apply the principles and laws of freedom of speech and press, in a global context, and for the country in which the institution that invites ACEJMC is located;

• demonstrate an understanding of the multicultural history and role of professionals and institutions in shaping communications;

• demonstrate culturally proficient communication that empowers those traditionally disenfranchised in society, especially as grounded in race, ethnicity, gender, sexual orientation and ability, domestically and globally, across communication and media contexts;

• present images and information effectively and creatively, using appropriate tools and technologies;

• write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve;

• demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity;

• apply critical thinking skills in conducting research and evaluating information by methods appropriate to the communications professions in which they work;

• effectively and correctly apply basic numerical and statistical concepts;

• critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness;

• apply tools and technologies appropriate for the communications professions in which they work.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

- COMM 1154 - Introduction to Mass Communications 3 Credit Hours
- COMM 1110 - Public Speaking 3 Credit Hours
- COMM 2254 - Media Ethics 3 Credit Hours
- Foreign Language - 1000 or 2000 level 6
- Humanities or Social Sciences Elective 3 (or)
- COMM 1121 - Experiential Learning Lab 1-6 Credit Hours

Courses Specific for the Major: 42-45 Hours

Required Courses: 24 Hours

Journalism Concentration

- COMM 3301 - Fundamentals of Newswriting 3 Credit Hours
  (and)
- COMM 3303 - Layout and Design 3 Credit Hours **(or)**
- COMM 4403 - Photojournalism 3 Credit Hours
  (and)
- COMM 3352 - Fundamentals of Television Production 3 Credit Hours
  (and)
- COMM 3302 - Writing Across Media 3 Credit Hours **(or)**
- COMM 4402 - Feature Writing 3 Credit Hours
  (and)
- COMM 4421N - Practicum-The West Georgian 1.0 - 3.0 Credit Hours **(or)**
- COMM 4421T - Practicum - WUTV 1.0 - 3.0 Credit Hours
  (and)
- COMM 4450 - Advanced Media Writing and Reporting 3 Credit Hours
- COMM 4454 - Media Law 3 Credit Hours
  (or)
- COMM 6654 Digital and Social Media Communication Law 3 Credit Hours
- COMM 4484 - Mass Communications Research Methods 3 Credit Hours
  (or)
- COMM 6684 Research Methods in Digital and Social Media Communication 3 Credit Hours

Digital Media & Entertainment Concentration

- COMM 3301 - Fundamentals of Newswriting 3 Credit Hours **(or)**
- COMM 3302 - Writing Across Media 3 Credit Hours
  (or)
- COMM 3305 - Short-Form Screenwriting & Analysis 3 Credit Hours
  (and)
- COMM 3350 - Digital Media Industries 3 Credit Hours
  (and)
- COMM 3351 - Radio & Audio Production 3 Credit Hours **(or)**
- COMM 3352 - Fundamentals of Television Production 3 Credit Hours
  (and)
- COMM 3354 - Digital Social Media & Society 3 Credit Hours
  (and)
- COMM 3355 - Digital Media Programming & Management 3 Credit Hours
  (and)
- COMM 4421R - Practicum - WOLF Radio 1.0 - 3.0 Credit Hours **(or)**
- COMM 4421T - Practicum - WUTV 1.0 - 3.0 Credit Hours
  (and)
- COMM 4456 - Digital Content Creation 3 Credit Hours **(and)**
- COMM 4454 - Media Law 3 Credit Hours
  (or)
- COMM 6654 Digital and Social Media Communication Law 3 Credit Hours
- COMM 4484 - Mass Communications Research Methods 3 Credit Hours
  (or)
- COMM 6684 Research Methods in Digital and Social Media Communication 3 Credit Hours

One (1) of the following:

- COMM 3356 - Film and Culture 3 Credit Hours
- COMM 3357 - Diversity and Mass Media 3 Credit Hours
- COMM 4455 - Contemporary Issues in Mass Communications 3 Credit Hours

Film & Video Production Concentration

- COMM 2256 - Film Form and Aesthetics 3 Credit Hours
- COMM 3305 - Short-Form Screenwriting & Analysis 3 Credit Hours
- COMM 3353 - Fundamentals of Film & Video Production 3 Credit Hours
- COMM 3356 - Film and Culture 3 Credit Hours
  (and)
- COMM 4425 - Documentary Production Practices 3 Credit Hours
  (or)
- COMM 4426 - Fiction Film Production 3 Credit Hours
  (or)
- COMM 4452 - Advanced Film & Video Production 3 Credit Hours
  (and)
- COMM 4454 - Media Law 3 Credit Hours
  (or)
- COMM 6654 Digital and Social Media Communication Law
- COMM 4484 - Mass Communications Research Methods 3 Credit Hours
  (or)

- COMM 6684 Research Methods in Digital and Social Media Communication

Two (2) of the following:

- COMM 4405 - Sound Design 3 Credit Hours
- COMM 4406 - Cinematography 3 Credit Hours
- COMM 4407 - Film & Video Editing 3 Credit Hours
- COMM 4408 - Producing for Film & Video 3 Credit Hours
- COMM 4409 - Directing for Film & Video Production 3 Credit Hours

Public Relations Concentration

- COMM 3302 - Writing Across Media 3 Credit Hours
- COMM 3313 - Public Relations Principles 3 Credit Hours
- COMM 4413 - Public Relations Cases 3 Credit Hours
- COMM 4414 - Public Relations Management 3 Credit Hours
- COMM 4444 - Public Relations Campaigns 3 Credit Hours
- COMM 4451 - Public Relations Writing 3 Credit Hours
- COMM 4454 - Media Law 3 Credit Hours
  (or)
- COMM 6654 Digital and Social Media Communication Law 3 Credit Hours
- COMM 4484 - Mass Communications Research Methods 3 Credit Hours
  (or)
- COMM 6684 Research Methods in Digital and Social Media Communication 3 Credit Hours

One (1) of the following

- COMM 4421P - Practicum: Bluestone Public Relations Firm 3 Credit Hours
- COMM 4486 - Internship 3 Credit Hours

Comm Electives: 12 Hours

Mass Communications majors must take at least 12 hours COMM 3000-4000 level courses.

The remaining 3-6 credit hours (depending on the minor) can be from any discipline, at any level of learning, including COMM 1000-4000.

Additionally, students may take up to 6 hours of internship (COMM 4486) for credit in their degree program, and students may take up to 6 credit hours of 3000-4000 level practica courses in their degree program. However, students may not exceed a total of 9 credit hours of internship and practica combined.

Complete a combined total of 18 credit hours if minor = 18 credit hours

Complete a combined total of 21 credit hours if minor = 15 credit hours

Students pursuing the Accelerated Bachelor's to Master's Pathway may begin earning credit toward an M.S. in Digital and Social Media Communication while completing their B.S. in Mass Communications by counting up to 6 hours for both degrees.

Two of these options are required classes, with a third possible substitution being COMM 6600 - Digital and Social Media Communication Theories, which can replace COMM 4600 - Communication Theory as a major elective.

Additional Electives: 3-6 Hours

Up to 6 credit hours of the remaining electives may be from any discipline, at any level of learning, including COMM 1000-4000.

Minor or GFA Certification: 15-18 Hours

GFA Certification requires 18 hours

Minor requires 15-18 hours

Total: 120 Hours

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 6 credit hours of COMM 4421 (Practicum) may count toward major requirements though you may complete additional credit hours.
- A maximum of 6 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 or GFA Certification.

Stand Alone Certificates

Certificate of Less than One Year in Communication in the Workplace

This 12-hour certificate seeks to equip students with communication skills vital to success in any workplace. Students will learn how to give effective presentations, engage cooperatively as part of a team, and manage conflict productively. Additionally, students will learn how to competently and ethically communicate in a diverse world by studying both global cultures and various co-cultures within the United States.

Required Courses: 9 hours

These courses are required to earn the certificate and can be taken in any order.

- COMM 3320 - Communicating in Groups 3 Credit Hours
- COMM 3360 - Communicating across Cultures 3 Credit Hours
- COMM 4210 - Communication and Conflict 3 Credit Hours

Elective Course: 3 hours

In addition to the 9 hours of required courses, students should choose one elective course from this list to complete their certificate. This list includes other Communication Studies courses within our School and also presents the student with course options outside the School so that the student can more fully tailor the program to their career interests.

- ABED 3100 - Business Communication 3 Credit Hours
- BIOL 4411 - Scientific Communication 3 Credit Hours
- CHEM 4411 - Scientific Communication 3 Credit Hours
- GEOG 4411 - Scientific Communication 3 Credit Hours
- GEOL 4411 - Scientific Communication 3 Credit Hours
- CEPD 3200 - Skills and Ethics in Human Services 3 Credit Hours
- COMM 3200 - Rhetorical Theory and Analysis 3 Credit Hours
- COMM 3310 - Persuasion and Social Influence 3 Credit Hours
- COMM 3330 - Advanced Communication Skills 3 Credit Hours
- COMM 3340 - Interpersonal Communication 3 Credit Hours
- COMM 4200 - Communication and Gender 3 Credit Hours
- COMM 4220 - Health Communication in Interpersonal Contexts 3 Credit Hours
- COMM 4600 - Communication Theory 3 Credit Hours
- CRIM 4068 - Conflict Management and Policing 3 Credit Hours
- ENGL 3405 - Professional and Technical Writing 3 Credit Hours
- ENGL 4304 - Advanced Writing in Disciplines 3 Credit Hours
- MGNT 3600 - Principles of Management 3 Credit Hours
- MGNT 3627 - Managing Cultural Differences 3 Credit Hours
- MGNT 4626 - Women and Work 3 Credit Hours
- MGNT 4630 - Negotiation and Conflict Management 3 Credit Hours
- PHYS 4411 - Scientific Communication 3 Credit Hours
- POLS 4215 - Management of Non-Profit Organizations 3 Credit Hours
- POLS 4219 - Public Human Resource Management 3 Credit Hours
- PSYC 3200 - Introduction to Organizational Development 3 Credit Hours
- PSYC 3600 - Psychology of Communication 3 Credit Hours
- PSYC 4090 - Groups and Group Process 3 Credit Hours
- PSYC 4190 - Advanced Organizational Development 3 Credit Hours
- SOCI 3273 - Managing Cultural Differences 3 Credit Hours
- SOCI 3283 - Globalization 3 Credit Hours
- SOCI 4103 - Women and Work 3 Credit Hours
- SOCI 4916 - Gender and Work 3 Credit Hours

Certificate of Less than One Year in Health Communication

This 12-hour certificate seeks to provide students the opportunity to focus on communication in the healthcare context. Students will learn how various factors (demographics, personality, communication styles, personal history, cultural background) impact patient-provider interactions. They will also study public health messaging, paying particular attention to health communication campaigns and discussions of health-related issues in the public sphere.

Required Courses (9 credit hours)

Students are required to take both COMM 4220 and COMM 4221. They can then choose to take either COMM 3340 Advanced Interpersonal Communication OR COMM 3360 Intercultural Communication.

- COMM 4220 - Health Communication in Interpersonal Contexts 3 Credit Hours
- COMM 4221 - Health Communication Campaigns 3 Credit Hours

and

- COMM 3340 - Interpersonal Communication 3 Credit Hours
  or
- COMM 3360 - Communicating across Cultures 3 Credit Hours

Elective (3 credit hours)

Students are required to take one health-related, outside elective from the list provided. This will allow students to tailor their certificate program to their specific interests and career goals. Moreover, requiring an outside elective also embraces the notion that health communication is interdisciplinary in nature.

- ANTH 3180 - Environment and Health: Anthropological Perspectives 3 Credit Hours
- ANTH 4121 - Drugs, Culture & Society 3 Credit Hours
- ANTH 4130 - Medical Anthropology 3 Credit Hours
- ANTH 4190 - Modern Shamanism 3 Credit Hours
- BIOL 4411 - Scientific Communication 3 Credit Hours
- CHEM 4411 - Scientific Communication 3 Credit Hours
- GEOG 4411 - Scientific Communication 3 Credit Hours
- GEOL 4411 - Scientific Communication 3 Credit Hours
- PHYS 4411 - Scientific Communication 3 Credit Hours
- POLS 4208 - Health Policy 3 Credit Hours
- PSYC 3580 - Holistic Health Psychology 3 Credit Hours
- PSYC 3800 - Psychology of Mind and Body 3.0 - 4.0 Credit Hours
- SOCI 3804 - Death, Grief and Caring 3 Credit Hours
- SOCI 4439 - Sociology of Global Health 3 Credit Hours
- SOCI 4440 - Medical Sociology 3 Credit Hours
- SOCI 4441 - Sociology of Mental Health 3 Credit Hours

Minor

Communication Studies Minor

Regardless of major, students need effective communication skills to be successful in today's job market. Students will develop critical abilities in a variety of contexts.

The Communication Studies minor requires 15 hours of coursework which includes COMM 1110 and 12 credit hours of upper-level courses from the list of course options listed below.

Learning Outcomes:

1. Students will be able to demonstrate the ability to give an effective presentation
2. Students will be able to describe a communication theory in detail
3. Students will be able to apply communication theories to analyze a communication context

Requirements: 15 Hours

- COMM 1110 - Public Speaking 3 Credit Hours **(and)**

Choose four of the following:

- COMM 3200 - Rhetorical Theory and Analysis 3 Credit Hours
- COMM 3310 - Persuasion and Social Influence 3 Credit Hours
- COMM 3320 - Communicating in Groups 3 Credit Hours
- COMM 3340 - Interpersonal Communication 3 Credit Hours
- COMM 3360 - Communicating across Cultures 3 Credit Hours
- COMM 4200 - Communication and Gender 3 Credit Hours
- COMM 4210 - Communication and Conflict 3 Credit Hours
- COMM 4220 - Health Communication in Interpersonal Contexts 3 Credit Hours
- COMM 4600 - Communication Theory 3 Credit Hours

Film & Video Production Minor

Requirements

- COMM 1154 - Introduction to Mass Communications 3 Credit Hours
- COMM 3353 - Fundamentals of Film & Video Production 3 Credit Hours
- COMM 3356 - Film and Culture 3 Credit Hours
  (and)
- COMM 3305 - Short-Form Screenwriting & Analysis 3 Credit Hours **(or)**
- ENGL 3200 - Intermediate Creative Writing 3 Credit Hours **(or)**
- FILM 3200 - Screenwriting 3 Credit Hours
  (and)
- COMM 4405 - Sound Design 3 Credit Hours **(or)**
- COMM 4406 - Cinematography 3 Credit Hours **(or)**
- COMM 4407 - Film & Video Editing 3 Credit Hours

Total: 15 Hours

Mass Communications Minor

Requirements

- COMM 1154 - Introduction to Mass Communications 3 Credit Hours

Electives: 12 Hours

- Must be 3000-4000 level COMM courses.

Students pursuing an Accelerated Bachelor to Masters Pathway may take up to 6 credit hours of approved 6000 level classes:

Total: 15 Hours

Nexus

Film & Television Production, Nexus

The Nexus in Film & Television program offers multi-disciplinary training by professionals in the film, TV and new media industries. Students complete 42 credit hours in general education while engaging in hands-on lessons working with professional equipment (cameras, sound gear, lights, and more) as well as production trucks, generators and sound studio space through the courses offered by the Georgia Film Academy.

Learning Outcomes

1. Demonstrate professional skills in the High Demand Career Initiative (HDIC) field of film production.

2. Demonstrate knowledge of film industry standard organizational structure, professional equipment, and onset procedures.

3. Demonstrate knowledge of film industry professional competencies and work habits in a craft department and including standard procedures and protocols.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study in Film Production: 18 Hours

Complete both:

- GFA 1000 - Introduction to Film & Television Production 6 Credit Hours * **and**
- GFA 3010 - Production Design 1 6 Credit Hours **Or**
- GFA 3020 - Motion Picture Set Lighting 1 6 Credit Hours

*Note: GFA 1000 fulfills the Nexus Degree experiential learning requirement.

Choose one from the following:

- GFA 4000 - Film, Television & Digital Entertainment Apprenticeship 6 Credit Hours
- GFA 4010 - Production Design II 6 Credit Hours
- GFA 4020 - Motion Picture Set Lighting II 6 Credit Hours

Total: 60 Hours

Tanner Health School of Nursing

Imelda Reyes, DNP, MPH, APRN, FAANP, Dean
Tanner Health System School of Nursing • 678-839-6552
https://www.westga.edu/nursing

Professors:

C. Brown, L. Caramanica (Graduate Program Director), K. Morales (Associate Dean), I Reyes (Dean)

Associate Professors:

P. Dunagan, K. Dyar (Director of Inquiry and Scholarship), C. Johnson (Assistant Dean, Experiential Learning Center), L. Phillips, A. Yarbrough (Faculty Development Coordinator)

Assistant Professors:

K. Aldom, G. Bonful, A. Bowman, L. Coggin, S. Belim, J. Bryan, K. Crawford, M. Davis, O. Duah, Q. Howell, S. Johnson, S. Jonassen (BSN Director), C. Jordan, F. Laurent, A. Moody, D. Morris, T. Naguszewski, S. Robinson-Harris, L. Scott, J. Snow-Weston, J. Tucker, T. Warren

The Tanner Health 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 pre-licensure students with programs in Carrollton and Newnan, 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 to BSN track, is for individuals who are licensed registered nurses with associate degrees or diplomas in nursing. Students in the Bachelor of Science in Nursing Program for Registered Nurses (RN to BSN) will be granted transfer credit for ASN/ADN and Diploma courses as defined by University of West Georgia policies and/or as described in the Georgia RN to 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 program include, but are not limited to, hospitals, home health, public health, schools, and industry.

Mission Statement

The University of West Georgia, Tanner Health 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, which includes the use of 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/

Commission on Collegiate Nursing Education
655 K Street, NW, Suite 750

Washington, DC 20001
www.aacn.nche.edu
202-887-6791

Admission Requirements

Admission to the BSN Program is a separate and independent process that occurs after admission to the University of West Georgia. It is competitive and spaces are limited. Students who wish to pursue a degree in nursing should consult with a nursing advisor. 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.

Pre-licensure BSN Track

In addition to the admission requirements for the University of West Georgia, students applying for admission to the Pre-licensure BSN Program must have a program grade point average (GPA) of 2.75 or higher on a 4.0 scale. All students should refer to the nursing website for up-to-date admission criteria (www.westga.edu/academics/nursing/index.php). Also, the Prelicensure BSN program requires Certified Nursing Assistant (CNA) status and completion of HESI A2 examination Completion of the Prelicensure BSN degree does not provide the licensure/certification necessary to work as a registered nurse: NCLEX-RN is the licensure examination taken after graduation. Refer to BSN program web page for more information.

RN to BSN Track for Registered Nurses

In addition to the admission requirements for the University of West Georgia, students applying for admission to the RN to BSN Program should refer to the website for up-to-date admission criteria
www.westga.edu/academics/nursing/index.php

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 these 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. Pre-licensure 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. Students 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 www.westga.edu/nursing/ and click on the Students, then Current Students links.

Curriculum

The BSN Program pre-licensure track requires 123 semester credit hours for graduation while the RN to BSN Program requires 120 semester credit hours. The BSN Program combines a rich and liberal foundation in the arts, sciences, and humanities with a unique program emphasizing the art and science of nursing.

Note:

The following pre-licensure BSN and RN to 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.

Bachelor of Science in Nursing

Nursing, Pre-licensure Track, Carrollton, BSN

The BSN Program pre-licensure track requires 123 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 IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area T to be completed as follows: 11 Hours

- BIOL 1107 - Principles of Biology I 3 Credit Hours **(and)**

- BIOL 1108 - Principles of Biology II 3 Credit Hours with labs
  (or)
- CHEM 1151 - Survey of Chemistry I 3 Credit Hours **(and)**
- CHEM 1152 - Survey of Chemistry II 3 Credit Hours with labs
  (or)
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours **(and)**
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours with labs
  (or)
- PHYS 1111 - Introductory Physics I 3 Credit Hours **(and)**
- PHYS 1112 - Introductory Physics II 3 Credit Hours with labs
- MATH 1401 - Elementary Statistics 3 Credit Hours

Field of Study, which includes: 18 Hours

- BIOL 2251 - Anatomy and Physiology I 3 Credit Hours
- BIOL 2251L - Anatomy and Physiology I Laboratory 1 Credit Hours **(and)**
- BIOL 2252 - Anatomy and Physiology II 3 Credit Hours
- BIOL 2252L - Anatomy and Physiology II Laboratory 1 Credit Hours **(and)**
- BIOL 2260 - Foundations of Microbiology 3 Credit Hours
- BIOL 2260L - Foundations of Microbiology Laboratory 1 Credit Hours **(and)**
- ** PSYC 1030 - Personal Relationships 3 Credit Hours
  (or)
- ** PSYC 1101 - Introduction to General Psychology 3 Credit Hours (eCore)
  (or)
- ** SOCI 1101 - Introductory Sociology 3 Credit Hours (eCore)
  (or)
- ** SOCI 1160 - Introduction to Social Problems 3 Credit Hours
- NURS 2101 - Pathophysiology and Pharmacology I 3 Credit Hours
  **Student may not use the same PSYC or SOCI course to fulfill both Core IMPACTS Area S and Field of Study requirements.

Pre-licensure BSN Track

In addition to the Core IMPACTS requirements (57 semester hours) as specified in the UWG Undergraduate Catalog, pre-licensure BSN students must complete the following nursing courses (66 semester hours):

Carrollton BSN Program Pre-Licensure Track (6 Semesters) Summer 2021

Six semesters - 66 credit hours

First Semester

(Summer - 7 semester hours)

- NURS 3101 - Professional Nursing Concept I 3 Credit Hours
- NURS 3000 - Holistic Health Assessment 3 Credit Hours
- NURS 3210 - Medication Mathematics 1 Credit Hours

Second Semester

(Fall - 13 semester hours)

- NURS 2101 - Pathophysiology and Pharmacology I 3 Credit Hours (Counts in Area F.
- NURS 3201 - Health Care of the Client I 4 Credit Hours
- NURS 3301 - Clinical Practice I 6 Credit Hours

Third Semester

(Spring - 13 semester hours)

- NURS 3202 - Health Care of the Client II 4 Credit Hours
- NURS 3302 - Clinical Practice II 6 Credit Hours
- NURS 3100 - Pathophysiology & Pharmacology II 3 Credit Hours

Fourth Semester

(Summer - 5 semester hours)

- NURS 3102 - Professional Nursing Concepts II 2 Credit Hours
- NURS 3400 - Nursing Research and Evidence-Based Practice 3 Credit Hours

Fifth Semester

(Fall - 15 semester hours)

- NURS 4201 - Health Care of the Client III 4 Credit Hours
- NURS 4300 - Clinical Specialty Practice 3 Credit Hours
- NURS 4301 - Clinical Practice III 5 Credit Hours
- NURS 4103 - Professional Nursing Concepts Capstone 3 Credit Hours

Sixth Semester

(Spring - 13 semester hours)

- NURS 4000 - Preparation for Nursing Licensure 2 Credit Hours
- NURS 4202 - Health Care of the Client IV 3 Credit Hours
- NURS 4302 - Clinical Practice IV 8 Credit Hours

Nursing, Pre-Licensure Track, Newnan, BSN

The BSN Program pre-licensure track requires 123 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 IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area T to be completed as follows: 11 Hours

- BIOL 1107 - Principles of Biology I 3 Credit Hours
  (and)
- BIOL 1108 - Principles of Biology II 3 Credit Hours with labs
  (or)
- CHEM 1151 - Survey of Chemistry I 3 Credit Hours
  (and)
- CHEM 1152 - Survey of Chemistry II 3 Credit Hours with labs
  (or)
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours
  (and)
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours with labs
  (or)
- PHYS 1111 - Introductory Physics I 3 Credit Hours
  (and)
- PHYS 1112 - Introductory Physics II 3 Credit Hours with labs
- MATH 1401 - Elementary Statistics 3 Credit Hours

Field of Study, which includes: 18 Hours

- BIOL 2251 - Anatomy and Physiology I 3 Credit Hours
- BIOL 2251L - Anatomy and Physiology I Laboratory 1 Credit Hours **(and)**
- BIOL 2252 - Anatomy and Physiology II 3 Credit Hours
- BIOL 2252L - Anatomy and Physiology II Laboratory 1 Credit Hours **(and)**
- BIOL 2260 - Foundations of Microbiology 3 Credit Hours
- BIOL 2260L - Foundations of Microbiology Laboratory 1 Credit Hours **(and)**
- ** PSYC 1030 - Personal Relationships 3 Credit Hours
  (or)
- ** PSYC 1101 - Introduction to General Psychology 3 Credit Hours (eCore) **(or)**
- ** SOCI 1101 - Introductory Sociology 3 Credit Hours (eCore) **(or)**
- ** SOCI 1160 - Introduction to Social Problems 3 Credit Hours
- NURS 2101 - Pathophysiology and Pharmacology I 3 Credit Hours
  ** Students may not use the same PSYC or SOCI course to fulfill both Core IMPACTS Area S and Field of Study requirements.

Pre-Licensure Track

In addition to the Core IMPACTS requirements (57 semester hours) as specified in the UWG Undergraduate Catalog, pre-licensure BSN students must complete the following nursing courses (66 semester hours):

Newnan BSN Program Pre-Licensure Track (8 Semesters) Summer 2021

8 Semesters - 66 Credit Hours

First Semester

(Summer - 6 semester hours)

- NURS 3000 - Holistic Health Assessment 3 Credit Hours
- NURS 3101 - Professional Nursing Concept I 3 Credit Hours

Second Semester

(Fall - 6 semester hours)

- NURS 3102 - Professional Nursing Concepts II 2 Credit Hours
- NURS 3400 - Nursing Research and Evidence-Based Practice 3 Credit Hours
- NURS 3210 - Medication Mathematics 1 Credit Hours

Third Semester

(Spring - 13 semester hours)

- NURS 3201 - Health Care of the Client I 4 Credit Hours
- NURS 3301 - Clinical Practice I 6 Credit Hours
- NURS 2101 - Pathophysiology and Pharmacology I 3 Credit Hours

Fourth Semester

(Summer - 0 semester hours)

Fifth Semester

(Fall - 13 semester hours)

- NURS 3202 - Health Care of the Client II 4 Credit Hours
- NURS 3302 - Clinical Practice II 6 Credit Hours
- NURS 3100 - Pathophysiology & Pharmacology II 3 Credit Hours

Sixth Semester

(Spring - 12 semester hours)

- NURS 4201 - Health Care of the Client III 4 Credit Hours
- NURS 4301 - Clinical Practice III 5 Credit Hours
- NURS 4300 - Clinical Specialty Practice 3 Credit Hours

Seventh Semester

(Summer - 3 semester hours)

Eighth Semester

(Fall - 13 semester hours)

- NURS 4000 - Preparation for Nursing Licensure 2 Credit Hours
- NURS 4202 - Health Care of the Client IV 3 Credit Hours
- NURS 4302 - Clinical Practice IV 8 Credit Hours

Nursing, RN to BSN Track, BSN

The BSN Program RN to BSN track 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 IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core IMPACTS Area T to be completed as follows: 11 Hours

- BIOL 1107 - Principles of Biology I 3 Credit Hours **(and)**
- BIOL 1108 - Principles of Biology II 3 Credit Hours with labs
  (or)
- CHEM 1151 - Survey of Chemistry I 3 Credit Hours **(and)**
- CHEM 1152 - Survey of Chemistry II 3 Credit Hours with labs
  (or)
- CHEM 1211 - Principles of Chemistry I 3 Credit Hours **(and)**
- CHEM 1212 - Principles of Chemistry II 3 Credit Hours with labs
  (or)
- PHYS 1111 - Introductory Physics I 3 Credit Hours **(and)**
- PHYS 1112 - Introductory Physics II 3 Credit Hours with labs
- MATH 1401 - Elementary Statistics 3 Credit Hours

Field of Study, which includes: 18 Hours

- BIOL 2251 - Anatomy and Physiology I 3 Credit Hours
- BIOL 2251L - Anatomy and Physiology I Laboratory 1 Credit Hours **(and)**
- BIOL 2252 - Anatomy and Physiology II 3 Credit Hours
- BIOL 2252L - Anatomy and Physiology II Laboratory 1 Credit Hours **(and)**
- BIOL 2260 - Foundations of Microbiology 3 Credit Hours
- BIOL 2260L - Foundations of Microbiology Laboratory 1 Credit Hours **(and)**
- 6 credit hours of social science electives or lower division NURS 6** Students may not use the same PSYC or SOCI course to fulfill both Core IMPACTS Area S and Field of Study requirements.

RN to BSN Track

RN to BSN courses are offered 100% online. Program admission is for Fall semester each year. The professional sequence may be completed in four semesters.

In addition to the Core IMPACTS requirements (60 semester hours) as specified in this Undergraduate Catalog, RN to BSN students must complete the following nursing courses (30 semester hours):

First Semester

(Fall - 7 semester hours)

- NURS 4500 - Introduction to Scholarly Writing for RNs 1 Credit Hours
- NURS 4501 - Transition to Professional Nursing Practice for RNs 3 Credit Hours
- NURS 4502 - Pathophysiology for RNs 3 Credit Hours

Second Semester

(Spring - 9 semester hours)

- NURS 4503 - Nursing Issues 3 Credit Hours
- NURS 4504 - Nursing Research & Evidence-Based Practice for RNs 3 Credit Hours
- NURS 4505 - Nursing Informatics for RNs 3 Credit Hours

Third Semester

(Summer - 6 semester hours)

- NURS 4506 - Holistic Health Assessment for RNs 3 Credit Hours
- NURS 4507 - Introduction to Healthcare Communities for RNs 3 Credit Hours

Fourth Semester

(Fall - 8 semester hours)

- NURS 4508 - Lead Mgt Pract 5 Credit Hours

Additional Information

Courses are offered 100% online. Clinical experiences may be scheduled during daytime and evening hours and/or on weekends.

Georgia RN to BSN Articulation Plan

The University of West Georgia participates in the Georgia RN to BSN Articulation Plan. The plan was developed through the collaborative efforts of faculty of the ASN/ADN 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/ADN or Diploma Program within 0-4 years.

OR

Graduation from an ASN/ADN 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 license. Transfer of lower division nursing credits and/or RN to BSN Articulation Plan credit allowed for ASN/ADN is up to 36 hours.

The following steps outline the Articulation Plan:

Step 1

Students enrolled in NURS 4503 - Nursing Issues will be asked to complete and sign the "Documentation for RN to BSN Articulation Agreement Form" to indicate eligibility for transfer by articulation. The completed form will be placed in each student's file.

Step 2

After successful completion of NURS 4503 - Nursing Issues , each student will receive the "Credit by Examination Form" signed by the Dean, indicating approval of the "credit by exam" as outlined in the Articulation Plan.

The following students will not be eligible for participation in the Georgia RN to BSN Articulation Plan:

- Graduates of ASN/ADN and Diploma programs greater than 4 years ago with less than 1000 clinical practice hours in the previous 3 years.
- No Current and valid license to practice as an RN license.

Please note: Falsification of student information related to the Georgia RN to BSN Articulation Plan will result in dismissal from the UWG RN to BSN Program.

For students who do not hold licensure as a Registered Nurse in the state of Georgia but are currently licensed as a Registered Nurse in another state, awarding of credits for previous course work in an ASN/ADN or Diploma program will follow similar guidelines as those outlined above for the articulation plan.

University College

Karen Owen, Dean

https://www.westga.edu/university-college

University College equips every student at the University of West Georgia (UWG) to become successful both academically and professionally. Our faculty and staff encourage and support every student to choose his or her pathway to success. University College empowers every student and supports every college and school at UWG.

University College serves as the home for academic and student support units including Academic Transition Programs, the Department of Student Success (i.e., Center for Academic Success and University Advising), and the Department of Multicultural Achievement.

University College also includes academic programs and departments, including the Department of Civic Engagement and Public Service (housing the degree programs in Criminology and Criminal Justice and Political Science), the Department of General Education, which houses First-Year Writing and First-Year Mathematics, and the Department of Interdisciplinary Studies (which houses the degree program in Interdisciplinary Studies)

Department of Civic Engagement and Public Service

The purpose of the Department of Civic Engagement and Public Service is to promote the ideals of civic engagement and public service for students, faculty and staff through the lens of political science and criminology. The department seeks to offer students research and educational opportunities through collaborative efforts with campus groups, as well as local, state, regional, national and international organizations and government agencies, and to cultivate connections between scholars, practitioners, and the general public.

Department of General Education

The Department of General Education works to provide students with an outstanding academic foundation. GE faculty intend for students to graduate not only with essential reading, writing and quantitative skills, but also with the excitement of academic discovery in a variety of disciplines, a strong foundation in critical reasoning and a firm grounding in ethics. The educational purpose of the general education department is also to provide a diverse student body with opportunities to achieve academically, creatively, and professionally in their chosen fields.

Department of Interdisciplinary Studies

The Department of Interdisciplinary Studies (IDS) endeavors to catalyze, promote, and support modes of inquiry and learning at UWG that cross traditional disciplinary boundaries. It serves this mission in two primary ways: First, by assisting and providing administrative oversight in efforts to infuse and strengthen interdisciplinarity in the curriculum, including the development of new XIDS courses and interdisciplinary degree programs, coordinating the assessment of XIDS courses in the core curriculum, and supporting existing interdisciplinary majors and minors, including the Bachelor of Interdisciplinary Studies (BIS), and minors in Africana Studies, Asian Studies, Classical Studies, Film Studies, Gender and Sexuality Studies, Latin American Studies, and Women's Studies. Second, the Interdisciplinary Studies Department manages and administers the Bachelor of Interdisciplinary Studies, including coordinating the advising and mentoring of BIS majors, managing individualized degree plans, coordinating with academic programs and departments to offer interdisciplinary pathways in Film, Forensic Science & Investigation, Natural Resources Management, Data Science, Religion, and Creative Writing, and Materials Science, Public Management and Society, Public Service, Music and Industry, Music and Wellness, and Social Entrepreneurship, offering the introductory

(XIDS 2000), theory and methods (XIDS 3000), and capstone (XIDS 4000) courses required by the Interdisciplinary Studies major, and supporting IDS majors in undertaking and presenting their capstone projects.

Academic Transition Programs

University College is home to several of the university's high-impact practices aimed to help foster the success of first-year students, including:

- First-Year Seminar (XIDS 2002, 2 credits: Area B2): A course intended to assist in students' intellectual transition to UWG.
- Learning Communities: Communities of 22 or more students that take blocks of courses together around a theme (e.g. Film).
- Living-Learning Communities: Communities of 22 or more students that take blocks of courses together and share a residential community.

University College also houses the academic support unit: the Department of Student Success which includes the Center for Academic Success, University Advising, the University Writing Center, and the STEM Tutoring Center.

Department of Student Success

https://www.westga.edu/academics/university-college/student-success/index.php

We specialize in providing students with the keys to be successful college students. We house two of the University's tutoring facilities-the Center for Academic Success and the University Writing Center-as well as the Advising Center, where students go to receive advice throughout their academic advancement.

Center for Academic Success

The Center for Academic Success seeks to be a resource for students who want to be successful learners. The Center offers Peer Tutoring, Supplemental Instruction, Academic Coaching, Success workshops, and a number of employment opportunities for students.

The STEM Tutoring Center

Boyd 302

https://www.westga.edu/academics/university-college/student-success/stem-center.php

The STEM Tutoring Center supports both science and math courses by offering free drop-in tutoring. The STEM tutoring center is staffed by undergraduate students who have made an "A" in science or math courses

The University Writing Center

TLC 1201

www.westga.edu/writing

The University Writing Center (UWC) works to assist individuals within the UWG community in their pursuit to become better writers, thinkers, and scholars. The UWC offers assistance to writers from all disciplines at any level and is staffed by faculty and graduate writing consultants who provide guidance on a variety of writing-related concerns.

University Advising

https://www.westga.edu/student-services/advising/index.php

University Advising supports students in their path to graduation by delivering information regarding advising and registration, providing appropriate course recommendations to keep students on track, and teaching students to use the tools for self-advisement that the University of West Georgia offers. To ensure students both maximize their use of UWG's structures and resources and make timely progress through their degree requirements, all students are required to meet with their academic advisor each semester prior to registration.

UCC Advising Center - advising@westga.ed

Richards College of Business Advising - rcac@westga.edu

College of Education Advising - coeadv@westga.edu

Department of Multicultural Achievement

The Department of Multicultural Achievement provides curricular and co-curricular programming and services that facilitate retention and progression, while also promoting leadership skills, professional development, and cultural competency to meet the needs of UWG's diverse student populations. DMA's current initiatives include the African American Male Initiative (AAMI), the Multicultural Achievement Program (MAP), Achieve Atlanta, and the Goizueta Scholarship.

Embedded Certificates

Embedded 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

- XIDS 2301 - Introduction to Global Studies 3 Credit Hours
- Approved Study Abroad Program(s) 0-6
- Foreign Language (upper level, may be taken as study abroad) 3-6 *
- Approved Upper Level Courses (from catalogue) 3-6
- GLOB 4186 - Internship in Global Studies 1.0 - 9.0 Credit Hours
- GLOB 4000 - Capstone Seminar 3 Credit Hours

Total: 18 Hours

** If completed in conjunction with a study abroad component, add upper level courses to fulfill required hours.*

Minor

Africana Studies Minor

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. For more information, see program coordinator, Dr. Stacy Boyd.

Requirements

The Africana Studies minor requires fifteen (15) hours from the following:

- ENGL 3350 - Introduction to Africana Studies 3 Credit Hours **(or)**
- HIST 3350 - Introduction to Africana Studies 3 Credit Hours

- 4 additional electives (or 12 credit hours) related to race, Africa, the Caribbean, the African Diaspora, and/or African America chosen from at least 2 different disciplines (e.g. English, History, Sociology, Psychology, Anthropology, Criminology, etc)
- A minimum of 9 credit hours at the 3000-4000 level
- Courses taken to satisfy Major requirements may not be counted toward a Minor.
- Students must maintain a minimum GPA of 2.0 in courses used to satisfy the Minor.

Total: 15 Hours

Asian Studies Minor

What is Asian Studies, and why study it?

This is a program devoted to the multi-disciplinary study of cultures and civilizations of Asia. Students may study the rich historical, religious, artistic or literary traditions of the continent, while also engaging with the region's contemporary dynamic economic, business and social aspects. Students may take advantage of one of the many travel and study abroad programs that work well in conjunction with our program, and will discover that a wide range of opportunities become possible.

Program of Study for the Minor in Asian Studies:

1. Students are required to complete a total of 16 credit hours (5 courses and a 1hr capstone) to be drawn from at least three different departments. At least 9 credits (3 courses) must be taken at the 4000-level, while no more than 6 hours can be at the 2000 level. We provide a list of courses that qualify for our program. In addition, other courses that contain at least 33% subject material on Asia will qualify for the minor, subject to approval by the Minor Committee. Per USG rules, courses taken to satisfy Core areas A-E may not be counted as coursework in the Minor.
2. The capstone, XIDS 4000, is a 1hr course required for completion of the minor

Have questions or would like to declare a Minor in Asian Studies?

Contact Dr. Ihor Pidhainy (ipidhain@westga.edu or 678-839-6508)

Courses that count for Asian Studies minor:

- ART 3210 - Non-Western Art 3 Credit Hours
- ECED 4285 - Special Topics 1.0 - 3.0 Credit Hours
- SPED 4785 - Special Topics in Special Education 1.0 - 3.0 Credit Hours
- EDUC 2120 - Exploring Sociocultural Perspectives on Diversity in Educational Contexts 3 Credit Hours
- FORL 1598 - Elementary Arabic I 3 Credit Hours
- FORL 1599 - Elementary Arabic II 3 Credit Hours
- FORL 1698 - Elementary Chinese I 3 Credit Hours
- FORL 1699 - Elementary Chinese II 3 Credit Hours
- FORL 1798 - Elementary Japanese I 3 Credit Hours
- FORL 1799 - Elementary Japanese II 3 Credit Hours
- FORL 2200 - Survey of National Literatures 3 Credit Hours
- FORL 3111 - World Film 3 Credit Hours
- FORL 4300 - Seminar in Global Studies 3 Credit Hours
- GEOG 1013 - World Geography 3 Credit Hours
- HIST 3315 - Civilization of India 3 Credit Hours
- HIST 3351 - Imperial Russia 3 Credit Hours
- HIST 4419 - The Cold War 3 Credit Hours
- HIST 4385 - Special Topics in World History 3 Credit Hours
- HIST 4430 - The Vietnam War 3 Credit Hours
- HIST 4433 - Introduction to Modern China 3 Credit Hours
- HIST 4443 - Introduction to Modern Japan 3 Credit Hours
- HIST 4446 - Soviet Russia 3 Credit Hours

- HIST 4485 - Special Topics 3 Credit Hours
- SOCI 4325 - Social Change in the Middle East 3 Credit Hours
- SOCI 4999 - Special Seminars 3 Credit Hours
- PHIL 3250 - Islamic Thought 3 Credit Hours
- PHIL 4385 - Special Topics 3 Credit Hours (When about Asia, such as Late Imperial China, Early China, Women in East Asia, Central Asia: Society and Culture)
- PSYC 4130 - Transpersonal Psychologies 4 Credit Hours

Required Capstone:

- XIDS 4000 - Interdisciplinary Capstone 1.0 - 3.0 Credit Hours

Total: 16 Hours

Classical Studies Minor

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.

Have questions or would like to declare a Minor in Classical Studies?

Contact Dr. Nadya Williams (nwilliam@westga.edu or 678-839-5370)

Requirements

Courses on the Classical World:

- ART 2201 - History of World Art I 3 Credit Hours
- ART 3220 - Art of the Ancient World 3 Credit Hours
- ENGL 2110 - World Literature 3 Credit Hours
- HIST 1111 - Survey of World History/Civilization I 3 Credit Hours
- HIST 4423 - Women and Gender in the Ancient World 3 Credit Hours

- HIST 4432 - The Roman Republic 3 Credit Hours
- HIST 4485 - Special Topics 3 Credit Hours (Greek and Roman Warfare, Civic Conflict and Civil War in the Ancient World, Latin and Epigraphy for Historians)
- PHIL 3100 - Ancient Philosophy 3 Credit Hours
- POLS 4601 - Ancient and Medieval Political Thought 3 Credit Hours
- XIDS 2100 - Arts and Ideas: Special Topics 3 Credit Hours (Introduction to Classical Studies)

Courses on the Classical Tradition and its Reception after Antiquity:

- ART 3230 - Medieval Art of Christian Europe and the Near East 3 Credit Hours
- ENGL 4106 - Studies in Genre 3 Credit Hours (Studies in Drama)
- ENGL 4110 - Medieval Literature
- ENGL 4115 - Renaissance Literature
- ENGL 4120 - 17th - Century Literature
- ENGL 4188 - Studies in Individual Authors 3 Credit Hours (Shakespeare)
- FORL 4185 - Topics in Language and Literature 3 Credit Hours
- FREN 4230 - Classical French Drama 3 Credit Hours
- SPAN 4280 - The Spanish Golden Age 3 Credit Hours
- XIDS 2100 - Arts and Ideas: Special Topics 3 Credit Hours (Mythology and Religion)

Total: 15 Hours

Film Studies Minor

Requirements

Required Courses: 6 Hours

- FILM 2080 - Introduction to the Art of Film 3 Credit Hours
- FILM 2100 - History and Theory of Film 3 Credit Hours

Select 4 Courses from the Approved List: 12 Hours *

- COMM 3356 - Film and Culture 3 Credit Hours
- HIST 4485 - Special Topics 3 Credit Hours (History in Film)
- PHIL 3160 - Philosophy in Literature and Film 3 Credit Hours
- FILM 3200 - Screenwriting 3 Credit Hours
- ENGL 4109 - Film as Literature 3 Credit Hours
- FORL 3111 - World Film 3 Credit Hours
- FORL 4485 - Topics in National Film Traditions 3 Credit Hours
- FREN 4210 - French Literature and Film 3 Credit Hours **
- GRMN 4220 - German Culture through Film 3 Credit Hours **
- GRMN 4240 - Mystery and Horror in German Literature and Film 3 Credit Hours **
- GRMN 4250 - Contemporary German Cinema 3 Credit Hours **
- SPAN 4200 - Hispanic Film and Literature 3 Credit Hours **
- PSYC 4085 - Horizon Seminar 1.0 - 4.0 Credit Hours (Psychology and Film)

- THEA 3290 - Costume Design 3 Credit Hours
- THEA 4485 - Special Topics in Theatre 3 Credit Hours (Acting for the Camera)
- FILM 4081 - Independent Study 3 Credit Hours

Total: 18 Hours

* 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.

Gender and Sexuality Studies Minor

This interdisciplinary minor provides a humanities-based forum for examining gender and sexuality in global cultures. Students in the minor learn about-and challenge their understandings of-topics such as LGBTQ sexual diversity, gender differences across cultures, and how femininity and masculinity have changed over time. Courses in the minor focus on representations of gender and sexuality across the arts, history, media, languages, and social sciences.

Students in the minor discuss how their own experiences of gender and sexuality relate to race, class, nationality, and language. Because of this, the minor appeals to an increasingly diverse population at UWG, and it is also a base for educating the entire campus and the greater Carrollton community. Students in the minor are prepared for a wide range of careers in fields that demand knowledge of and experience with diversity, from education and community outreach to business.

Requirements

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 - Arts and Ideas: Special Topics 3 Credit Hours (Introduction to Gender Studies)

Electives

12 hours (three of these must be taken in AT LEAST two different disciplines; no more than one elective or 3 hours may be taken from a department or unit outside of the College of Arts and Humanities). 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. Matthew Franks (English and Philosophy; mfranks@westga.edu).

Latin American Studies Minor

Requirements

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.

Total: 12-18 Hours

Women's Studies Minor

Requirement

www.westga.edu/women

- Select five courses from three different areas of study. A list of approved courses can be obtained from the Department of Sociology 15

Department of Civic Engagement and Public Service

Criminology and Criminal Justice Program

Pafford 240 • 678-839-5199
https://www.westga.edu/criminology

Professors:

V. Griffin, G. Lee, L. Pazzani (Program Coordinator)

Associate Professors:

D. Ayers (Director of External Public Safety Partnerships), A. Kolb, M. Mills, J. Nicholson (Internship Coordinator), E. Wentz, S. Williamson

Political Science Program

Pafford 128 • 678-839-6504
https://www.westga.edu/polisci/

Professors:

A. Fleming (Chair), T. Hunter, S. Lee, D. McLean, H. Mbaye, K. Owen (Dean), J. Peralta, P. Rutledge, R. Schaefer

Associate Professor:

K. Barrett

Lecturer:

S. Drammeh

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 so that they are prepared for employment in the public sector or in nonprofit 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.

Bachelor of Science

Criminal Justice, B.S.

The purpose of the online criminal justice degree is to prepare students for employment within the criminal justice system in the areas of municipal, state, and federal law enforcement; corrections; juvenile justice and probation, etc. by providing students with a foundation of the knowledge, principles, theories, and functions common to the American Criminal Justice system.

Students completing the B.S. in Criminal Justice must complete The Core IMPACTS General Education Requirements and Field of Study (60 hours), Major Courses (21 hours); and Electives (39 hours) = 120 hours

- General Concentration includes 39 hours of electives to be chosen from a list.
- Law Enforcement Concentration includes 39 hours of electives chosen from two lists (30 hours; 9 hours).
- Social Justice Concentration includes 39 hours of electives chosen from two lists (12 hours; 27 hours).

Learning Outcomes

Upon completion of the B.S. in Criminal Justice degree, students will demonstrate:

1. mastery of the essential content of the criminology core curriculum
2. the ability to critically analyze major concepts and theoretical perspectives in criminal justice
3. an understanding of essential elements of academic and professional writing
4. an understanding of academic and professional research and scholarship
5. an understanding of professional and ethical values in the criminal justice field.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements: (42 Hours)

Field of Study: 18 hours

Required Courses:

- CRJU 1100 - Introduction to Criminal Justice 3 Credit Hours
- CRJU 2100 - Introduction to Law Enforcement 3 Credit Hours
- CRJU 2200 - The Judicial Process 3 Credit Hours
- SPAN 1001 - Elementary Spanish I 3 Credit Hours

Choose 6 hours from the following:

- COMM 1100 - Human Communication 3 Credit Hours
- PHIL 2020 - Critical Thinking 3 Credit Hours
- POLS 2201 - State and Local Government 3 Credit Hours
- SOCI 1160 - Introduction to Social Problems 3 Credit Hours

Major Courses: 21 hours

- CRJU 3100 - Criminal Law 3 Credit Hours
- CRJU 3110 - Criminal Procedure 3 Credit Hours
- CRJU 3200 - Criminology 3 Credit Hours
- CRJU 3300 - Corrections 3 Credit Hours
- CRJU 3700 - Criminal Justice Research Methodology 3 Credit Hours
- CRJU 4700 - Ethical Issues in Criminal Justice 3 Credit Hours
- CRJU 4800 - Senior Capstone Seminar in Criminal Justice 3 Credit Hours

Electives - General Concentration: 39 hours

Students seeking a B.S in Criminal Justice (General Concentration) are required to choose 39 hours (13 courses) from the following list of courses.

- CRJU 3250 - Crime and Media 3 Credit Hours
- CRJU 3350 - Drugs in America 3 Credit Hours
- CRJU 3400 - Juvenile Delinquency and Justice 3 Credit Hours
- CRJU 3500 - Criminal Investigation 3 Credit Hours
- CRJU 3501 - Criminal Investigation II 3 Credit Hours
- CRJU 3600 - Criminal Justice Administration 3 Credit Hours
- CRJU 3710 - Special Topics: Mass Violence in Modern America 3 Credit Hours
- CRJU 3800 - Race, Ethnicity, and Criminal Justice 3 Credit Hours
- CRJU 3810 - Victimology 3 Credit Hours
- CRJU 4000 - Internship in Criminal Justice 3-9 Credit Hours
- CRJU 4110 - Law of Criminal Evidence 3 Credit Hours
- CRJU 4200 - Profiling the Serial Offender 3 Credit Hours
- CRJU 4210 - Terrorism and Criminal Justice System 3 Credit Hours
- CRJU 4300 - Community Correction 3 Credit Hours
- CRJU 4350 - Family Violence 3 Credit Hours
- CRJU 4500 - Management of Forensics 3 Credit Hours
- CRJU 4600 - Police Problems and Practices 3 Credit Hours
- PSYC 3850 Forensic Psychology 3 Credit Hours
- SOCI 3800 Development of Criminal Behavior 3 Credit Hours
- POLS 3100 Constitutional Law 3 Credit Hours

Electives - Law Enforcement Concentration: 30 hours

Students seeking a B.S in Criminal Justice (Law Enforcement Concentration) are required to take 30 hours electives from the following list.

- CRJU 3350 - Drugs in America 3 Credit Hours
- CRJU 3400 - Juvenile Delinquency and Justice 3 Credit Hours
- CRJU 3500 - Criminal Investigation 3 Credit Hours
- CRJU 3501 - Criminal Investigation II 3 Credit Hours
- CRJU 3600 - Criminal Justice Administration 3 Credit Hours

- CRJU 3710 - Special Topics: Mass Violence in Modern America 3 Credit Hours
- CRJU 3800 - Race, Ethnicity, and Criminal Justice 3 Credit Hours
- CRJU 3810 - Victimology 3 Credit Hours
- CRJU 4110 - Law of Criminal Evidence 3 Credit Hours
- CRJU 4200 - Profiling the Serial Offender 3 Credit Hours
- CRJU 4210 - Terrorism and Criminal Justice System 3 Credit Hours
- CRJU 4300 - Community Correction 3 Credit Hours
- CRJU 4350 - Family Violence 3 Credit Hours
- CRJU 4600 - Police Problems and Practices 3 Credit Hours

Electives: 9 hours

Students seeking a B.S in Criminal Justice (Law Enforcement Concentration) are required to take 9 hours electives from the following list.

- CRJU 3250 - Crime and Media 3 Credit Hours
- CRJU 4000 - Internship in Criminal Justice 3-9 Credit Hours
- CRJU 4500 - Management of Forensics 3 Credit Hours
- PSYC 3850 Forensic Psychology 3 Credit Hours
- SOCI 3800 Development of Criminal Behavior 3 Credit Hours
- POLS 3100 Constitutional Law 3 Credit Hours

Electives - Social Justice Concentration: 12 hours

Students seeking a B.S. in Criminal Justice (Social Justice Concentration) are required to take 12 hours electives from the following:

- SJUS 3000 - Introduction to Social Justice 3 Credit Hours
- SJUS 3050 - Politics of Social Justice 3 Credit Hours
- SJUS 4000 - Social Justice Culture 3 Credit Hours
- SJUS 4050 - Law and Social Justice 3 Credit Hours
- SJUS 4800 - Social Justice Policy Analysis 3 Credit Hours

Electives: 27 hours

Students seeking a B.S in Criminal Justice (Social Justice Concentration) are required to take 27 hours electives from the following list.

- CRJU 3250 - Crime and Media 3 Credit Hours
- CRJU 3350 - Drugs in America 3 Credit Hours
- CRJU 3400 - Juvenile Delinquency and Justice 3 Credit Hours
- CRJU 3500 - Criminal Investigation 3 Credit Hours
- CRJU 3501 - Criminal Investigation II 3 Credit Hours
- CRJU 3600 - Criminal Justice Administration 3 Credit Hours
- CRJU 3710 - Special Topics: Mass Violence in Modern America 3 Credit Hours
- CRJU 3800 - Race, Ethnicity, and Criminal Justice 3 Credit Hours
- CRJU 3810 - Victimology 3 Credit Hours
- CRJU 4000 - Internship in Criminal Justice 3-9 Credit Hours

- CRJU 4110 - Law of Criminal Evidence 3 Credit Hours
- CRJU 4200 - Profiling the Serial Offender 3 Credit Hours
- CRJU 4210 - Terrorism and Criminal Justice System 3 Credit Hours
- CRJU 4300 - Community Correction 3 Credit Hours
- CRJU 4350 - Family Violence 3 Credit Hours
- CRJU 4500 - Management of Forensics 3 Credit Hours
- CRJU 4600 - Police Problems and Practices 3 Credit Hours
- PSYC 3850 Forensic Psychology 3 Credit Hours
- SOCI 3800 Development of Criminal Behavior 3 Credit Hours
- POLS 3100 Constitutional Law 3 Credit Hours

Total: 120 Hours

Criminology and Criminal Justice, B.S.

To be admitted into the B.S. program in Criminology & Criminal Justice, students must be in good academic standing. 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 or CRIM 4004 . The B.S. in Criminology & Criminal Justice is also offered online.

Learning Objectives for Criminology Students

Upon graduation from the undergraduate program in criminology, a student will be able to

describe, explain, and critically evaluate/apply the role of...

- Corrections and social services in criminal justice and criminology
- Policing in criminal justice and criminology
- Law and legal systems in criminal justice and criminology
- Diversity and global perspectives in criminal justice and criminology
- Theory and philosophy in criminal justice and criminology
- Social scientific research and analytic methods in criminal justice and criminology

The Accelerated Bachelor's to Master's Degree Pathway offers the opportunity to simultaneously satisfy partial degree requirements for a bachelor's and a master's degree in an accelerated program of study. Upon completion of the undergraduate B.S. in Criminology & Criminal Justice with a satisfactory undergraduate grade point average and a grade of "B" or better in all graduate courses completed, the student may move to full graduate status in the Master's program in Public Administration (MPA) and the graduate-level courses taken as an undergraduate will be applied toward the graduate degree.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study - 18 Hours

- CRIM 1100 - Introduction to Criminal Justice 3 Credit Hours

- CRIM 2000 - Survey of Criminology 3 Credit Hours

CRIM Classes 12 Hours

- CRIM 2272 - Introduction to Law Enforcement 3 Credit Hours
- CRIM 2273 - Criminal Procedure 3 Credit Hours
  (or)
- CRIM 2274 - American Criminal Courts 3 Credit Hours
- CRIM 2275 - Introduction to Corrections 3 Credit Hours
  (or)
- CRIM 2245 - Juvenile Delinquency 3 Credit Hours
- CRIM 2276 - Global Crime and Justice 3 Credit Hours

Major Courses: 12 Hours

- CRIM 3240 - Criminological Theory 3 Credit Hours
- CRIM 4000 - Research Methodology 3 Credit Hours
- CRIM 4003 - Statistics for Social Sciences 3 Credit Hours
- CRIM 4004 - Managing Data 3 Credit Hours
  (or)
- CRIM 4284 - Senior Capstone 3 Credit Hours

Upper Level Criminology and Criminal Justice Courses: 24 Hours

Any 3000 or 4000 level CRIM Class not counted as a major course

Supporting Courses (share with minor): 12 Hours

- Any 3000 or 4000 level Course, including CRIM courses (may be shared with a minor)

ABM students can substitute the following graduate courses for the undergraduate course:

POLS 6200 Public Budgeting and Financial Management FOR POLS 4204 Public Finance

POLS 6206 Public Human Resource Management FOR POLS 4219 Public Human Resource Management

General Electives: 12 Hours

ABM students should take the following graduate courses, which would count for the undergraduate course:

POLS 6205 Administrative Law and Procedures FOR POLS 4220 Administrative Law and Government

POLS 6201 Theory of Public Administration and Ethics FOR POLS 4221 Government Organization and Administrative Theory

Total: 120 Hours

No more than a total of nine hours of directed research, directed readings, and senior thesis credits may be applied toward the major.

Criminology, B.S. Policing Concentration

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements: (42 Hours)

Field of Study: 18 Hours

- CRIM 1100 - Introduction to Criminal Justice 3 Credit Hours
- CRIM 2000 - Survey of Criminology 3 Credit Hours

CRIM Classes 12 Hours

- CRIM 2272 - Introduction to Law Enforcement 3 Credit Hours
- CRIM 2273 - Criminal Procedure 3 Credit Hours
- CRIM 2275 - Introduction to Corrections 3 Credit Hours
- CRIM 2276 - Global Crime and Justice 3 Credit Hours

Major Courses: 12 Hours

- CRIM 3240 - Criminological Theory 3 Credit Hours
- CRIM 4000 - Research Methodology 3 Credit Hours
- CRIM 4003 - Statistics for Social Sciences 3 Credit Hours
- CRIM 4284 - Senior Capstone 3 Credit Hours

Policing Concentration: 21 Hours

- CRIM 3323 - Criminal Law 3 Credit Hours
- CRIM 3411 - Criminal Investigations 3 Credit Hours
- CRIM 3501 - Advanced Criminal Investigation 3 Credit Hours
- CRIM 4007 - Crime Mapping 3 Credit Hours
- CRIM 4068 - Conflict Management and Policing 3 Credit Hours
- CRIM 4334 - Human Trafficking 3 Credit Hours
- CRIM 4251 - Contemporary Issues in Policing 3 Credit Hours

Area Courses: 9 Hours

Global & Diversity (Pick 1): 3 Hours

- CRIM 4911 - Terrorism 3 Credit Hours
- CRIM 4248 - International Comparative Justice 3 Credit Hours
- CRIM 4279 - Race and Crime 3 Credit Hours
- CRIM 4231 - Women in the Criminal Justice System 3 Credit Hours

Legal Studies (Pick 1): 3 Hours

- CRIM 3900 - Social Science and the Legal System 3 Credit Hours
- CRIM 4402 - Prison Policy and Practice 3 Credit Hours
- CRIM 4712 - Law and Society 3 Credit Hours

Corrections & Social Services (Pick 1): 3 Hours

- CRIM 3241 - Corrections 3 Credit Hours
- CRIM 4255 - Youth, Crime and Community 3 Credit Hours
- CRIM 4232 - Family Violence 3 Credit Hours
- CRIM 4260 - Prisoner Reentry and Community Corrections 3 Credit Hours
- CRIM 4293 - Correctional programs 3 Credit Hours

Supporting Courses (share with minor): 12 Hours

Any 3000 or 4000 level Course, includeing CRIM courses (may be shared with a minor)

General Electives: 6 Hours

Total: 120 Hours

No more than a total of nine hours of directed research, directed readings, and senior thesis credits may be applied toward the major.

Organizational Leadership, B.S.

The Bachelor of Science with a Major in Organizational Leadership (ORGL) degree prepares students to focus on the theories, practices, issues, and specific ramifications of leading an organization. The multidisciplinary curriculum provides an understanding of management, administration, human resources, ethics, and technology related to today's complex organizations in the public, private or non profit sectors.

The Organization Leadership degree has options that allow adults to earn college credit through Prior Learning Assessment (PLA) for college-level knowledge gained from relevant work experiences, professional training, military service and professional certificate programs. These experiences may be documented through transcripts from the American Council on Education (ACE), the College Level Examination Program (CLEP), departmental challenge exams, or academic credit earned through the successful evaluation of a portfolio that contains sufficient information and documentation to affirm college-level learnings.

The online Organizational Leadership program is ideal for traditional students who wish to take advantage of online course delivery, as well as for working professionals, military members, transfer students and others seeking flexible routes to degree completion. The program is delivered fully online through eMajor. eMajor is a University System of Georgia collaborative program that has delivered flexible, online degree programs through multiple USG institutions since 2012. The purpose of eMajor is to provide quality, innovative, high-demand programs through traditional institutions. Developed and maintained by committed faculty and dedicated instructional design professionals, each course is consistent in quality, design, and accessibility standards and taught by University System of Georgia faculty. A cornerstone of eMajor is the inclusion of prior learning assessments in several programs, shortening time to degree.

eMajor is a USG collaborative program which offers fully online, high-demand career degrees through traditional universities. Courses offered through eMajor are taken within the Georgia Online Virtual Instruction Enterprise Wide (GoVIEW) learning management system. The eMajor collaborative program operates by the USG collaborative calendar, which may differ slightly from institutional calendars. Additionally, eMajor courses are offered in various

formats, which include 8-week condensed sessions. For the Organizational Leadership (ORGL) major offered through UWG, all courses will be offered solely in 8-week sessions, which allows students to progress swiftly through courses as needed. All eMajor courses are taught by highly qualified USG instructors.

Learning Outcomes

- Students will demonstrate an understanding of organizational leadership as it relates to and impacts individuals, communities, and wider society from democratic, multicultural, and national perspectives.
- Students will express themselves effectively on topics and issues related to the field of organizational leadership.
- Students will apply critical thinking and problem-solving abilities regarding issues related to key challenges that organizations face when interacting with their environments
- Students will demonstrate an understanding of the ethical principles underlying both research and practice in organizational leadership.

The Accelerated Bachelor's to Master's Degree Pathway offers the opportunity to simultaneously satisfy partial degree requirements for a bachelor's and a master's degree in an accelerated program of study. Upon completion of the undergraduate B.S. in Organizational Leadership with a satisfactory undergraduate grade point average and a grade of "B" or better in all graduate courses completed, the student may move to full graduate status in the Master's program in Public Administration (MPA) and the graduate-level courses taken as an undergraduate will be applied toward the graduate degree.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

Any courses currently approved for CORE IMPACTS may be used for the Field of Study; however, no course may be used in more than one area. Field of Study courses must be chosen in consultation with the student's Faculty Advisor or Program Director.

Major Courses: 42 Hours

Students must complete all Major Core Courses (30 hours) and one of the concentrations (12 hours).

Major Core Courses: 30 Hours

Students must complete all courses in this area

- ENGL 3405 - Professional and Technical Writing 3 Credit Hours
- ORGL 2050 - Communication for the Workplace 3 Credit Hours
- ORGL 3000 - Reflective Seminar I: Self as Learner 1 Credit Hours
- ORGL 3050 - Reflective Seminar II: Self in Context 1 Credit Hours
- ORGL 3200 - Introduction to Organizational Development 3 Credit Hours
- ORGL 3400 - Technology in Organizations 3 Credit Hours

- ORGL 4690 - Organizational Leadership Capstone 3 Credit Hours
- POLS 4200 - Principles of Public Administration 3 Credit Hours
- POLS 4204 - Public Finance 3 Credit Hours
- POLS 4218 - Project Management in the Public Sector 3 Credit Hours
- POLS 4219 - Public Human Resource Management 3 Credit Hours
- ORGL 4000 - Reflective Seminar III: Transforming Self, Self-Transformation 1 Credit Hours

Concentration: 12 Hours

Student must choose either the Public Service or the Social Justice concentration. Each requires completion of four, three credit, courses.

Public Service Concentration

To complete this concentration, students must take at least 12 hours (4 courses) from the following list of courses.

- COMM 3330 - Advanced Communication Skills 3 Credit Hours
- ORGL 4900 - Organizational Internship 3 Credit Hours
- PHIL 4120 - Professional Ethics 3 Credit Hours
- POLS 3201 - Public Policy 3 Credit Hours
- POLS 3601 - Political Analysis 3 Credit Hours
- POLS 4202 - Interorganizational Behavior 3 Credit Hours
- POLS 4210 - Public Management 3 Credit Hours
- POLS 4215 - Management of Non-Profit Organizations 3 Credit Hours
- POLS 4217 - Grant Writing for Nonprofit Organizations 3 Credit Hours
- POLS 4220 - Administrative Law and Government 3 Credit Hours
- POLS 4221 - Government Organization and Administrative Theory 3 Credit Hours
- POLS 4860 - Special Topics 3 Credit Hours

General Electives: 18 Hours

The student must take an additional 18 hours of general electives at any level.

ABM students can substitute the following graduate courses for the undergraduate course:

POLS 6200 Public Budgeting and Financial Management FOR POLS 4204 Public Finance

POLS 6206 Public Human Resource Management FOR POLS 4219 Public Human Resource Management

POLS 6205 Administrative Law and Procedures FOR POLS 4220 Administrative Law and Government

POLS 6201 Theory of Public Administration and Ethics FOR POLS 4221 Government Organization and Administrative Theory

Total: 120 Hours

Political Science, B.S.

The Bachelor of Science in Political Science prepares students for fulfilling careers as civic leaders and contributors to democratic societies.

Learning Outcomes

1. Describe key concepts and concerns in political science and/or public service.
2. Describe the institutional framework of politics at the local, state, national or international levels.
3. Illustrate theoretical foundations of political science and/or public service concepts.
4. Understand political behavior, actions, outcomes, or problems at the local, state, national, or international level.
5. Evaluate and summarize information from varied and reliable sources.
6. Produce a research paper, opinion paper, personal reflection or analytical essay, by bringing research or practical skills to bear on a specific issue related to politics or public administration.

The Accelerated Bachelor's to Master's Degree Pathway offers the opportunity to simultaneously satisfy partial degree requirements for a bachelor's and a master's degree in an accelerated program of study. Upon completion of the undergraduate B.S. in Political Science with a satisfactory undergraduate grade point average and a grade of "B" or better in all graduate courses completed, the student may move to full graduate status in the Master's program in Public Administration (MPA) and the graduate-level courses taken as an undergraduate will be applied toward the graduate degree.

Requirement

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Field of Study: 18 Hours

(Foundations of Social Science)

Learning Outcomes same as Core IMPACTS Area S

Take at least 2 courses from among the following (minimum 6 hours)

- POLS 2101 - Introduction to Political Science 3 Credit Hours
- POLS 2201 - State and Local Government 3 Credit Hours
- POLS 2401 - Global Issues 3 Credit Hours
- POLS 2601 - Introduction to Political Science Inquiry 3 Credit Hours

Take the remaining hours from among the following:

- ANTH 1102 - Introduction to Anthropology 3 Credit Hours
- BUSA 2106 - Legal and Ethical Environment of Business 3 Credit Hours
- MATH 1401 - Elementary Statistics 3 Credit Hours
- PHIL 2010 - Introduction to Philosophy 3 Credit Hours
- PHIL 2020 - Critical Thinking 3 Credit Hours
- PHIL 2030 - Introduction to Ethics 3 Credit Hours
- XIDS 2100 - Arts and Ideas: Special Topics 3 Credit Hours
- XIDS 2300 - Interdisciplinary Studies in Social Sciences 3 Credit Hours
- XIDS 2301 - Introduction to Global Studies 3 Credit Hours

- Any 2000 level POLS class
- Any 1000 or 2000 level course in COMM, FREN, GRMN, HIST, PSYC, or SPAN
- Any 2000 level course in ACCT, CRIM, ECON, ENGL, GEOG, or SOCI

Major Courses: 42 Hours

Seven 4000 level political science courses: 21 Hours

All majors must complete a capstone experience 3.0-15.0 Hours

A minimum of 21 additional upper division hours in political science.

ABM students can substitute the following graduate courses for the undergraduate course:

- POLS 6200 Public Budgeting and Financial Management FOR POLS 4204 Public Finance
- POLS 6206 Public Human Resource Management FOR POLS 4219 Public Human Resource Management
- POLS 6205 Administrative Law and Procedures FOR POLS 4220 Administrative Law and Government
- POLS 6201 Theory of Public Administration and Ethics FOR POLS 4221 Government Organization and Administrative Theory

Note:

No more than 15 hours of directed readings or independent study may count toward the major.

No POLS course in which the student receives a grade lower than a "C" may count toward the major.

*Capstone courses are designated each semester. Each student must successfully complete at least one capstone experience.

Electives: 18 Hours

(at least 3 hours must be upper division courses)

Total: 120 Hours

*** PHIL 4115 may be selected to satisfy this requirement.*

Embedded Certificates

Embedded Certificate in Human Rights Advocacy

This certificate program is intended to provide academic and practical training for students who intend to work in a range of organizations focused on the issues of human rights. This includes domestic and international organizations. The program integrates classroom learning with practical field experience through a series of courses across three different disciplines. The program seeks to help to fill a need for students seeking work in this field. Human rights advocacy is a rapidly growing area of work among non-governmental, governmental, and intergovernmental

organizations around the world. While this program has clear benefits for students in experience and employability is also serves the broader interest of the University of West Georgia in building stronger community partnerships.

Requirement

Human Rights Advocacy Core: 6 Hours

Students must take both courses listed below:

- POLS 4215 - Management of Non-Profit Organizations 3 Credit Hours
- POLS 4517 - Global Human Rights 3 Credit Hours

Elective Courses: Minimum 6 Hours

(minimum 6 credit hours, see below)

Students must take two courses from the following list

- ANTH 3188 - Ethnographic Field Methods 4 Credit Hours
- POLS 3301 - The Judicial Process 3 Credit Hours
- POLS 4501 - International Law 3 Credit Hours
- POLS 4503 - International Organizations 3 Credit Hours
- SOCI 3134 - Introduction to Social Work and Social Welfare 3 Credit Hours
- SOCI 3743 - Social Movements 3 Credit Hours
- SOCI 4734 - Social Work Skills 3 Credit Hours

Note:

Any special topics course in the College of Social Sciences (course numbers vary by department) may be substituted for an elective course with approval of the HRA coordinator.

Practicum: Minimum 3 Hours

(minimum 3 credit hours, see below)

Students must take a practicum course. This shall consist of an approved internship or experiential learning course in any department of the College of Social Sciences (course numbers and names vary by department.) The practicum must include at least three units of credit. All practicum credit must be approved by the HRA coordinator.

Variable credit hours:

It is recognized that special topics courses and practicum courses may be offered for more than the traditional three credit hours. Students must complete a minimum of 15 credit hours in certificate courses to qualify for the certificate. Depending on the specific courses taken, the actual credit hours applied may exceed 15 credit hours.

Embedded Certificate in Juvenile Justice and Rehabilitation

The undergraduate certificate in juvenile justice and rehabilitation is available to all students. Courses taken to receive this certificate also count toward the criminology major, and criminology courses taken to receive this certificate count toward the criminology minor.

Requirements

The certificate requires the following courses:

- CRIM 1100 - Introduction to Criminal Justice 3 Credit Hours
- CRIM 2245 - Juvenile Delinquency 3 Credit Hours
- CRIM 4255 - Youth, Crime and Community 3 Credit Hours

And one of the following:

- CRIM 4233 - Gangs 3 Credit Hours
- PSYC 4270 - Psychology of Childhood 3 Credit Hours
- CRIM 4280 - Contemporary Issues in Criminal Justice 3 Credit Hours Must be on a juvenile justice topic and approved by the Criminology Department Curriculum Committee
- CRIM 4286 - Internship 3.0 - 15.0 Credit Hours Must be a juvenile justice (or) relevant youth services internship and approved by the Criminology Department Internship Coordinator

Total: 12 hours

Embedded Certificate in Prisoner Reentry and Community Corrections

Reentry is a broad term used to refer to issues related to the transition of offenders from prison to community supervision. Nationwide, 700,000 people are released from correctional custody every year with a 68% recidivism rate within the first three years. Current reentry programs advocate for solutions that will help people returning from prison obtain employment, connect with their families, and rejoin their communities in an effort to reduce this recidivism rate. This certificate program will prepare students to work in fields related to reentry by providing them an education in the barriers that reduce the likelihood of successful reintegration and in current reentry strategies and characteristics of successful programs.

Learning Outcomes

1. Apply theoretical and empirical research to practical applications.
2. Develop empirically-grounded reintegration strategies that serve to reduce recidivism and subsequent incarceration.
3. Identify various systemic, cultural, community, and individual-level barriers to improve successful reintegration.

Required Courses: 15 Hours

- CRIM 2275 - Introduction to Corrections 3 Credit Hours
- CRIM 4230 - Ethics and Criminal Justice 3 Credit Hours
- CRIM 4260 - Prisoner Reentry and Community Corrections 3 Credit Hours
- CRIM 4265 - Crime and Social Inequality 3 Credit Hours

- CRIM 4293 - Correctional programs 3 Credit Hours

Electives: 6 Credits

- CRIM 3242 - Drug Abuse 3 Credit Hours
- CRIM 3333 - Victimology 3 Credit Hours
- CRIM 4231 - Women in the Criminal Justice System 3 Credit Hours
- CRIM 4232 - Family Violence 3 Credit Hours
- CRIM 4233 - Gangs 3 Credit Hours
- CRIM 4280 - Contemporary Issues in Criminal Justice 3 Credit Hours Must be relevant to reentry and approved by the Certificate Director.
- CRIM 4286 - Internship 3.0 - 15.0 Credit Hours Must be relevant to reentry and approved by the Certificate Director.

Stand Alone Certificates

Certificate of Less than One Year in Victim Services

This certificate is designed for students who are interested in serving victims of crime in careers such as victim advocacy. Students will learn about several common types of victimization service providers encounter, and will also learn detailed information about the job of a victim advocate and techniques to assist victims facing a number of circumstances. The program will emphasize cultural competence as well as the impact of the criminal justice system on victims of crime.

Learning Outcomes:

1. Analyze causes of victimization, victims' rights, and services available to victims.
2. Examine the legal and social experiences of different populations of victims.
3. Examine best practices for interacting with victims of various crimes or circumstances.

Required Criminology Courses (6 credit hours)

- CRIM 1100 - Introduction to Criminal Justice 3 Credit Hours
- CRIM 3333 - Victimology 3 Credit Hours

Required Victim Advocasy Course (3 credit hours)

- CRIM 4006 - Victim Advocacy 3 Credit Hours
- POLS 4006 - Victim Advocacy 3 Credit Hours

Required Identity Course (3 credit hours)

- CRIM 4005 - Identity, Victimization, Law, and Society 3 Credit Hours
- POLS 4005 - Identity, Victimization, Law, and Society 3 Credit Hours

Required Internship (3 credit hours)

- CRIM 4286 - Internship 3.0 - 15.0 Credit Hours
- SOCI 4386 - Internship 3 Credit Hours
- POLS 4186 - Internship in Government 1.0 - 15.0 Credit Hours
  Internship agency must be approved by the certificate director.

Electives (3 credit hours)

Select 1 course

- CRIM 4232 - Family Violence 3 Credit Hours
- CRIM 4296 - Violence Against Women 3 Credit Hours
- SOCI 4915 - Violence Against Women 3 Credit Hours
- CRIM 4334 - Human Trafficking 3 Credit Hours
- CRIM 4002 - Case Management 3 Credit Hours
- POLS 4002 - Case Management 3 Credit Hours
- POLS 4217 - Grant Writing for Nonprofit Organizations 3 Credit Hours
- POLS 4517 - Global Human Rights 3 Credit Hours

Minor

Criminology Minor

Requirements

Complete 15 hours including:

- CRIM 1100 - Introduction to Criminal Justice 3 Credit Hours **(and)**
- Four upper division Criminology courses

Total: 15 Hours

Political Science Minor

Requirement

Fifteen hours of upper division political science courses in which the student makes a "C" or better constitute a minor.

Public Administration Minor

Requirement

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 - Public Management 3 Credit Hours

- POLS 4213 - Comparative Public Administration and Policy 3 Credit Hours
- POLS 3201 - Public Policy 3 Credit Hours
- POLS 4211 - State and Local Politics and Administration 3 Credit Hours
- POLS 4186 - Internship in Government 1.0 - 15.0 Credit Hours
- POLS 4215 - Management of Non-Profit Organizations 3 Credit Hours

Note:

An S in POLS 4186 - Internship in Government

Total: 15 hours

Constitute a minor

Public Service, Minor

The Public Service minor is designed for students interested in careers that focus on serving others, usually through government agencies and nonprofit organizations. These careers may involve policy making, implementation and evaluation in areas such as: community and economic development, policing, health care, and environmental policy. The minor will require a total of 18 credit hours.

Learning Outcomes

Upon completion of the Public Service minor, students will be able to:

Explain key concepts of public service within groups, organizations, and diverse communities; and

Apply understanding of organizational theories, ethics, and principles of public service.

Core Requirements (4 courses; 12 hours required)

- CRIM 4230 - Ethics and Criminal Justice 3 Credit Hours
- POLS 4200 - Principles of Public Administration 3 Credit Hours
- POLS 4204 - Public Finance 3 Credit Hours
- POLS 4210 - Public Management 3 Credit Hours

Content Courses (Choose 1 course; 3 hours)

- CRIM 3323 - Criminal Law 3 Credit Hours
- CRIM 3333 - Victimology 3 Credit Hours
- CRIM 4068 - Conflict Management and Policing 3 Credit Hours
- CRIM 4230 - Ethics and Criminal Justice 3 Credit Hours
- CRIM 4232 - Family Violence 3 Credit Hours
- CRIM 4255 - Youth, Crime and Community 3 Credit Hours
- CRIM 4265 - Crime and Social Inequality 3 Credit Hours
- CRIM 4279 - Race and Crime 3 Credit Hours
- CRIM 4280 - Contemporary Issues in Criminal Justice 3 Credit Hours

- CRIM 4334 - Human Trafficking 3 Credit Hours
- CRIM 4712 - Law and Society 3 Credit Hours
- POLS 3101 - American Political Institutions 3 Credit Hours
- POLS 3201 - Public Policy 3 Credit Hours
- POLS 4200 - Principles of Public Administration 3 Credit Hours
- POLS 4204 - Public Finance 3 Credit Hours
- POLS 4207 - Politics of Big Tech 3 Credit Hours
- POLS 4208 - Health Policy 3 Credit Hours
- POLS 4209 - Environmental Policy 3 Credit Hours
- POLS 4210 - Public Management 3 Credit Hours
- POLS 4215 - Management of Non-Profit Organizations 3 Credit Hours
- POLS 4217 - Grant Writing for Nonprofit Organizations 3 Credit Hours
- POLS 4218 - Project Management in the Public Sector 3 Credit Hours
- POLS 4219 - Public Human Resource Management 3 Credit Hours
- POLS 4220 - Administrative Law and Government 3 Credit Hours
- POLS 4221 - Government Organization and Administrative Theory 3 Credit Hours
- CRIM 3900 - Social Science and the Legal System 3 Credit Hours

Skills, Methods, & Application (Choose 1 course; 3 hours)

- CRIM 4000 - Research Methodology 3 Credit Hours
- CRIM 4003 - Statistics for Social Sciences 3 Credit Hours
- CRIM 4286 - Internship 3.0 - 15.0 Credit Hours
- POLS 3601 - Political Analysis 3 Credit Hours
- POLS 4186 - Internship in Government 1.0 - 15.0 Credit Hours

Other

Preparation for Law School

The University of West Georgia does not offer pre-law majors. The institution offers a variety of majors for students to earn their bachelor's degree while meeting degree and prerequisite course requirements for admission to law schools.

Law Schools do not require a specific undergraduate curriculum or major; and students can be admitted to law school after majoring in any subject. Students, however, should take courses that emphasize reading, writing, and critical thinking.

In the Department of Civic Engagement and Public Service, there are three courses offered every year that are specifically structured to prepare students for law school: Judicial Process (POLS 3301), Constitutional Law I (POLS 4301), and Constitutional Law II (POLS 4302). These courses are suggested for students in any major.

The Philosophy Program (in the College of Humanities, Arts and Social Sciences) offers a Law, Justice, and Society track, which follows the basic requirements for a B.A. degree in Philosophy with some modifications. Program requirements include Critical Thinking (PHIL 2020), Introduction to Ethics (PHIL 2030); courses that count toward the track include Philosophy of Law (PHIL 4110), Political Philosophy (PHIL 3115), and Professional Ethics (PHIL 4120). The advisor for this program is Walter Riker. The Philosophy Program also offers Symbolic Logic (PHIL 4160), which is strongly encouraged for those taking the LSAT.

Besides those courses listed above, other courses that discuss the legal system or involve skills needed for law school include: 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).

Department of General Education

Chair, T. Schroer

First-Year Writing

Assistant Professors:

J. Harte, M. Jackson

Senior Lecturers:

K Chaple, A. Ellison, B. Jett (Program Coordinator), M. Jordan, J. Kesler, J. Loicano, M. McFarland, S. Morin, P. Murphy, J. Sewell, C. Shelnutt

Lecturers:

B. Baxter, K. Kibodeaux, L. Kuykendall

Instructors:

A. Dailey, B. Harris, E. Jones, G. Limerick, M. Muldrow, E. Smith, R. Walker

First-Year Mathematics

Professor:

S. Sykes (Crider Chair and Program Coordinator)

Assistant Professor:

C. Carmack

Senior Lecturers:

J. Bellon, B. Brodsky

Lecturers:

K. Carter, W. Gay, R. Johnson, S. Patel, N. Rehfuss

Instructors:

L. Gooden, M. Mayers

The Department of General Education houses the majority of the first-year writing and first-year math courses. The pedagogical mission of the Department of General Education is to provide a diverse student body with opportunities to achieve academically, creatively, and professionally in their chosen fields. We provide students with a balanced and dynamic academic foundation so that they graduate not only with essential reading, writing, and quantitative skills, but with the excitement of academic discovery in a variety of disciplines, a strong foundation in critical reasoning, and a firm grounding in ethics.

Goals:

To provide students with a transformative education that empowers them to achieve academic, professional, and personal excellence through core competencies in written and quantitative reasoning, including

- Preparing students to explore and understand an ever-growing body of knowledge across multiple disciplines
- Teaching students to communicate effectively and for a wide array of audiences and purposes
- Equipping students with problem-solving skills, research, and reasoning abilities from an integrated, multi-disciplinary perspective
- Engaging students in growth-model processes that place emphasis on learning, achieving excellence, and developing life-long skills

Department of Interdisciplinary Studies

Bachelor of Interdisciplinary Studies

Interdisciplinary Studies, B.I.S.

The Bachelor of Interdisciplinary Studies degree offers programs of study for students interested in integrating multiple disciplinary perspectives and applied fields to achieve a better understanding of multidimensional and dynamic phenomena, to accomplish creative works, or to solve complex problems.

Learning Outcomes:

1. Describe the defining elements of interdisciplinarity.
2. Distinguish between two or more disciplines in how they produce knowledge.
3. Demonstrate the ability to engage in perspective-taking.
4. Develop structural knowledge pertaining to a problem or theme.
5. Integrate knowledge and modes of thinking drawn from two or more disciplines.
6. Produce an interdisciplinary understanding of a complex problem or intellectual question.

Core IMPACTS General Education Requirements: (42 Hours)

Core IMPACTS General Education Requirements

Core Area F: 18 hours

- XIDS 2000 - Intro Interdisciplinary Studies 3 Credit Hours
- Foundations Course from Discipline 1 (3 hours)
- Foundations Course from Discipline 2 (3 hours)
- Area F electives (9 hours)

Major Courses: 24 hours

- 3000/4000 level coursework in Discipline 1 (9 hours)
- 3000/4000 level coursework in Discipline 2 (9 hours)
- XIDS 3000 - Interdisciplinary Methods (3 hours)
- XIDS 4000 - Interdisciplinary Methods (3 hours)

Total 120 Hours

Interdisciplinary Pathways

The B.I.S. currently provides nine interdisciplinary pathways:

1. Self-Designed Pathway
2. Film Pathway
3. Forensic Science & Investigation Pathway
4. Natural Resources Management Pathway
5. Data Science Pathway
6. Religion Pathway
7. Creative Writing Pathway
8. Materials Science
9. Public Management and Society
10. Music and Industry
11. Music and Wellness
12. Public Service
13. Social Entrepreneurship

Self-Designed Pathway

Offers students a framework for designing a program of study around a question, problem, phenomenon, or creative endeavor that cannot be adequately addressed, understood, or accomplished within a single academic discipline. Students develop grounding in multiple disciplines and learn techniques to work across disciplinary boundaries.

Film Pathway

For students with a holistic interest in film, including theories a techniques for analyzing and creating films. As Interdisciplinary Studies majors, Film Pathway students learn theories and methods enabling them to analyze and create film(s) by integrating insights and techniques from multiple Film disciplines, including Screenwriting, Art & Lens-Based Media, Performance, Production Design, Production, Critical Studies. Film Pathway students can also earn the Georgia Film Academy Film & Television Production Certificate within the major.

Forensic Science & Investigation Pathway

Offers an interdisciplinary program of study for students interested in applying science, social context, and rules of criminal procedure to the seizure and analysis of physical evidence. As Interdisciplinary Studies majors, Students in this pathway learn theories and methods enabling them to address forensic questions by integrating insights, methods, and techniques from multiple relevant disciplines, including Anthropology, Biology, and Chemistry, as well as Criminology.

Natural Resources Management Pathway

Provides a foundation for evaluating the ecological, physical, and social dimensions of the natural environment. Graduates can pursue careers as natural resources managers, conservation scientists, environmental consultants/scientists, watershed/wetland scientists, soil & water conservationist, park rangers, land reclamation inspectors, and many other related fields or pursue graduate studies. The pathway can be effectively combined with Minors in fields such as Biology, Geography, Geology, or Political Science, and Certificates such as Stream Restoration or Atmospheric Science.

Data Science Pathway

Offers a blend of theoretical and practical knowledge of Statistics and Computer science, with the goal of preparing students for exciting data-oriented career opportunities in a variety of industries. Students will build skills in statistical analysis and software development, by carrying out representative workflows of data exploration, visualization, modeling, and model evaluation and interpretation to solve real-world problems. Students will be exposed to contemporary programming languages and cloud-based technologies that enhance data science and machine learning capabilities.

Religion Pathway

Provides a degree option for students interested in the study of religious beliefs, practices, and social phenomena. As Interdisciplinary Studies majors, students in this pathway learn theories and methods enabling them to address questions about religion and spirituality by integrating insights, methods, and techniques from multiple relevant disciplines, including Anthropology, History, Philosophy, Psychology, Sociology, and more.

Creative Writing Pathway

Allows students to develop narrative tools and strong writing ability in concert with study in selected disciplines, including Art, Sociology, or Mass Communication. A strong foundation in writing and narrative strategies in specific academic and pre-professional contexts enables students to become resourceful, creative, and effective leaders, entrepreneurs, intellectuals, and professional writers. Graduates can pursue careers in graphic novels and memoirs, narrative video games, policy analysis, social advocacy, communication strategists, social media managers, literary agents, and influencers, among many others.

Materials Science Pathway

Provides a foundation for study in the field of Materials Science. Through courses in Physics and Chemistry, research projects with faculty mentors, and internships with regional partners, students in this pathway will learn about the physical and chemical properties of matter, preparing them for careers in industries such as aerospace, automobiles, biotechnology, semiconductors, solar energy and utilities, as well as private and government research labs.

Public Management and Society

For students interested in careers related to addressing social and community issues and initiatives through nonprofit or public organizations. Students in this pathway will learn relevant concepts, theories, and techniques in courses in Sociology, Criminology, and Political Science.

Music and Industry

Designed for students interested in commercial or entrepreneurial music ventures, such as promotion, sale of services and products, and management (of oneself or others). Students in this pathway will ground themselves in Music and Business (Management, Marketing, Entrepreneurship).

Music and Wellness

Provides a degree option for students interested in the role of music in active, positive and healthy lifestyles, therapeutic health, and social and emotional learning. Students will learn relevant concepts, theories, and skills in courses in Music, Health and Wellness, and Psychology.

Public Service

Offers a program of study focused on students interested in serving people and groups in our communities, states, and nation through local, state, and federal agencies, social and nonprofit organizations, and community groups. Students in this pathway will learn relevant concepts, theories, and skills in courses in Sociology, Criminology, and Political Science.

Social Entrepreneurship

This BIS Pathway integrates coursework from Management, Sociology, and a variety of additional disciplines to address complex social problems confronting our neighborhoods and communities. Students will learn how to combine social science and business methodologies to analyze social problems as a means of developing a holistic understanding of the causes that underpin these problems and ways of addressing them. This integrative program provides a broad foundation while allowing students to tailor their degrees to a specific area of interest. Graduates can pursue careers in community-based organizations, non-profit management, and local government agencies.

Course Descriptions

Accounting

ACCT 2101 - Principles of Accounting I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ACCT 2101
A study of underlying theory and application of managerial accounting concepts. Requires overall GPA of 2.0.

ACCT 3212 - Financial Reporting I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ACCT 2101 with a minimum grade of C and ACCT 2102 with a minimum grade of C and (GPA2 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.

ACCT 3213 - Financial Reporting II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ACCT 3212 with a minimum grade of C and (GPA2 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ACCT 3212 with a minimum grade of C
A continuation of ACCT 3213 with emphasis on specific measurement and reporting problems including taxes, pensions, leases, accounting changes, disclosure issues, income recognition issues, partnerships, and foreign currency transactions.

ACCT 3232 - Managerial Accounting

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 skill 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ACCT 2101 with a minimum grade of C and ACCT 2102 with a minimum grade of C and (GPA2 2.00 and COBM 1)
A study of the Internal Revenue Code as it relates to individuals. Updated each offering to in-corporate new tax laws, regulations, and rulings in print.

ACCT 3285 - Professional Seminar

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ACCT 3212 with a minimum grade of C
A study of consolidated financial statements and nonprofit accounting.

ACCT 4233 - Strategic Cost Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ACCT 2101
The study of contemporary management control tools and business strategy.

ACCT 4241 - Accounting Information Systems

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ACCT 3251
A study of the Internal Revenue Code as it relates to corporate, partnership, and fiduciary tax. The legal and tax aspects considered in selecting an organization form.

ACCT 4261 - Auditing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ACCT 3213 and ACCT 4241
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.

ACCT 4262 - Assurance Services, Fraud and Ethics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ACCT 4261
A study of assurance and advisory services, business risk assessment, new audit methodologies, fraud detection, ethics, and other contemporary auditing issues.

ACCT 4285 - Special Problems in Accounting

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

In-depth supervised individual study of one or more current problems of the accounting profession.

ACCT 4286 - Business Internship (Accounting)

(1.0 - 3.0 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

Practical accounting internship experience with a commercial firm or organization for selected upper division students.

Anthropology

ANTH 1004 - Introduction to Archaeology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Survey of Archaeology as a Subfield of Anthropology, Content includes basic theoretical concepts, analytic methods, and interpretive models of scientific archaeology. Specific concerns include identification of major shifts in political and social organization, cultural systems, and their adaptive patterns through recovery and analysis of material remains.

ANTH 1100 - Faces of Culture

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 1101 - Voices of Culture

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Engages students in comparing and contrasting cultural patterns of oral and written language. Students will learn about their attitudes toward language and their own ways of speaking in order to better understand the diverse linguistic practices of others.

ANTH 1102 - Introduction to Anthropology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

ANTH 1102 is an examination and analysis of what it means to be human, biologically and culturally. This comparative study of humankind draws materials from the widest possible range of peoples, cultures, and time periods to determine and explain similarities and differences among peoples of the world. This course brings the perspectives of the major sub-fields of anthropology to the study of humanity: cultural anthropology, archeology, anthropological linguistics, and biological anthropology.

ANTH 1105 - Introduction to Biological Anthropology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An examination of humans from biological and evolutionary perspectives. Topics of survey and analysis include systems of human and non-human inheritance and evolution, primatology, origins, variation and adaptation, forensic anthropology, and interactions between biology and culture.

ANTH 1105L - Introduction to Biological Anthropology Lab

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

This course is the optional laboratory component of Anth 1105. It is for Science Majors or students who desire hands-on experience that will enhance and reinforce the content covered in Anth 1105. There is neither a pre-requisite nor a co-requisite for this Lab, however Science Majors aiming for Area D2 completion would need to take both. Lab activities cover systems of inheritance and evolution, primatology, human origins, variation and adaptation, forensic anthropology, and interactions between biology and culture.

ANTH 2002 - Introduction to Cultural Anthropology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2004 - Statistical Methods Anthropology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course provides an introduction to the use of quantitative analysis methods in anthropological research. Topics will include descriptive statistics, hypothesis testing, and multivariate statistics. Students will be expected to gain a basic understanding of the logic behind each test, when it should be used, and how results should be interpreted.

ANTH 3103 - Archaeological Laboratory Methods

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Instruction in the techniques used in cleaning, cataloging, preserving, and analysis of excavated archaeological materials.

ANTH 3104 - The Survivalist's Toolkit

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course provides a hands-on approach to understanding the archaeological record by making, using, and analyzing prehistoric technologies, including stone tools, pottery, and bone tools.

ANTH 3110 - Human Osteology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3158 - Economic Anthropology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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.

ANTH 3180 - Environment and Health: Anthropological Perspectives

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is designed to engage students in critically examining anthropological perspectives on the relationship between the biophysical environment and human physical health, with an emphasis on contemporary environmental health challenges. Topics covered include environment and disease, as well as health in the contexts of food production, natural disasters, radioactivity and toxicity, urban environments, mental health, and social inequalities. The course ends with a consideration of positive ways forward.

ANTH 3186 - Anthropology of Gender

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course examines various theories of gender development and the positions of women and men cross-culturally.

ANTH 3188 - Ethnographic Field Methods

(0 Lecture Hours 8 Lab Hours 4 Credit Hours)

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 Lecture Hours 4.0 - 12.0 Lab Hours 2.0 - 6.0 Credit Hours)

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 - Pig Dig Crime Scene: Methods in Forensic Archaeology and Biological Anthropology

(0 Lecture Hours 8 Lab Hours 4 Credit Hours)

In this practical course, students will learn and apply basic lab and field methods in Forensic Archaeology and Biological Anthropology. We will explore techniques used in osteology, forensics, bioarchaeology, paleoanthropology, and primatology through hands-on activities, guided research, presentation, and written reports.

ANTH 4100 - History of Anthropological Thought

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A survey of major conceptual and theoretical developments in anthropology from the early nineteenth century to the present.

ANTH 4102 - Archaeological Field Research

(0 Lecture Hours 8 Lab Hours 4 Credit Hours)

Direct participation in all aspects of an archaeological excavation project. Instruction in research design, excavation techniques, recording procedures, data analyses, and field interpretation.

ANTH 4103 - Field Methods in Cultural Resource Management

(0 Lecture Hours 8 Lab Hours 4 Credit Hours)

Direct participation in a Cultural Resource Assessment Survey (CRAS) project. Instruction in archaeological survey, mapping, excavation techniques, artifact identification, and artifact processing.

ANTH 4105 - Environmental Archaeology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course will examine long-term human-environmental interaction from an archaeological perspective.

ANTH 4115 - North American Archaeology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A survey of the pre-Columbian cultural development of North America north of Mexico.

ANTH 4121 - Drugs, Culture & Society

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course takes a cross-cultural perspective on experiences with mind-altering substances. Specific topics include drug use in human history, drugs in contexts of healing, spirituality, and recreation; addiction, drug production and trade as a form of livelihood, and legality and the War on Drugs.

ANTH 4122 - Skeletal Indicators of Health and Behavior

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Skeletal Indicators of Health and Behavior play an important role in both Forensics and Bioarchaeology. In this course, students will build a solid knowledge of methods used in the two disciplines for the reconstruction of health and behavior in discovered skeletal remains, including trauma and injury, disease, diet, physical activity, and mobility across the landscape. Opportunity will be provided for hands-on application of methods in the BAFAL lab. Contextual forensic and bioarchaeological case reports and interpretations will be critically evaluated in student presentations and in-class discussions. Students will gain an understanding of the prospects and limitations of skeletal analyses in understanding human's past and present, including important ethical considerations in the handling of human remains.

ANTH 4125 - Forensic Anthropology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4135 - Genes and Genomania

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This Medical Anthropology course builds a basic understanding of new genetic techniques and research directions, uncovering sources of contention between scientific and public perceptions on the genetic revolution.

ANTH 4144 - Peoples and Cultures of Latin America

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4146 - Latin@s in the United States

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course provides an in-depth exploration of anthropological research into the diverse ethnic, national, racial, linguistic, religious, cultural traditions, and immigration experiences of Latin@s living in the United States. It will investigate the many meaning of Latinidad, a broad-sweeping term that encompasses the heterogeneity of populations in the United States and elsewhere that trace their ancestry to various parts of Latin America.

ANTH 4150 - Human Evolution

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ANTH 1105 or BIOL 1107 or BIOL 1010
This course focuses on the evolution of humans and our nearest relatives using evidence from fossil record and genetic analysis. It places special importance on human origins while ad-dressing modern and future human variability from perspectives both ethical and philosophical.

ANTH 4155 - Peoples and Cultures of Sub-Saharan Africa

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Study of selected African cultures with emphasis on social organization, belief systems, history, and politics.

ANTH 4165 - Primatology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

A comparative and cross-cultural approach to religious systems and theories on the anthropology of religion.

ANTH 4173 - Language and Culture

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A study of the history and perspectives of linguistic anthropology with special emphasis on the relationship between language and culture.

ANTH 4175 - Southeastern Archaeology & Ethnohistory

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A survey of Native American culture in Southeastern North America from the Paleoindian to Colonial periods.

ANTH 4176 - Narrative and Storytelling in Ethnography

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

This course will study examples of the stories and narratives that anthropologists collect during fieldwork and those that they produce later, when they are back at their desks reflecting on their experiences. Students will be asked to think critically about the various forms of storytelling we engage in, as well as to consider the power of representation through text.

ANTH 4181 - Cultural Resources Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ANTH 1102 or ANT 101
Students translate their cumulative knowledge in anthropology to analyze current human challenges and to examine anthropology as a gateway to professional careers. It includes a project that enables them to reflect on what they learned and apply it to a broader context.

ANTH 4186 - Internship

(0 Lecture Hours 1.0 - 6.0 Lab Hours 1.0 - 6.0 Credit Hours)

Prerequisite: ANTH 1102 or ANT 101
Practical experience with a public or private agency directly related to a field of anthropology.

ANTH 4190 - Modern Shamanism

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A survey of the contemporary practice of shamanism as a cross-cultural system of divination, healing, and prophecy, foundational to the practice of religion and healing in most cultures (including state societies). Using examples from traditional small-scale indigenous and rural societies to the transposition of shamanism into Western urban cultures/subcultures, we examine the rationale, development, and adaptive practice of shamanism (e.g., altered states of consciousness and the use of shamanic tools and movements) as part of the wider cultural context of faith and healing.

ANTH 4201 - Artifact Analysis

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is a hands-on introduction to interpreting artifacts from archaeological sites that focuses on the analysis of flaked stone tools, prehistoric ceramics, shell, bone, and perishables artifacts, and historic artifacts.

ANTH 4202 - Rise and Fall of Ancient Civilizations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course explores the timing and diversity in the rise and fall of great civilizations around the world.

ANTH 4204 - Ice Age Peoples of North America

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The goal of this course is to explore the contributions of archaeology, human genetics, paleo-anthropology, linguistics, vertebrate paleontology, and paleogeography in peopling of the Americas research. We will discuss how the evidence provided by these disciplines is used in the search of Ice Age Americans.

ANTH 4881 - Independent Study

(1:00 - 4:00 Lecture Hours 0 Lab Hours 1.0 - 4.0 Credit Hours)

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 for up to 10 hours for credit.

ANTH 4885 - Special Topics

(1.0 - 4.0 Lecture Hours 0 Lab Hours 1.0 - 4.0 Credit Hours)

Individual topics in anthropology.

ANTH 4900 - Directed Reading

(0 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 1-4 Credit Hours)

Directed field or laboratory research. Students must propose a detailed plan of research stating problem and methods and secure the written permission of a supervising instructor before registration. This course is repeatable to a maximum of 4 hours.

Art

ART 1006 - Design I (2D)

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: 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 World Art I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An introduction to art and architecture as social products of a global human history. Both the comparability and diversity of human social organizations and the role of visual culture in them will be discussed. From the Prehistoric through the Gothic era in Europe. Lecture/discussion format.

ART 2202 - History of World Art II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An introduction to art and architecture as social products of a global human history. Both the comparability and diversity of human social organizations and the role of visual culture in them will be discussed. From the Early Renaissance in Europe to the present. Lecture/discussion format.

ART 3000 - Art for Early Childhood and Elementary

(0 Lecture Hours 4 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 - Art Education Foundations

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 1006 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C.
This course introduces students to the profession, foundational theories, concepts, practices, sociocultural impacts and history of art education. It explores the importance and role of visual arts education in P-12 schools and community arts settings and its value in the holistic education, growth and development of an individual.

ART 3012 - Processes and Materials for Art Education

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 1006 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C.
This course investigates and connects foundational art education theories, concepts and practices to methods, pedagogy, processes and materials in art education and studio activities. It includes the foundations, approaches and methods of art pedagogy and selecting materials and processes for designing age and developmentally appropriate art activities for learners of all abilities, special needs and sociocultural backgrounds that address art history, aesthetics, criticism and visual art production.

ART 3050 - Introduction to Jewelry

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisites: ART 1006, ART 1007, ART 1008, ART 1009
This course is designed to provide students with a basic knowledge and understanding of small metals, jewelry and wearables. This class will facilitate a broad understanding of both the formal and conceptual aspects of making small scale wearable objects. We will explore a range of technical skills from cold connections to small scale soldering. We will address forming materials such as non-ferrous metals, silver, copper, brass and found materials.

ART 3060 - Illustration Studio

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 3550 with a minimum grade of C.

This course is intended to introduce the student to the field of graphic illustration, including the history, purpose, and ways of creating an illustration. Exercises and assignments will stimulate narrative and critical thinking skills, development of a personal style, and exploration of various solutions to the same problem. Students will be introduced to a variety of media, with flexibility in their choice of media for given assignments. Students must be accepted into the Animation, Illustration, and Digital Arts concentration prior to enrolling in this course.

ART 3065 - Introduction to Scientific/ Pre-Medical Illustration

(0 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: ART 1006 with a minimum grade of C and ART 1009 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 course will familiarize the student with the art of scientific/pre-medical illustration, including the history, techniques, and varied applications. Students will acquire skills applicable to the fields of pre-medical, biological, botanical, entomological, archaeological, paleontological, anthropological and nursing illustration. Emphasis will be placed on the development of the student's ability to accurately and clearly illustrate diagrammatically, narrative, and as a documentarian. Students will learn to incorporate and utilize research of the subject into their illustrations.

ART 3100 - Art Abroad: (Destination of Travel)

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 perspective 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 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 one's 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 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 art-work. Course may be repeated for up to 15 credit hours.

ART 3210 - Non-Western Art

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 areas. 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3.0 - 4.0 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: (ART 1006 with a minimum grade of C or ART 3012 with a minimum grade of C) and ART 1009 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3310 - Pottery Techniques

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 3301
Pottery Techniques is a process premised intermediate course that provides students with the opportunity to expand their technical skills, experience, and critical thinking skills through the completion of a series of wheel-thrown and hand-built vessel specific projects.

ART 3311 - High Fire Glazing

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 3301
High fire Glazing is a comprehensive introduction to the common practices and procedures used in deriving high temperature utilitarian glazes from raw materials.

ART 3312 - Post-Fire: Raku, Pit, & Obvara

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 3301
Post-Fire: Raku, Pit, & Obvara is a summer ceramics studio course designed to serve as a hands-on participatory overview of a wide variety of low temperature post-fire surface techniques not comprehensively covered in the general Ceramics curriculum.

ART 3400 - Graphic Design Survey for Non-Majors

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Graphic Design Survey for Non-Majors is a studio class teaching the basic principles and terminology of graphic design and typography, with an emphasis on the design process. Students will be able to apply these concepts and creative processes to visually communicate their ideas in a more effective way. Open to ALL UWG students. Art majors: course can count as Departmental Elective. ART 3400 will not count as a Graphic Design Concentration elective or substitute for any other concentration requirements.

ART 3401 - Graphic Design I

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 1006 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C.
An introduction to communication design with a strong emphasis on sound design and typo-graphic principles, developing an understanding of structure, history, technology and application.

ART 3402 - Graphic Design II: Typography II

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ART 1006 and ART 1007 and ART 2201. Permission of Instructor. $75.00 lab fee request.
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 print-making and photography.

ART 3550 - Intro to Digital & Sequential Arts

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisites: ART 1006 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C
This course is designed to introduce students to fundamental principles and techniques in animation, Illustration, digital arts, and other sequential arts. A focus will be placed on technologies and creative concepts while introducing both analogue and digital methods of production.

ART 3551 - Animation Studio

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisites: ART 3550 with a minimum grade of C
This course is designed to introduce students to fundamental principles and techniques in animation. It will build upon students' existing analog and digital skills in 2-D and 3-D production while further incorporating the use of temporal visual and aural techniques to create animations.

ART 3552 - Intermediate Digital & Sequential Arts

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisites: ART 3550 with a minimum grade of C
This course is designed to further develop students' understanding of the principles and techniques in animation, Illustration, digital, and other sequential arts. Students will focus on technologies and concepts in sequential arts while building on skill sets necessary for effective storytelling and production.

ART 3553 - Stop-Motion Animation

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisites: ART 3550 with a minimum grade of C
This course is designed to introduce students to principles and techniques in stop-motion animation. A focus will be put on how stop-motion techniques can be integrated into students' existing art practice. Students will produce several short stop-motion animations while exploring numerous techniques and styles. Students will learn the historic evolution of stop-motion animation and its place in contemporary art. Weekly film screenings will accompany critical readings.

ART 3601 - Painting I: Watercolor

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 1006 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008.
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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 1006 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008.
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 3605 - Painting III: Painting Figure

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 3601 with a minimum grade of C OR ART 3602 with a minimum grade of C
This is an intensive investigation into many modes of painting and representation centering around human and animal forms, including anatomical studies, illustration, metaphorical and abstract painting, depictions of figure in exterior and interior space, and multiple figures interacting in the picture plane. Students will practice gesture drawing in each class, large scale painting, extended poses, foreshortening, and keep a sketchbook. Students will explore the content of the class with various types of paint, including watercolor, oil, and mixed media as well as drawing, using traditional and contemporary approaches.

ART 3700 - Survey of Photography

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite:(ART 1006 Minimum Grade: C or ART 1101 Minimum Grade: C) AND (ART 1009 Minimum Grade: C or ART 1102 Minimum Grade: C) AND ART 1007 Minimum Grade: C AND ART 1008 Minimum Grade: C.
This course is designed to give students to a comprehensive investigation of the history of photography through study and production. This course explores the technical innovations, cultural implications, and the major figures in photography's history. Students will learn the subject by working hands-on with historic photographic darkroom processes as well as through lectures, readings and exams. It is recommended that this course is taken the same semester as ART 3701 for all photography majors.

ART 3701 - Intro to Photography

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 1006 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C.
This course explores the use of digital - SLR (single lens reflex) cameras. Studio practice emphasizes digital workflow and print production. Assignments are usually weekly and present a cumulative set of strategies for constructing

images. Course also provides an introduction to the history and the many cultural implications of the medium. Emphasis is placed on sophisticated seeing and image making within the camera rather than digital manipulation.

ART 3702 - Darkroom Photography

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisites: ART 3701 with a minimum grade of C OR ART 3100 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 a personal visual vocabulary and understanding of historical and cultural implications.

ART 3703 - Digital Imaging

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisites: ART 3701 with a minimum grade of C
This course explores digital manipulation of imagery as a post-production process. Exercises explore various strategies for reconfiguring imagery and what the reconfiguring does to the meaning of imagery. Selected readings and discussions aid in the discussion/understanding on/of these topics. The course also stresses continued development of personal visual vocabulary and understanding of historical and cultural implications.

ART 3704 - Introduction to Time-Based Art (Video I)

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 3705 - Artificial Lighting

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 3701 with a minimum grade of C
This course provides students with an introduction to artificial lighting for photography and video. Students will learn the fundamentals of artificial lighting and its application through demonstrations, weekly assignments, and readings. Students will complete a series of assignments in and outside of the photography studio using lighting techniques to achieve conceptual and aesthetic goals.

ART 3801 - Printmaking I: Survey

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 1006 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 1006 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: ART 3901 with a minimum grade of C and ART 1009 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
Advanced visual art production and personal expression in drawing. May be repeated up to 15 credit hours.

ART 4005 - Advanced Life Drawing

(0 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: ART 1006 with a minimum grade of C and ART 1009 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

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 - Curriculum and Assessment for Art

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C and ART 3011 with a minimum grade of C and ART 3012 with a minimum grade of C for P-12 teacher certification track students. ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C and ART 3011 with a minimum grade of C and ART 3012 with a minimum grade of C for Community Arts tract students.
This course focuses on curriculum design, assessment, classroom management, classroom design, and program design for P-12 art classrooms and community arts settings. It builds upon the foundations established in Art Education, Studio Art and Art History courses. Art pedagogy, methods, planning/curriculum, assessment, art production, criticism, aesthetics, classroom climate and community are explored. A mid-level field placement in a prekindergarten and elementary level art class is required for art teacher certification students and an approved elementary grades level community arts placement for Community Arts track students.

ART 4010 - Instructional Planning and Pedagogy for Art

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C ART 3011 with a minimum grade of C and ART 3012 with a minimum grade of C for the P-12 teacher certification track students. ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C and ART 3011 with a minimum grade of C and ART 3012 with a minimum grade of C for Community Arts track students.
This course continues the examination and investigation of art education pedagogy, methods, planning and diverse populations. Methods and approaches in art education include art production, aesthetics, criticism, culture/subcultures, adolescence, studio media, technology, classroom management, planning and assessment. A mid-level field placement in a middle and high art class is required for art teacher certification students and an approved secondary grades level community arts placement for Community Arts track students.

ART 4011 - Internship in Art Education

(0 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: College of Education field experience documentation required and Admission to Teacher Education program for P-12 teacher certification track students and instructor approval for Community Arts track students.

The Internship in Art Education is the culminating course of the P-12 art teacher preparation and Community Arts tracks. It is typically viewed as a full class load and done in a selected school (for P-12 art teacher track) or approved community arts site (for community arts track) under the guidance of an experienced mentor 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 P-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 for students in the teacher certification track.

ART 4012 - Internship in Art Education

(0 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: College of Education field experience documentation required and Admission to Teacher Education program for P-12 teacher certification track students and instructor approval for Community Arts track students.
The Internship in Art Education is the culminating course of the P-12 art teacher preparation and Community Arts tracks. It is typically viewed as a full class load and done in a selected school (for P-12 art teacher track) or approved community arts site (for community arts track) under the guidance of an experienced mentor 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 P-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 for students in the teacher certification track.

ART 4013 - Internship in Art Education

(0 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: College of Education field experience documentation required and Admission to Teacher Education program for P-12 teacher certification track students and instructor approval for Community Arts track students.
The Internship in Art Education is the culminating course of the P-12 art teacher preparation and Community Arts tracks. It is typically viewed as a full class load and done in a selected school (for P-12 art teacher track) or approved community arts site (for community arts track) under the guidance of an experienced mentor 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 P-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 for students in the teacher certification track.

ART 4078 - Mid-Program Review

(0 Lecture Hours 0 Lab Hours 0 Credit Hours)

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 4211 - Japanese Art

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: (ART 2201 and ART 2202) or ART 3210

This course provides an intensive survey of the arts of Japan from the early Jōmon period to the present day. Topics covered include ancient pottery techniques and early human settlements, Shintoism, Zen Buddhism, ukiyo-e printmaking, the Meiji restoration, manga, and anime.

ART 4215 - Art of the African Diaspora

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: (ART 2201 and ART 2202) or ART 3210
Advanced lecture-based course on the art of Africa and the African Diaspora, including African, African American, and global artists of African heritage, both historical and contemporary. N/A

ART 4290 - Modernist Criticism

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ART 2201 with a minimum grade of C and 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 Lecture Hours 0 Lab Hours 1 Credit Hours)

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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 1.5 Lab Hours 3 Credit Hours)

Prerequisite: ART 3401 with a minimum grade of B and ART 3402 with a minimum grade of C and admission to Bachelor of Fine Arts with a Major in Art, Graphic Design.
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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 3401 with a minimum grade of B and ART 3402 with a minimum grade of C and admission to Bachelor of Fine Arts with a Major in Art, Graphic Design
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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 3401 with a minimum grade of B and ART 3402 with a minimum grade of C and admission to Bachelor of Fine Arts with a Major in Art, Graphic Design.
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 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: ART 3401 with a minimum grade of B and ART 3402 with a minimum grade of C and admission to Bachelor of Fine Arts with a Major in Art, Graphic Design
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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisites: ART 3401 with a minimum grade of B and ART 3402 with a minimum grade of C and admission to Bachelor of Fine Arts with a Major in Art, Graphic Design
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 & Methods in Graph Design

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisites: ART 3401 with a minimum grade of B and ART 3402 with a minimum grade of C and admission to Bachelor of Fine Arts with a Major in Art, Graphic Design
This is an advanced typography course dedicated to exploring unconventional forms of typo-graphic 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, ART 1007, ART 1008, ART 1009, ART 2201, and ART 2202.

ART 4559 - Advanced Animation & Illustration

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisites: ART 3550 with a minimum grade of C and (ART 3551 or ART 3060 or ART 3552 or ART 4702 with a minimum grade of C
Contingent on the approval of the instructor, the student will define a project delving into specific subject matter as it relates to Animation, Illustration, Digital Art, or other Sequential Arts. This course is meant to further the direction of the individual and the development of an advanced portfolio or works. May be repeated up to 15 credit hours.

ART 4586 - Internship

(0 Lecture Hours 1.0 - 9.0 Lab Hours 1.0 - 9.0 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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. Its 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.

ART 4604 - Acrylic & Experimental Process

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 3602 or ART 3601 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 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 4706 - Advanced Photography Studio

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

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.
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 participate in the artistic community both through exhibiting or competing contract freelance 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 4708 - Exp Prac in Lens-Based Media

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ART 4703 with a minimum grade of C or ART 4704 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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ART 3801 with a minimum grade of C
Letterpress and Printing and Book Arts will continue with advanced problems where Print-making Survey (ART 3801) ended. The utilization of moveable type (typesetting) will compare aesthetics, history and vocabulary with those of current computer-based typesetting. Letter press 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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 is-sues in contemporary sculpture using a wide range of traditional and nontraditional materials.

ART 4904 - Advanced Sculpture

(0 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 1 Credit Hours)

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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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.

ARTS 1100 - Art Appreciation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Art 1100 is a 3 semester-credit-hour course focused on fostering an awareness, understanding, and appreciation for the visual arts. Through exposure to cross-cultural art images throughout history, students will build a global artistic vocabulary that allows for the constructive analysis of art objects. Students will also gain an understanding of the influence of art on other important aspects of culture including politics, history, religion, and science.

Astronomy

ASTR 2313 - Astronomy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A survey of sky awareness, historical developments of astronomy, the solar system, stars, nebulas, and galaxies.

ASTR 2313L - Astronomy Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

An experimental introduction to the elementary tools of astronomy.

ASTR 3033 - Topics in Astronomy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Topics about the solar system, stars, galaxies, and cosmology. May not be taken by students who have completed ASTR 2313 and does not count toward a major in physics.

ASTR 3133 - Observational Astronomy

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: PHYS 2212 and PHYS 2212L , with a grade of C or better
A calculus-based introduction to observational astronomy, with topics including astronomical time and coordinate systems, telescope design, CCD detectors, photometric and spectroscopic instrumentation, statistics and error analysis, and image processing techniques. The laboratory component will involve two projects at the Campus Observatory with data reduction and analysis using state-of-the-art software, as well as sky awareness and other topics in observational astronomy.

ASTR 3683 - Astronomy Research

(0 Lecture Hours 4-8 Lab Hours 1-2 Credit Hours)

Faculty-mentored research in observational astronomy and/or theoretical/computational astrophysics.

ASTR 4103 - Stellar Astrophysics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: PHYS 3503
An advanced overview of stellar astrophysics, covering stellar spectroscopy, radiative transfer and energy transport, chemical abundance determinations, stellar atmospheres and interiors, and the life cycles of stars from formation to compact remnants.

ASTR 4433 - Galaxies and Cosmology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: MATH 2654 and PHYS 3503 or PHYS 4513
An advanced overview of extragalactic astronomy and cosmology (the origin and evolution of the Universe from the Big Bang to the present day). Topics include galaxy properties, dark matter and dark energy, supermassive black holes, galaxy formation and evolution, expansion of the Universe, Big Bang nucleosynthesis, cosmic microwave background and structure formation.

ASTR 4984 - Introduction to Astrophysical Literature

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisites: Two or more of the following: ASTR 3133, ASTR 4103, ASTR 4433
Capstone course for physics majors with a concentration in astronomy. Students will study and research recent papers from the astrophysical literature, and present them as journal club-style talks. Cross-listed with PHYS 4984 - Physics Seminar.

Biology

BIOL 1010 - Fundamentals of Biology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An introduction in basic biological phenomena. Emphasis will be placed on humans and processes within the human biology. Topics include: biological molecules, cells, organ systems, genetics, biological diversity, and the interaction of man with his environment.

BIOL 1010K - Fundamentals of Biology with Lab

(3 Lecture Hours 1 Lab Hours 4 Credit Hours)

An introduction in basic biological phenomena. Emphasis will be placed on how to ask scientific questions and use data to understand life on earth. The focus is on humans and processes within the human biology. Students will use scientific method and laboratory procedures to analyze data, solve problems, and explain nature. Lessons on biological molecules, cells, organ systems, genetics, biological diversity, and the interaction of man with his environment integrate laboratory exercises with the topic. This course equips students to solve problems using an analytical approach and to exchange information within a group.

BIOL 1010L - Fundamentals of Biology Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Laboratory component of BIOL 1010.

BIOL 1012 - Ecology and Environmental Biology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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.

BIOL 1012K - Introductory Biology II and LAB

(4 Lecture Hours 1 Lab Hours 4 Credit Hours)

This course covers the evolution and diversity of organisms, including microbes, protists, fungi, plants, and animals. Additional topics include body systems, the immune system, reproduction and development, and ecology. For non-biology majors only.

BIOL 1013 - Biology of AIDS and Infectious Disease

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 out health.

BIOL 1015L - The Unseen World of Microorganisms Lab

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

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 1016 - Biology of Human Reproduction

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The Biology of Human Reproduction is designed to familiarize students with the basic structure and function of the reproductive tract, developmental biology, 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 1107 - Principles of Biology I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is the first of a two-part sequence for nursing and non-biology science majors. Topics include biomolecules, cell structure and function, energy metabolism, photosynthesis, cell reproduction, and genetics. Concurrent Prerequisite: BIOL 1107L

BIOL 1107L - Principles of Biology I Laboratory

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

The laboratory component for BIOL 1107.

BIOL 1108 - Principles of Biology II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C
This course is the second of a two-part sequence for nursing and non-biology science majors. Topics include evolution, plant and animal physiology, and ecology. Concurrent Prerequisite: BIOL 1108L

BIOL 1108L - Principles of Biology II Laboratory

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

Concurrent Prerequisite: BIOL 1108

The laboratory component for BIOL 1108.

BIOL 1110 - Biological Diversity

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 2107 - Principles of Biology I for Biology Majors

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Concurrent Prerequisite: BIOL 2107L 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 Lecture Hours 3 Lab Hours 1 Credit Hours)

Concurrent Prerequisite: BIOL 2107 and (CHEM 1212K or CHEM 1212)
This is the laboratory component for the lecture course, BIOL 2107.

BIOL 2108 - Principles of Biology II for Biology Majors

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: and BIOL 1110 and BIOL 2108L
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 Lecture Hours 3 Lab Hours 1 Credit Hours)

Concurrent Prerequisite: BIOL 1110 and BIOL 2108
This is the laboratory component for the lecture course, BIOL 2108.

BIOL 2120 - Biological Computer Applications

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

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 2251 - Anatomy and Physiology I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: (BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) or (BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (CHEM 1152K Minimum Grade: C or (CHEM 1152 Minimum Grade:

C and CHEM 1152L Minimum Grade: C) or (CHEM 1212 Minimum Grade: C and CHEM 1212L Minimum Grade: C)) or (PHYS 1112 Minimum Grade: C and PHYS 1112L Minimum Grade: C)
This course is the first course in a two-semester sequence designed to explore the biological and chemical processes underlying the structure and function of the human body at the cellular, tissue, organ, and whole-body level. Topics to be covered include, but are not limited to, biological chemistry; cellular structure and function; tissues; and the integumentary, skeletal, muscular, and nervous systems. This course is designed primarily for those pursuing majors in nursing and the allied health professions. It is not intended for biology or other laboratory science majors and cannot be used for credit for those degrees. Concurrent Prerequisite: BIOL 2251L

BIOL 2251L - Anatomy and Physiology I Laboratory

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

This course is the laboratory component of BIOL 2251. It is designed to provide hands-on experiences that will enhance and reinforce the content covered in BIOL 2251.

BIOL 2252 - Anatomy and Physiology II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: BIOL 2251 Minimum Grade: C and BIOL 2251L Minimum Grade: C
This is the second course in a two-semester sequence designed to explore the biological and chemical processes underlying the structure and function of the human body at the cellular, tissue, organ, and whole-body level. Topics to be covered include, but are not limited to, the cardiovascular, endocrine, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. Metabolism and fluid, electrolyte, and acid-base balance will also be covered. This course is designed primarily for non-biology majors, especially those pursuing majors in nursing and the allied health professions. It is not intended for biology or other laboratory science majors and cannot be used for credit for those degrees.

BIOL 2252L - Anatomy and Physiology II Laboratory

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

Prerequisites: BIOL 2251 Minimum Grade: C and BIOL 2251L Minimum Grade: C
This course is the laboratory component of BIOL 2252. It is designed to provide hands-on experiences that will enhance and reinforce the content covered in BIOL 2252.

BIOL 2260 - Foundations of Microbiology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: (BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) or (BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (CHEM 1152K Minimum Grade: C or (CHEM 1152 Minimum Grade: C and CHEM 1152L Minimum Grade: C)) or (CHEM 1212K Minimum Grade: C or (CHEM 1212 Minimum Grade: C and CHEM 1212L Minimum Grade: C)) or (PHYS 1112 Minimum Grade: C and PHYS 1112L Minimum Grade: C)
This course provides an introduction to microbiology. It introduces students to the diversity and classification of medically significant microorganisms, their modes of pathogenesis and transmission, and the infectious diseases they cause. Topics to be covered include, but are not limited to, microbial cell biology and genetics; major classes of disease-causing microorganisms; host immune response; microbial control; aseptic technique; disinfection; and isolation, culture, staining, and identification of microorganisms. This course is designed primarily for non-biology majors, especially those pursuing majors in nursing and the allied health professions. It is not intended for biology or other laboratory science majors and cannot be used for credit for those degrees.

BIOL 2260L - Foundations of Microbiology Laboratory

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

This course is the laboratory component of BIOL 2260. Select laboratory exercises will provide training in the basic laboratory techniques for culture and identification of microbes.

BIOL 2983 - Undergraduate Biology Research

(0 Lecture Hours 1.0 - 4.0 Lab Hours 1.0 - 4.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 1.0 - 4.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 under-standing 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 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 1107 or BIOL 2107 with a minimum grade of C) and (BIOL 1107L or BIOL 2107L with a minimum grade of C) and (BIOL 1108 or BIOL 2108 with a minimum grade of C) and (BIOL 1108L or BIOL 2108L with a minimum grade of C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 1107 or BIOL 2107 with a minimum grade of C) and (BIOL 1107L or BIOL 2107L with a minimum grade of C) and (BIOL 1108 or BIOL 2108 with a minimum grade of C) and (BIOL 1108L or BIOL 2108L with a minimum grade of C) and CHEM 1211K or (CHEM 1211K and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)

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 3168 - Evolution and Ecology

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisites: BIOL 1107, BIOL 1107L, BIOL 1108, BIOL 1108L, BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, CHEM 1211, CHEM 1211L, CHEM 1211K, CHEM 1212, CHEM 1212L, CHEM 1212K
This course is designed to familiarize all Biology majors with the most important principles of evolution and ecology, including natural selection, molecular evolution, population genetics, phylogenies, species and speciation, climate, population ecology, interspecific interactions, communities, and ecosystems.

BIOL 3221 - Taxonomy of Flowering Plants and Ferns

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 1107 or BIOL 2107 Minimum Grade: C) and (BIOL 1107L or BIOL 2107L Minimum Grade: C) and (BIOL 1108 or BIOL 2108 Minimum Grade: C) and (BIOL 1108L or BIOL 2108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 Lecture Hours 6 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 1107 or BIOL 2107 with a minimum grade of C) and (BIOL 1107L or BIOL 2107L with a minimum grade of C) and (BIOL 1108 or BIOL 2108 with a minimum grade of C) and (BIOL 1108L or BIOL 2108L with a minimum grade of C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
The principles and mechanisms of evolution in plants and animals, covering population phenomena, specification, sexual selection, life history strategies, behavior, adaption, systematics and biogeography.

BIOL 3310 - Microbiology

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 1107 or BIOL 2107 with a minimum grade of C) and (BIOL 1107L or BIOL 2107L with a minimum grade of C) and (BIOL 1108 or BIOL 2108 with a minimum grade of C) and (BIOL 1108L or BIOL 2108L with a minimum grade of C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
Microbiology is one of the largest and oldest subdisciplines within the biological sciences. It has a rich history and continues to impact many aspects of modern life. This course will introduce students to the diversity of microbial life and to the roles of microorganisms in infectious diseases, environmental processes, and biotechnology with a special emphasis on bacteria and viruses. Experiential learning opportunities will give students exposure to a myriad of techniques commonly used in medical microbiology, environmental microbiology, and research.

BIOL 3513 - Human Physiology

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 1107 with a minimum grade of C or BIOL 2107 with a minimum grade of C) and (BIOL 1107L with a minimum grade of C or BIOL 2107L with a minimum grade of C) and (BIOL 1108 with a minimum grade of C or BIOL 2108 with a minimum grade of C) and (BIOL 1108L with a minimum grade of C or BIOL 2108L with a minimum grade of C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)

A survey of the mechanisms involved in the function of the human body. Study is approached from the organ system level to address muscular, neural, hormonal, cardiovascular, respiratory, digestive, renal, and reproductive functions. Correlation will be made to the similarity between the demands placed on living systems regardless of whether the organism is multicellular or a single cell.

BIOL 3526 - Vertebrate Histology

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 1107 or BIOL 2107 with a minimum grade of C) and (BIOL 1107L or BIOL 2107L with a minimum grade of C) and (BIOL 1108 or BIOL 2108 with a minimum grade of C) and (BIOL 1108L or BIOL 2108L with a minimum grade of C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: MATH 1113 Minimum Grade: C
Specially designed to meet the needs of future teachers, students design and carry out four in-dependent inquiries, which they write up and present in the manner that is common in the scientific community. Course is restricted to UTEACH students.

BIOL 4130 - Climate Change Biology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: BIOL 1107 or BIOL 2107 Minimum Grade: C) and (BIOL 1107L or BIOL 2107L Minimum Grade: C) and (BIOL 1108 or BIOL 2108 Minimum Grade: C) and (BIOL 1108L or BIOL 2108L Minimum Grade: C)
This course examines the impacts of climate change on living organisms, biological communities and ecosystems. The course focuses on what is known and what is not known, about the ways in which the suite of changing climate variables influence biological systems

BIOL 4134 - Advanced Molecular Biology & Bioinformatics

(3 Lecture Hours 1 Lab Hours 4 Credit Hours)

Prerequisites: BIOL 3134 Minimum grade: C and CHEM 1211K or (CHEM 1211 and CHEM 1211L) Minimum

Grade: C and CHEM 1212K or (CHEM 1212 and CHEM 1212L) Minimum Grade: C.
This is a hands-on Molecular Biology and Bioinformatics (Computational Molecular Biology) course centered on learning advanced inter-disciplinary concepts and techniques in Molecular Biology. Students will learn molecular techniques used for nucleic acid studies and proteomics. Students will learn to employ bioinformatics tools to analyze nucleotide and protein sequences using gene/protein databases, genomic portals. Additionally, students will analyze gene expression and gene co-expression patterns using RNA seq and microarray data available on public data repository. Students will work on an independent specific Molecular and Bioinformatics project outside of regular class time.

BIOL 4241 - Entomology

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 be-tween insects and humans, other animals, and plants will be examined. The influences of in-sects 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 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107 Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 utilized to study behavioral mechanism such as mate selection and foraging. Application of molecular ecology principles to conversation will also be explored.

BIOL 4315 - Bacterial Genetics

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: BIOL 3310
Bacterial Genetics is an advanced microbiology course which focuses on the molecular genetics of the bacterium Escherichia coli. Topics addressed include the nature of the bacterial chromosome, the multi-step process of DNA replication, DNA damaging agents and mutations, DNA repair systems, mechanisms of gene transfer and antibiotic resistance, and the regulation of gene expression. The laboratory component reinforces concepts learned in lecture and familiarizes students with modern techniques used in genetic engineering and biotechnology.

BIOL 4321 - Applied and Environmental Microbiology

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: BIOL 3310
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 4411 - Scientific Communication

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Science Communication is a one-semester, three-hour course. This course will discuss the nature of science, what it means to be scientifically literate, how to distinguish science from pseudoscience, and how to make a persuasive argument regarding a scientific topic. The course is cross-listed in Physics, Chemistry, Geography, Geology, and Biology.

BIOL 4424 - Wildlife Habitat Ecology

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 1107 or BIOL 2107 with a minimum grade of C) and (BIOL 1107L or BIOL 2107L with a minimum grade of C) and (BIOL 1108 or BIOL 2108 with a minimum grade of C) and (BIOL 1108L or BIOL 2108L with a minimum grade of C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 4425 - Fire Ecology

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisites: (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) or (BIOL 1107 and BIOL 1107L with a minimum grade of C and BIOL 1108 and BIOL 1108L with a minimum grade of a C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
This is a field-based course in fire ecology concepts and techniques of the Southeast. Hands-on lessons address the use of prescribed fire to benefit ecosystems and cover safety, weather, fuel, firing techniques, and smoke management. Students will write a prescribed burn plan and participate in several burn events outside of regular class time

BIOL 4427 - Conservation Biology

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisites: (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) or (BIOL 1107 and BIOL 1107L with a minimum grade of C and BIOL 1108 and BIOL 1108L with and minimum grade of a C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
Conservation biology is an interdisciplinary field with the main goal of preserving biodiversity. Course topics will cover ecosystem services, major threats, solutions, and policy related to biodiversity and endangered species. Students will apply their knowledge by conducting a local conservation research project and communicating their findings.

BIOL 4430 - Wildlife Techniques

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and (CHEM 1211K or CHEM 1211 and CHEM 1211L)) and (CHEM 1212K or (CHEM 1212 and CHEM 1212L))
This hands-on, field-based course introduces techniques used by managers and researchers when working with wildlife including birds, mammals, reptiles, and amphibians. Major course topics cover wildlife classification and taxonomy map and compass navigation, animal capture and handling, sex and age determination, invasive and noninvasive marking, remote tracking, and habitat sampling.

BIOL 4440 - Aquatic Ecology

(2 Lecture Hours 6 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 1107 or BIOL 2107 with a minimum grade of C) and (BIOL 1107L or BIOL 2107L with a minimum grade of C) and (BIOL 1108 or BIOL 2108 with a minimum grade of C) and (BIOL 2108 or BIOL 2108L with a minimum grade of C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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.

BIOL 4441 - Animal Behavior

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 or CHEM 1211 and CHEM 1212K or CHEM 1212) or (BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K or CHEM 1211)
This course explores the general themes and important questions in animal behavior. We will cover subjects that examine how and why animals interact with each other and their environment. Topics include: animal communication, habitat selection, foraging, predator-prey dynamics, sexual selection, mating systems, behavioral development, and learning, among others.

BIOL 4445 - Marine Biology

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
The study of the kinds and distributions of marine organisms. Particular attention is paid to biotic and abiotic features of the oceans, survey of marine habitats, organism-habitat relationships, general ecological concepts influencing marine populations and communities, and human impacts and conservation efforts.

BIOL 4450 - Terrestrial Ecology

(2 Lecture Hours 6 Lab Hours 4 Credit Hours)

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 indepth 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (BIOL 1107 with a minimum grade of C or BIOL 2107 with a minimum grade of C) and (BIOL 1107L with a minimum grade of C or BIOL 2107L with a minimum grade of C) and (BIOL 1108 with a minimum grade of C or BIOL 2108 with a minimum grade of C) and (BIOL 1108L with a minimum grade of C or BIOL 2108L with a minimum grade of C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L) and CHEM 2411
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 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and

BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
A course combining the fundamentals of embryology with the genetic and molecular analysis of embryonic development.

BIOL 4539 - Comparative Physiology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: BIOL 3310
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. A laboratory component is included to support the exploration of immuno-diagnostic techniques.

BIOL 4728 - Bacterial Pathogenesis

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

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. The laboratory component will focus on methods routinely used to isolate, culture, and identify bacterial pathogens.

BIOL 4729 - Medical Virology

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisites: BIOL 3310
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 medical examples. The course will focus on a detailed study of the viral structure, replication gene expression, pathogenesis, and host defense. A laboratory component is included for the exploration of clinical virology techniques.

BIOL 4730 - Emerging Pathogens

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: BIOL 3310
The emerging pathogen course is designed to inform students of the dramatic changes and current developments in the area of infectious disease. The course will focus on the evolving microorganisms and the reasons that the pathogens emerged. Also the course will include discussions on the mechanisms of pathogenesis and the host defense.

BIOL 4731 - Introduction to Toxicology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Minimum C in BIOL 1108 or BIOL 2108 and Minimum C in CHEM 1212
Since the beginning of time , the fear of aging has preoccupied mankind. Only recently we are gaining insights into important clues about biological process of aging. In this course we will focus on some of the ideas about aging put forward by early alchemists to modern molecular biologists. Biological principles behind anti-aging, aging intervention agents, and life-style options will be discussed.

BIOL 4733 - Animal Nutrition

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 2455 or CHEM

2411
This course provides a basic understanding of the fundamentals of vertebrate nutrition and builds from what biology majors already know about physiology, biochemistry and general biology. Emphases are placed on digestion, absorption, and functions of carbohydrates, proteins, fats, nucleic acids, vitamins, minerals, and water to provide students with the ability to apply the logic of science in understanding diet and make decisions regarding health and nutrition of domestic animals. This course also integrates energy balance, general health, disease, and metabolism in order to consider nutrition as an integrative field.

BIOL 4734 - Neuroscience

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: BIOL 3513 Minimum Grade: C or BIOL 3526 Minimum Grade: C or BIOL 4539 Minimum Grade: C
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.

BIOL 4735 - Parasitology

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (BIOL 2107 Minimum Grade: C and BIOL 2107L Minimum Grade: C and BIOL 2108 Minimum Grade: C and BIOL 2108L Minimum Grade: C) or (BIOL 1107 Minimum Grade: C and BIOL 1107L Minimum Grade: C and BIOL 1108 Minimum Grade: C and BIOL 1108L Minimum Grade: C) and CHEM 1211K or (CHEM 1211 and CHEM 1211L) and CHEM 1212K or (CHEM 1212 and CHEM 1212L)
This course introduces students to the field of parasitology. Topics include parasite diversity, life cycles, host defense mechanisms, parasite evasion, host pathology, ecology, evolution, and control. The laboratory component of the course will examine parasites of medical and veterinary importance.

BIOL 4981 - Independent Study

(0 Lecture Hours 1 .0 - 4.0 Lab Hours 1.0 - 4.0 Credit Hours)

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 Lecture Hours 1.0 - 4.0 Lab Hours 1.0 - 4.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisites: Submission of application for graduation.
This course is designed to provide students with an opportunity to investigate areas of current interest in biology through the examination of primary biological literature and to develop (or further refine) oral presentation skills.

BIOL 4985 - Special Topics in Biology

(0 Lecture Hours 1.0 - 4.0 Lab Hours 1.0 - 4.0 Credit Hours)

Specific titles will be announced for each term in class schedules and will be entered on transcripts.

BIOL 4986 - Biological Internship

(0 Lecture Hours 1.0 - 4.0 Lab Hours 1.0 - 4.0 Credit Hours)

Prerequisite: Completion of BIOL 2107 and BIOL 2108 or equivalents.
Students wishing to enter an internship experience should discuss with their academic advisor the procedure for arranging the internship and the expectations for student performance. Credit hours received will be determined by the amount of time devoted to the internship. Variable Credit Course 1-4 hours. May be repeated for up to 12 hours. Instructor approval required.

Birth Through Five

BRFV 4210 - Home, School and Community

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is designed to familiarize students with developmentally appropriate programs for preschool children in inclusive classroom settings.

Business Administration

BUSA 1900 - Surfing the Internet for Success

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

An introduction to Internet basics such as using email, 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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 2 Lab Hours 2 Credit Hours)

A course designed to assure a basic level of computer applications literacy, to include word processing, presentations software, LAN, email and Internet utilizations.

BUSA 2106 - Legal and Ethical Environment of Business

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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.

Business Education

ABED 3100 - Business Communication

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (COMM 1110 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

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803
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 websites. (same as MKTG 4818).

ABED 4181 - Independent Study

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Each professor will be responsible for specific course content, assignments, and course requirements based upon the nature of the course for each independent assignment.

Chemistry

CHEM 1000 - Workshop for CHEM 1151K

(0 Lecture Hours 0 Lab Hours 0 Credit Hours)

Workshop/discussion for Chemistry 1151.

CHEM 1001 - Workshop for CHEM 1211K

(0 Lecture Hours 0 Lab Hours 0 Credit Hours)

Workshop/discussion for CHEM 1211K.

CHEM 1002 - Workshop for CHEM 1152K

(0 Lecture Hours 0 Lab Hours 0 Credit Hours)

Workshop/discussion for CHEM 1152K

CHEM 1003 - Workshop for CHEM 1212K

(0 Lecture Hours 0 Lab Hours 0 Credit Hours)

Workshop/discussion for CHEM 1212K

CHEM 1100 - Introductory Chemistry

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A one semester course covering some basic concepts and applications of chemistry for non-science majors. There is an optional laboratory component.

CHEM 1100L - Introductory Chemistry Laboratory

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

Laboratory exercises supplement the lecture material of CHEM 1100.

CHEM 1151 - Survey of Chemistry I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Concurrent Prerequisite CHEM 1151L
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, acid-base chemistry, and equilibrium chemistry.

CHEM 1151K - Survey of Chemistry I

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: MATH 1111
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. MATH 1111 may be taken concurrently.

CHEM 1151L - Survey of Chemistry I Lab

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Laboratory activities based on the course material in CHEM 1151. Course will emphasize basic laboratory and measurement techniques and will include experiments involving physical properties such as solubility, chemical properties and reactions, and acid-based investigations. Students must be registered for CHEM 1151.
Corequisite: CHEM 1151

CHEM 1152 - Survey of Chemistry II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ((CHEM 1151 Minimum Grade: C and CHEM 1151L Minimum Grade: C) or CHEM 1151K Minimum Grade: C) and Concurrent Prerequisite CHEM 1152L
Second course in a two-semester sequence covering elementary principles of chemistry of general, organic and biochemistry for allied health professions majors. Students must have successfully passed CHEM 1151 and CHEM 1151L.

CHEM 1152K - Survey of Chemistry II

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

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 1152L - Survey of Chemistry II Lab

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Laboratory exercises supplement the lecture material of CHEM 1152. Students must be registered for CHEM 1152.
Corequisite: CHEM 1152

CHEM 1211 - Principles of Chemistry I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Concurrent Prerequisite: CHEM 1211L and (MATH 1113 or MATH 1112)
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. MATH 1113 and CHEM 1211L may be taken concurrently.

CHEM 1211K - Principles of Chemistry I and Lab

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: ECOR C and MATH 1113
First course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. Laboratory exercises supplement the lecture material. For more information on this institution's eCore courses, please see http://www.westga.edu/ecore/ .

CHEM 1211L - Principles of Chemistry I Lab

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

Laboratory exercises supplement the lecture material of CHEM 1211.

CHEM 1212 - Principles of Chemistry II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ((CHEM 1211 Minimum Grade: C and CHEM 1211L Minimum Grade C) or CHEM 1211K Minimum Grade: C) and (MATH 1113 Minimum Grade: C or (MATH 1111 Minimum Grade: C and MATH 1112 Minimum Grade 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. Corequisite: CHEM 1212L

CHEM 1212K - Principles of Chemistry II and Lab

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: (CHEM 1211K with a minimum grade of C or (CHEM 1001 with a minimum grade of C and CHEM 1211L with a minimum grade of C) and MATH 1113 with a minimum grade of C and ECOR C)
Second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Laboratory exercises supplement the lecture material. For more information on this institution's eCore courses, please see http://www.westga.edu/ecore/ .

CHEM 1212L - Principles of Chemistry II Lab

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Laboratory exercises supplement the lecture material of CHEM 1212.

CHEM 1230K - Accelerated Principles of Chemistry

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: MATH 1113 with a minimum grade of C
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 gases, solutions, equilibria, acids and bases, solubility, thermodynamics and kinetics, and electrochemistry. May not be taken for credit after successful completion of CHEM 1212.

CHEM 2083 - Selected Projects in Chemistry

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Title and description of course to be specified at time of offering.

CHEM 2086 - Chemistry Leadership Practicum

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

This course helps students develop the competencies to become effective leaders and practice them to act as facilitators in a chemistry workshop or laboratory setting.

CHEM 2130 - Sophomore Chemistry Seminar

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: CHEM 1212 with a minimum grade of C or CHEM 1212K with a minimum grade of C
A course designed to introduce Chemistry majors to current literature and career opportunities in Chemistry and allied fields. Faculty will present brief seminars pertaining to their research and topics of current interest. Students will carry out literature searches and make oral and/or written presentations on topics chosen in consultation with the instructor(s).

CHEM 2411 - Organic Chemistry I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (CHEM 1212 Minimum Grade: C and CHEM 1212L Minimum Grade: C) or CHEM 1212K Minimum Grade: 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 may be taken concurrently. Corequisite: CHEM 2411L

CHEM 2411L - Organic Chemistry I Laboratory

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

Emphasis of this laboratory will be on fundamental techniques and will provide experience with purification, physical and spectroscopic characterization and synthesis of organic sub-stances.

CHEM 2422 - Organic Chemistry II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 2411 with a minimum grade of C and CHEM 2422L
The second course will systematically explore reactions of carbon-containing compounds and the mechanistic pathways involved in these processes. Reactions that will be discussed include functional group transformations, oxidation, reductions, cycloadditions and carbon-car-bon bond formation. The course begins to teach the student how to systematically design a multi-step synthesis of complex organic compounds. CHEM 2422L may be taken concurrently.

CHEM 2422L - Organic Chemistry II Laboratory

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

Emphasis of this laboratory will be on synthesis and characterization of organic substances will be included.

CHEM 2455 - Principles of Organic Chemistry

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: C or better in CHEM 1212 and CHEM 1212L or their equivalent
Comprehensive one semester course that emphasizes those aspects of organic chemistry that are relevant to the study of biology. Whenever possible, correlations to biological molecules, medicine and disease will be made. Will cover fundamentals of contemporary organic chemistry including electronic structure, stereochemistry, and reactions of carbonyl and carboxylic acid derivatives. This one semester course will adequately prepare students for biochemistry courses. Will not fulfill the organic chemistry requirement for chemistry majors. Corequisite: CHEM 2455L

CHEM 2455L - Principles of Organic Chemistry Lab

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

Prerequisite: C or better in CHEM 1212 and CHEM 1212L
The purpose of this course is to apply the knowledge obtained in Principles of Organic Chemistry lecture to problem solving in the laboratory. Students will develop good laboratory techniques, including: isolate and purify organic substances, characterize substances prepared by physical means, correlate the physical properties of organic substances with their molecular structure, work safely, take data carefully, record relevant observation, use time effectively, and assess the efficiency of experimental methods.

CHEM 3010 - Law and Administration of Chemicals

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 1212 with a minimum grade of C or CHEM 1212K with a minimum grade of C
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 3100 - Current Topics in Chemistry

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is designed to deepen scientific understanding of a selected topic that is relevant to the current world and events, with an emphasis in the chemistry aspects. This course is designed primarily for non-science majors to expand their scientific literacy by examining the subject from the chemistry perspectives. Fundamental chemistry concepts of chemistry will be introduced to understand the matter and energy aspects of the topic. The topic and course title are selected by the instructor. Students may repeat the same course as long as the topic is different. This course is open to all majors. Chemistry majors and minors to review fundamental chemical concepts and make connections to the real-world context.

CHEM 3130 - Modern Forensic Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Case-oriented approach will be used to explore selected topics of forensic science. These include: (1) the scientific and

technological foundation for the examination of evidence; (2) the scope of expert qualifications and testimony, the legal status of scientific techniques, and the admissibility of the results in evidence; (3) the analysis of trace evidence including glass, soil, hair, fibers, gunpowder residues and bullet fragments; (4) forensic toxicology and pharmacology are applied to the analysis of alcohol, poisons, and drugs; and (5) the characterization of blood and other body fluids. The cases which stimulate the exploration of these areas include: the O.J. Simpson case, the John Kennedy assassination, the Jeffery Lindberg baby kidnapping, and the Tylenol poisonings. Not applicable as a Chemistry elective for students majoring or minoring in chemistry.

CHEM 3140 - Drugs and Drug Abuse

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. Not applicable as a Chemistry elective for students majoring or minoring in Chemistry.

CHEM 3201A - Special Topics in Chemistry A

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CHEM 1211 and CHEM 1211L with a C or higher; CHEM 1151 and CHEM 1151L with a C or higher
This is a variable title course designed to deepen the scientific understanding of a selected topic that is relevant to the current world and events, applying the chemistry knowledge learned in one semester of general chemistry. In this course, students apply the fundamental chemical principles such as the elements and compounds, the periodic table, chemical bonding, chemical reactions, and energy associated with chemical and physical changes, to understand the topics. The topic and course title are selected by the instructor. The CHEM 3201 courses can be taken up to 9 credit hours, with any combinations of 3201A, 3201B and 3201C, as long as the topic is different. This course is open to all majors. Chemistry majors and minors to review fundamental chemical concepts and make connections to the real-world context. This course is recommended for students who are in the third year or higher in a four-year program.

CHEM 3201B - Special Topics in Chemistry B

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CHEM 1212 and CHEM 1212L with a C or higher
This is a variable title course designed to deepen the scientific understanding of a selected topic that is relevant to the current world and events, applying the chemistry knowledge learned in two-semester sequence of the Principles of Chemistry. The topic and course title are selected by the instructor. The CHEM 3201 courses can be taken up to 9 credit hours, with any combinations of 3201A, 3201B and 3201C, as long as the topic is different. This course is open to all majors, and chemistry majors and minors to review fundamental chemical concepts and make connections to the real-world context. This course is recommended for students who are in the third year or higher in the four-year program.

CHEM 3201C - Special Topics in Chemistry C

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CHEM 2411 and CHEM 2411L with a C or higher; or CHEM 2455 and CHEM 2455L with a C or higher; or CHEM 1152 and CHEM 1152L with a C or higher
This is a variable title course designed to deepen the scientific understanding of a selected topic that is relevant to the current world and events, applying the chemistry knowledge with the focus on organic chemistry and biological aspects. The topic and course title are selected by the instructor. Students may repeat the same course as long as the

topic is different. This course is open to all majors. Chemistry majors and minors to review fundamental chemical concepts and make connections to the real-world context. This course is recommended for students who are in the third year or higher in the four-year program.

CHEM 3310K - Analytical Chemistry

(3 Lecture Hours 4 Lab Hours 4 Credit Hours)

Prerequisite: ((CHEM 1212 Minimum Grade: C and CHEM 1212L Minimum Grade: C) or CHEM 1212K Minimum Grade: C) and (MATH 1634 Minimum Grade: C or MATH 1501 Minimum Grade: 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 2411 with a minimum grade of C and CHEM 3422L
The second course will systematically explore reactions of carbon-containing compounds and the mechanistic pathways involved in these processes. Reactions that will be discussed include functional group transformations, oxidation, reductions, cycloadditions and carbon-car-bon bond formation. The course begins to teach the student how to systematically design a multi-step synthesis of complex organic compounds. CHEM 3422L may be taken concurrently.

CHEM 3422L - Organic Chemistry II Laboratory

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

Emphasis of this laboratory will be on synthesis and characterization of organic substances will be included.

CHEM 3510 - Survey of Physical Chemistry

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ((CHEM 1212 Minimum Grade: C and CHEM 1212L Minimum Grade: C) or CHEM 1212K Minimum Grade: C) and (MATH 1634 Minimum Grade: C or MATH 1501 Minimum Grade: C) and (Concurrent Prerequisite PHYS 1112 Minimum Grade: C or Concurrent Prerequisite PHYS 2212 Minimum Grade: C) or Concurrent Prerequisite PHYS 2212K) Minimum grade: 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ((CHEM 1212 Minimum Grade: C and CHEM 1212L Minimum Grade: C) or CHEM 1212K Minimum Grade: C) and (MATH 2644 Minimum Grade: C) and (Concurrent Prerequisite PHYS 2212 Minimum Grade: C or PHYS 1112 Minimum Grade: C or Concurrent Prerequisite PHYS 2212K Minimum Grade: 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ((CHEM 1212 Minimum Grade: C and CHEM 1212L Minimum Grade: C) or CHEM 1212K Minimum Grade: C) and (MATH 2644 Minimum Grade: C) and (Concurrent Prerquisite PHYS 2212 Minimum Grade: C or Concurrent Prerequisite PHYS 1112 Minimum Grade: C or Concurrent Prerequiste PHYS 2212K Minimum Grade: 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 3523 - Structure, Bonding and Reactivity

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (CHEM 3422 Minimum Grade: C) and (MATH 2644 Minimum Grade: C) and (Concurrent Prerequisite PHYS 2212 Minimum Grade: C or Concurrent Prerequisite PHYS 1112 Minimum Grade: C or Concurrent Prerequisite PHYS 2212K Minimum Grade: C)
This course applies wave-mechanical models of bound electrons to account for the electronic structure of atoms via orbital theory and how it is used to explain the similarities/differences in the behavior of various elements in the periodic table. This is followed by the building of numerous molecular systems via applying Molecular Orbital Theory with Group Symmetry. Orbital theory will be applied in interpreting/predicting the electronic interaction with light, chemical reactivity, and kinetic behavior in reaction mechanisms of various organic molecular systems.

CHEM 3550L - Physical Chemistry Laboratory

(0 Lecture Hours 4 Lab Hours 2 Credit Hours)

Prerequisite: ((CHEM 1212 Minimum Grade: C and CHEM 1212L Minimum Grade: C) or CHEM 1212K Minimum Grade: C) and (MATH 2644 Minimum Grade: C) and (Concurrent Prerequisite PHYS 2212 Minimum Grade: C or Concurrent Prerequisite PHYS 1112 Minimum Grade: C or Concurrent Prerequisite PHYS 2212K Minimum Grade: C)
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (CHEM 1212 with a minimum grade of C or CHEM 1212K with a minimum grade of C) and MATH 2644 with a minimum grade of C and PHYS 2212 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: MATH 1113 Minimum Grade: C
Specially designed to meet the needs of future teachers, students design and carry out four in-dependent inquiries, which they write up and present in the manner that is common in the scientific community.

CHEM 3830 - Engineering Thermodynamics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 2212 with a minimum grade of C and MATH 2644 with a minimum grade of C and (CHEM 1212 with a minimum grade of C or CHEM 1212K with a minimum grade of C)
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 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 1212 with a minimum grade of C or CHEM 1212K with a minimum grade of C
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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

A topic is chosen in consultation with a faculty member.

CHEM 4083 - Faculty Directed Research

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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. ACS track students cannot use this as a Chemistry elective. Non-ACS track students can use up to 3 credit hours as a Chemistry elective.

CHEM 4084 - Senior Seminar

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: CHEM 3310K and CHEM 3422 and CHEM 3422L Concurrent Prerequisites: (CHEM 4909L or CHEM

4083) and (CHEM 4711 or (CHEM 3510 or CHEM 3521 or CHEM 3522 or CHEM 3523 or CHEM 3550L))
This course is restricted to senior chemistry majors only, and is to be taken in the last semester before graduation. For non-ACS-track students, this course should be taken concurrently with CHEM 4910L Chemistry Senior Capstone Project (non-ACS-track). For the ACS-track students, this course should be taken concurrently or after the last semester of CHEM 4083 Faculty Directed Research. This is a capstone course for all chemistry majors to culminate their undergraduate education, reflect and make connections of their learning to the world, to their personal growth, and to their careers after graduation. As part of this course, students will produce a quality senior thesis and a formal oral presentation (ACS-track) or formal research poster presentation (non-ACS-track), supported by literature search and full analysis of the project outcomes. Students will take a diagnostics of undergraduate chemistry exam to be used for an assessment of the program.

CHEM 4086 - Internship in Chemistry

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 1.0 - 4.0 Credit Hours)

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 Lecture Hours 1 Lab Hours 4 Credit Hours)

Prerequisite: CHEM 3310K Minimum Grade: C and (Concurrent Prerequisite PHYS 2212 Minimum Grade: C or Concurrent Prerequisite PHYS 1112 Minimum Grade: C or Concurrent Prerequisite PHYS 2212K Minimum Grade: 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 dis-cuss 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 3310K
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 Lecture Hours 3 Lab Hours 1 Credit Hours)

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 an interactive hands-on experience.

CHEM 4385 - Advanced Topics in Analytical Chemistry

(1.0 - 4.0 Lecture Hours 0 Lab Hours 1.0 - 4.0 Credit Hours)

Prerequisite: CHEM 3310K with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 3422 with a minimum grade of C
This course covers a wide variety of medicinal drugs, their actions in the body, and ultimately their metabolism and excretion.

CHEM 4411 - Scientific Communication

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Science Communication is a one-semester, three-hour course. This course will discuss the nature of science, what it means to be scientifically literate, how to distinguish science from pseudoscience, and how to make a persuasive argument regarding a scientific topic. The course is cross-listed in Physics, Chemistry, Geography, Geology, and Biology.

CHEM 4485 - Advanced Topics in Organic Chemistry

(1.0 - 4.0 Lecture Hours 0 Lab Hours 1.0 - 4.0 Credit Hours)

Prerequisite: CHEM 3422 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 1.0 - 4.0 Credit Hours)

Prerequisite: CHEM 3521 with a minimum grade of C or CHEM 3522 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 3422 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 3422 with a minimum grade of C and (PHYS 1112 with a minimum grade of C or PHYS 2212 with a minimum grade of C)
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 3422 with a minimum grade of C and CHEM 4611 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 1.0 - 4.0 Credit Hours)

Prerequisite: CHEM 3422 with a minimum grade of C
Advanced topics in inorganic chemistry exposes the students to current topics and problems in the field of inorganic chemistry.

CHEM 4711 - Biochemistry

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 3422 with a minimum grade of C and CHEM 3310K 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, Kreb's 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (PHYS 1112 with a minimum grade of C or PHYS 2212 with a minimum grade of C) and CHEM 3422 with a minimum grade of C and CHEM 3310K with a minimum grade of C
Covers biochemistry and spectroscopy of biomolecules. Topics 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 x-ray crystallography.

CHEM 4720L - Biochemistry Laboratory

(0 Lecture Hours 6 Lab Hours 2 Credit Hours)

Prerequisite: CHEM 4711 with a minimum grade of C or CHEM 4712 with a minimum grade of C
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 4908L - Tools in Chemical Research

(0 Lecture Hours 4 Lab Hours 2 Credit Hours)

Prerequisites: CHEM 3422 and CHEM 3422L
This is a laboratory-based prerequisite course for the Chemistry Senior Capstone Project. In this course, students build practical skills on operating analytical instrumentations such as GC-MS, FT-IR, NMR, UV-Vis, and HPLC, and on laboratory techniques such as sample preparation and column chromatography. Students will build their writing skills to report and discuss experimental data and draw evidence-based conclusions in laboratory reports. At the end of the course, students write a proposal for their senior capstone project.

CHEM 4909L - Chemistry Senior Capstone Project

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

Prerequisite: CHEM 4908L
This capstone course is designed for non-ACS-track chemistry majors to culminate the previous knowledge and skills from all chemistry courses in a semester-long hands-on research project in chemistry. The project will be based on the research proposal created in the prerequisite "Tools in Chemical Research" course, and takes the format of either (i) a faculty-supervised research project or (ii) a project through internship. Students need to enroll in the Senior Seminar course concurrently in which students present the outcomes of the project. Corequisite: CHEM 4084

CHEM 4910L - Tools and Applications in Chemical Research and Practice

(1 Lecture Hours 5 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 3310K with a minimum grade of C and CHEM 3422L 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 Lecture Hours 6 Lab Hours 2 Credit Hours)

Prerequisite: CHEM 3422 Minimum grade: C
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

(3 Lecture Hours 3 Lab Hours 4 Credit Hours)

Prerequisite: CHEM 3310K with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 3510 with a minimum grade of C or CHEM 3521 with a minimum grade of C or CHEM 3522 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CHEM 1212 with a minimum grade of C or CHEM 1212K with a minimum grade of C
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 Lecture Hours 0 Lab Hours 1.0 - 4.0 Credit Hours)

Prerequisite: CHEM 3422 with a minimum grade of C and CHEM 3310K with a minimum grade of C
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.

Computer Science

CS 1000 - Practical Computing

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 2 Credit Hours)

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 modern, professional tools and practices supporting data collection and analysis as well as reporting and presenting results.

CS 1030 - Introduction to Computer Concepts

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 Computing

(2 Lecture Hours 4 Lab Hours 4 Credit Hours)

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 Lecture Hours 4 Lab Hours 4 Credit Hours)

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. This course may not be attempted more than three times without department approval.

CS 1301 - Computer Science I

(2 Lecture Hours 4 Lab Hours 4 Credit Hours)

Prerequisite: MATH 1113
CSCI 1301 is an introduction to computer science with coverage of algorithmic foundations, hardware concepts, and introductory programming in Java. Specific topics include data storage, data manipulation, and data abstractions. Programming concepts covered are algorithm design, primitive data types, and expressions, loops, modular programming, conditional execution, program logic, and arrays.

CS 1302 - Computer Science II

(2 Lecture Hours 4 Lab Hours 4 Credit Hours)

Prerequisites: CS 1301 Minimum Grade: B or COMP 2320 Minimum Grade: 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. This course may not be attempted more than two times without department approval. Corequisites: MATH 1112 or MATH 1113

CS 2100 - Introduction to Web Development

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: CS 1301 with a minimum grade of C
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 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: CS 1302 with a minimum grade of B
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

(3 Lecture Hours 2 Lab Hours 4 Credit Hours)

Prerequisite: CS 1302 Minimum Grade: B and (MATH 1634 Minimum Grade: C or MATH 1501 Minimum Grade: 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 notation, propositional logic, proof techniques, sorting, mathematical properties of data structures, including lists.

CS 3152 - Data Structures and Discrete Mathematics II

(3 Lecture Hours 2 Lab Hours 4 Credit Hours)

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 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: CS 1302 with a minimum grade of B OR COMP 2320 with a minimum grade of C
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 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: CS 1302 Minimum Grade: B and (MATH 1634 Minimum Grade: C or MATH 1501 Minimum Grade: 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. Pre or Corequisite: MATH 1634

CS 3280 - Systems Programming

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: CS 1302 with a minimum grade of B OR COMP 2320 with a minimum grade of C
Introduction to system-level software development. Topics include OS processes, network communication, file-system organization and manipulation, and script programming.

CS 4180 - Advanced Web Development

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: CS 2100 and EITHER CS 3211 OR COMP 3300 with minimum grade of C
This course focuses on current industry best practices used to develop dynamic, interactive, multi-page websites. Topics include user-interface development, common web components, database interactions, and security.

CS 4225 - Distributed and Cloud Computing

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: CS 3110 and CS 3280
This course introduces the foundations and applications of distributed and cloud computing. Topics include multi-threaded programming, scheduling, synchronization, network architecture, distributed computing and distributed services, cloud services, and internet-scale computing.

CS 4275 - Machine Learning Foundations

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: CS 3270 with a minimum grade of C.
Concurrent Prerequisites: MATH 4203
A broad introduction into the theoretical foundations and essential algorithms for supervised and unsupervised learning with a focus on best practices and real-world problems.

CS 4981 - Independent Study

(0 Lecture Hours 1.0 - 4.0 Lab Hours 1.0 - 4.0 Credit Hours)

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 - Computer Science Capstone

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: Departmental Consent
Individual research in computer science through a mutual agreement between the student and a computing faculty member. May be repeated for a maximum of 9 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 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: CS 3211
Topics in Computer Science designed to give students knowledge at the frontier of a rapidly changing field.

CS 4986 - Computer Science Internship

(0 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CS 3151 Minimum Grade: C or CS 3201 Minimum Grade: C or CS 3211 Minimum Grade: C

A hands-on supervised field experience in computing. Students will create and present a comprehensive portfolio documenting the field experience. Students may replace this course with CS 4983 , CS 4985 , or CS 4981 . This course may be repeated for a total of 6 hours. Grading is S/U.

Computing

COMP 2200 - Introduction to Databases

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

This course introduces the fundamentals of database systems. Topics include database design, implementation, and manipulation in a traditional database system, such as a relational database system.

COMP 2300 - Fundamentals of Computing

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

This course provides a broad survey of computer systems. It covers topics such as basics of computer architecture and organization, operating systems, computer networking, programming, mobile and web development.

COMP 2320 - Principles of Programming

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: CS 1301
This course introduces object-oriented concepts. Topics include classes, objects, encapsulation, inheritance, and interfaces. Additional topics may include File I/O, Graphical User Interfaces, and related tools and technologies.

COMP 2350 - Introduction to Digital Media

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

This course introduces the creation and modification of different types of digital media. Topics include techniques and tools in digital media content development including images, audio, video, web multimedia.

COMP 2360 - Physical Computing

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: COMP 2300 OR CS 1300 OR CS 1301
Introduction to physical computing technologies and applications such as Internet-of-Things and wearable devices, including processing digital and analog sensor data, inter-device communication, Internet connectivity, and UX (user eXperience) issues.

COMP 2500 - Intro to Computer Security

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMP 2300
This course introduces the fundamentals of computer security in protection of modern computer systems. Topics include hardware and software components of modern computer systems, various security vulnerabilities and threats, and security practices and measures to safeguard against these threats.

COMP 2910 - Sophomore Computing Seminar

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

This course introduces sophomore-level Computing majors to potential career paths and current industry trends. Students will explore effective job search strategies, develop career-specific resumes, and gain insights into sub-disciplinary and interdisciplinary opportunities. Emphasis is placed on understanding the importance of professional networking and its role in achieving career success.

COMP 3300 - Application Development I

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: COMP 2320 OR CS 1302
This course introduces students to the effective practices, principles, and patterns of software development and testing.

COMP 3310 - Mobile Development

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: COMP 3300 or CS 3211
This course introduces the fundamentals in the design, implementation, and distribution of mobile applications. Topics include mobile device architecture, software engineering, user interface design, and app distribution.

COMP 3350 - Game Development I

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: CS 1301
This course introduces the process of the design and development of video games. Topics include game history, game styles, game components, game evaluation and analysis, and game development using a modern game engine and programming language.

COMP 3400 - System and Network Admin I

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: COMP 2300 or (CS 3110 and CS 3280)
This course covers the fundamentals of network and operating system theory and practice. Topics include the TCP/IP protocol stack, routing, basic OS administration, and basic network services.

COMP 3500 - Cybersecurity

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMP 2500
This course provides an overview of computer and network security and countermeasure techniques. Topics include cryptography, Public Key Infrastructures (PKI), viruses, malware, security of different layers of the TCP/IP, Firewall, and VPN, TLS, Bitcoin, and Web security. Techniques and tools used in defending network security will also be covered.

COMP 3600 - User-Centric Computing I

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMP 2320 or CS 1302
The course introduces the fundamentals of human computer interaction (HCI) and the principles in the design and evaluation of user interfaces. Topics covered include: guidelines/principles in interface design, usability evaluation, universal design.

COMP 3800 - Data Analytics

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: MATH 1401
This course introduces the basics of data science and data analytics to extract information from unstructured data. Topics include technologies, techniques, and tools in data collection, storage, processing, and analysis.

COMP 4200 - Advanced Database Systems

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMP 2200 or CS 3230
This course introduces the advanced DB topics, such as stored procedures, functions, triggers, indexes, performance tuning and query optimization.

COMP 4300 - Application Development II

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMP 3300
In this course students will learn and apply effective practices, principles, and patterns of large-scale software development and testing as part of collaborative development teams.

COMP 4350 - Game Development II

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMP 3350
This course introduces more advanced concepts and topics in game development, including 3D game development, using a modern game engine.

COMP 4400 - System and Network Admin II

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMP 3400
This course covers the advanced topics of network and operating system administration. Topics include technologies and tools in virtualization of computing resources, cloud-based systems and services, among others.

COMP 4420 - DevOps

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMP 3400 or CS 3280
This course provides an introduction to the principles of DevOps and the DevOps tools that enable the optimization of

an organization's development workflow. Topics include DevOps concepts, build automation, provisioning, monitoring, and deployment, among others.

COMP 4500 - Computer Forensics

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: COMP 2500 OR COMP 3400 or (CS 3110 and CS 3280)
This course provides an overview of the principles and practices of computer security forensics. Topics may include memory, file system, operating system, and computer forensic investigative processes, and tools and methodologies for computer forensics investigation.

COMP 4600 - User-Centric Computing II

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: COMP 3600
This is a project-based course. Students will analyze, design and implement a user-centric application prototype, perform usability tests and analyze results.

COMP 4982 - Capstone Project

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: Departmental Consent
This course provides students an opportunity to apply what they have learned to a relatively large-scale project. Students will work in teams to complete the project requirements.

COMP 4985 - Special Topics in Computing

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Topics in Computing designed to give students knowledge at the frontier of a rapidly changing field.

COMP 4986 - Computing Internship

(0-0 Lecture Hours 0-0 Lab Hours 3-6 Credit Hours)

A hands-on supervised field experience in computing. Students will create and present a comprehensive portfolio documenting the field experience.

Counseling & Educational Psychology

CEPD 2101 - Childhood Development

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course will analyze the impact of leadership on organizational effectiveness. It will at-tempt to differentiate between a leader and a manager, and how each can be vital to an organization's success. Students will also learn new attributes of successful leaders, including interpersonal skills, attitudes, and behaviors, which can facilitate effective leadership within different types of organizations. The course explores the processes, stages, and leadership capacities and skills for leading change in organizations.

CEPD 3200 - Skills and Ethics in Human Services

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This undergraduate course is an introduction to the basic communication and group management skills required of effective human service workers, and the legal and ethical considerations that accompany human services work. Students will learn strategies for active listening, effective communication, understanding and managing group dynamics, and identifying and responding to legal and ethical issues in the workplace.

CEPD 4101 - Educational Psychology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education (TE) or Admission to Speech-Language Pathology (SLPA)
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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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.

CEPD 4200 - Working with Diverse Populations in Human Services

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course provides knowledge, skills and awareness related to the effective delivery of human services to diverse populations in contemporary society.

Criminal Justice

CRJU 1100 - Introduction to Criminal Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The catalog description of CRJU 1100 is "an introduction to the structure, functions, and operations of criminal justice agencies including the police, the courts and corrections. An extended course description is as states: An overview of the criminal justice system, its philosophy and history of its three major components: police, courts, corrections. A broad- based interdisciplinary analysis of the problems and needs of agencies involved in the criminal justice process; and introduction to theories of crime; and a survey of professional career opportunities for criminal justice.

CRJU 2100 - Introduction to Law Enforcement

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is an introduction to the study of law enforcement. This semester, we will examine the origins of and changes in the field of law enforcement. We will discuss contemporary policing practices and future challenges for police departments. Finally, we will consider the reciprocal relationship between police forces and the larger society.

CRJU 2200 - The Judicial Process

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Provides an overview of the judicial component of the criminal justice system which focuses on the structure, role, jurisdiction, and operation of the courts and the courtroom workgroup in the adjudicatory and appellate process at the local, state, and federal levels.

CRJU 3100 - Criminal Law

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100

Offers an overview of both substantive and procedural law related to the definitions, investigations, processing, and punishment of crimes. The course will introduce students to the legal idea of criminal responsibility, the concept and elements of criminal responsibility, required state of mind (mens rea), and prohibited conduct (actus reus). The course discusses the substantive content, structure, and sources of major crimes against persons and property and provides a comprehensive evaluation of various legal defenses to criminal liability under both common law (case law) and statutory law (legislative law) approaches.

CRJU 3110 - Criminal Procedure

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
A study of the nature and function of the law regulating the criminal processes, policies, and procedures in the administration of criminal justice. Special attention will be given to United States Supreme decisions.

CRJU 3200 - Criminology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
A study of the nature and scope and crime in society with an emphasis on criminological theories

CRJU 3250 - Crime and Media

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
This course analyzes the role the mass media has on human behavior; subsequently affecting human judgement, attitudes, perceptions of crime, and societal reactions to crime in general. This course analyzes how the general public processes the "criminal event" and other pertinent information regarding crime; and how this process is fundamentally derived from the media and an instrumental element in the creation of "fear of crime". A fundamental question we will address this semester is: whether the mass media plays a significant role in the interpretation if criminality and our criminal justice system.

CRJU 3300 - Corrections

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
A study of the history, structure, and functions of corrections as well as the legal and philosophical basis for the punishment of criminal offenders.

CRJU 3350 - Drugs in America

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
Explores and analyzes the complex experience of illicit drug use in America from multiple angles with specific attention to the ways that our culture understands drugs, drug use, and drug policy as a social/criminal justice problem. Topics include punishment, interdiction, prevention, and or rehabilitation.

CRJU 3400 - Juvenile Delinquency and Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
Reviews the juvenile justice system, including the impact of Supreme Court decisions, and examines the theories of juvenile delinquency and the implication of those theories for preventing and controlling juvenile deviance.

CRJU 3500 - Criminal Investigation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
An overview of principles, techniques, law and procedure involved in the criminal investigative process from its inception to culmination.

CRJU 3501 - Criminal Investigation II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRJU 1100 ; CRJU 3500
Continues information introduced in CRJU 3500, with special focus on the investigation of the crimes of burglary, robbery, forgery, homicide, assault, and bombings. Providing testimony in court, assessing modus operandi, and developing personality profiles will also be examined, as well as obtaining fingerprints and other types of latent evidence.

CRJU 3600 - Criminal Justice Administration

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
Introduction to criminal justice management theory, practice, and policy. This course includes a review of traditional schools or organizational theory, including bureaucracy, scientific management, human relations, and the behavioral approach, with particular emphasis on how each applies to criminal justice agencies.

CRJU 3700 - Criminal Justice Research Methodology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRJU 1100; CRJU 3200
An introduction to criminal justice research methodologies, with a focus on research design, ethical concerns, conceptualization, sampling, data analysis, interpretation of research results, report writing, and application of research findings.

CRJU 3710 - Special Topics: Mass Violence in Modern America

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRJU 1100
A special topics criminal justice course examining the phenomenon of mass violence within the United States during the 20th and 21st centuries. Topics include the historical context, offender and event typologies, antecedent warning behaviors, and theories behind acts of mass violence

CRJU 3800 - Race, Ethnicity, and Criminal Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
This course addresses the racial impact of criminal laws enacted by the people's elected representatives, the actions and policies of law enforcement agencies, the courts, correctional institutions, the juvenile justice system, and the death penalty. Raises awareness and promotes critical thinking about the problems that exist in our system, how those problems originated and evolved, and possible solutions for these problems.

CRJU 3810 - Victimology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
Addresses the physical, emotional, and financial impact of crime victimization; the relationship between victims and offenders; how the criminal justice systems interacts with crime victims; and the policies designed by the government to offer assistance to individuals who are victimized by crime. Raises awareness and promotes critical thinking and problem solving about the most effective strategies for interaction with crime victims, the measurement of crime victimization, and victim trends.

CRJU 4000 - Internship in Criminal Justice

(3-9 Lecture Hours 0 Lab Hours 3-9 Credit Hours)

Prerequisites: CRJU 1100 ; Permission of instructor and 12 credit hours of upper-level CRJU courses
Supervised, practical experience in an appropriate criminal justice agency. This allows students the opportunity to discover the integration between theory and practice. This course may be taken three times for a total of nine hours of credit

CRJU 4110 - Law of Criminal Evidence

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRJU 1100
An examination of the rules evidence used in criminal prosecutions, including burden of proof, presumptions, inferences and stipulation, relevancy of evidence and competency of witness, expert testimony, hearsay, and constitutional limitations.

CRJU 4200 - Profiling the Serial Offender

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
An examination of the type and patterns of crimes committed by serial offenders and the process by which profiles are developed to solve these crimes. This course is designed for those students interested in developing the insight necessary to understand serial criminal offending. Students will learn why studying serial offenders is important, the history of crime profiling, and the process associated with developing a criminal profile. Students will also be exposed to theoretical perspectives that help explain how one becomes a serial offender, and the various types of serial offenders (e.g., serial killers, mass murderers, cult killers, rapist, stalkers, etc.). Students will learn about the various offender typologies and will analyze actual cases throughout the course.

CRJU 4210 - Terrorism and Criminal Justice System

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
An examination of the motives and actions of terrorist, the governmental response to terrorism, especially in the wake of 9/11, and the legal and constitutional restraints on the government. Included will be issues such as surveillance of American citizens, detention of suspected terrorists, enemy combatants, limits on the methods of interrogation, and use if military tribunals.

CRJU 4300 - Community Correction

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRJU 1100 ; CRJU 3300
An examination of alternatives to incarceration. Special emphasis will be given to the issues of probation and parole, as well as diversion, community service, electronic monitoring, and various treatment programs.

CRJU 4350 - Family Violence

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRJU 1100 ; CRJU 3300
Explores a range of crimes that occur in the family setting, including violence between intimate partners, child abuse, and neglect. Theoretical factors, as well as how the criminal justice system responds to both victims and perpetrators of family violence, will be examined.

CRJU 4500 - Management of Forensics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRJU 1100; CRJU 3500
The scientific investigation of crime with emphasis on the collection, analysis, comparison, and identification of physical evidence.

CRJU 4600 - Police Problems and Practices

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
An advanced examination of policing, exploring topics including the police subculture, the police use of discretion, the broken-windows approach, community policing, and problem-solving approaches.

CRJU 4700 - Ethical Issues in Criminal Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRJU 1100
An examination of the philosophical theories underlying ethics and how they relate to issues involving the police, courts, corrections, law, and principles of justice.

CRJU 4800 - Senior Capstone Seminar in Criminal Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRJU 1100 ; CRJU 3700 ; 45 hours of upper division criminal justice course and senior standing
This course serves as the comprehensive experience in criminal justice utilizing the student's knowledge and academic skills, including pursuing archival research, journal keeping, note taking, and report writing to address a topic or issue of contemporary interest in criminal justice or one of its sub-fields. The course will be taught at the senior level and will focus on criminal justice issues at the national and international levels. In addition to the course requirements, students will complete a major research paper to be submitted at the end of the course. Criminal justice majors must pass with a "C" or better. This course serves as a capstone course for criminal justice majors.

Criminology and Criminal Justice

CRIM 1100 - Introduction to Criminal Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2276 - Global Crime and Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
As we look around the world, we witness a vast array of individual, corporate, and state criminal activity that is varied in its scope, intensity, and effect upon society. The amount and variety of global crime is immense, and in order to fully appreciate its dimensions, we must impose certain definitions and perspectives. Two of the most important variables to understand are the influences of culture and globalization on the causes and responses to crime around the world. Although it may be difficult to comprehend why such crime persists decade after decade, the search for these answers uncovers a challenging and fascinating tapestry of criminal activity.

CRIM 3000 - College to Career

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is designed to equip students with the essential skills needed for successful progression in their public service major, as well as a successful career in public service. Starting with an overview of both technical and soft skills, the course guides students through practical applications, helping them map these skills to various career paths and educational experiences. Special emphasis is placed on self-assessment and pulse checks, allowing students to align their personal interests and competencies with prospective roles in public service. The course also delves into vital workplace skills like professionalism, time management, emotional intelligence, and effective communication. By the end, students will have created a detailed skills checklist, a project management plan, and a professional development strategy, all tailored to set them up for success in their chosen field.

CRIM 3240 - Criminological Theory

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
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 CHEM 3140.

CRIM 3323 - Criminal Law

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3411 - Criminal Investigations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course examines the basic principles of criminal investigation. Coverage includes study of current investigative procedures used in handling of crime scenes, interviews, evidence, surveillance, report writing, modus operandi, and technical resources. In addition, this course explores theories, philosophies, and concepts related to prevention, apprehension, and suppression of crimes.

CRIM 3501 - Advanced Criminal Investigation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course examines the advanced methods of investigating crimes and crime scenes, with special focus on the investigation of the crimes of burglary, robbery, forgery, homicide, assault, and bombings. Providing testimony in court, assessing modus operandi, and developing personality profiles will also be examined, as well as obtaining fingerprints and other types of latent evidence. Corequisites: CRIM 3240; CRIM 4000

CRIM 3705 - Criminal Profiling

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 inter-disciplinary 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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, date interpretation, the relation of research and theory, and the writing of scientific research reports.

CRIM 4001 - Survey Research Methods

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course will introduce one of the most common research methods used in the field of criminology: the survey. Topics covered will include sampling, modes of conducting surveys, question wording, and dealing with non-response. In the later part of the semester, students will gain practical knowledge of the topic by conducting live telephone interviews.

CRIM 4002 - Case Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course provides a foundation in effective case management skills for work in human services serving a variety of population groups. It covers communication techniques, interviewing strategies, intake and assessment processes, data collection methods, documentation, making appropriate referrals, service coordination, and termination. This course also examines ethical principles of diversity issues directly related to effective case management.

CRIM 4003 - Statistics for Social Sciences

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
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 4004 - Managing Data

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course teaches students to build and manage databases using SPSS. An emphasis is placed on working with large national data sets, including those available through the U.S. Census Bureau and the Inter-University Consortium for Political and Social Research. Although a basic understanding of research methods and statistics is helpful, it is not necessary for this course.

CRIM 4005 - Identity, Victimization, Law, and Society

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course explores victim identities, such as race, gender, sexuality, socio-economic status, religion, and others. The course content will include an examination of interactions among victimization, identity, law, and society. Special attention will be paid to the relationship between identity and victimization with law and society.

CRIM 4006 - Victim Advocacy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course explores the legal, cultural, and psychological frameworks underlying victims' rights and advocacy. We will cover topics on trauma-informed communication, ethics and professionalism in victim services, the role of system-based and community-based advocacy, and strategies for effectively managing trauma for a practitioner.

CRIM 4007 - Crime Mapping

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
The course is an introduction to crime mapping with a focus on the fundamentals of crime analysis. Students will examine concepts, theories, practices, data, and analysis associated with crime analysis for law enforcement using crime mapping software (ArcGIS and CrimeStat). Corequisites; CRIM 3240; CRIM 4000

CRIM 4068 - Conflict Management and Policing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course examines how conflict management skills could be used in the field of law enforcement to mitigate conflict escalation. Conflict Management theories and techniques have long been used as the foundation of negotiations and international diplomacy on a macro level. This class offers ways in which these same skills can be applied to micro situations. People working in law enforcement must have the ability to interact with political figures, administration, supervisions, subordinates, and the community. Officers with knowledge of conflict management would be more effective in communicating with people from across the community and with interagency situations.

CRIM 4200 - Violent Crime

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course will examine family violence from both a personal and social perspective. Re-search 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4251 - Contemporary Issues in Policing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course examines best practices in community policing in order to evaluate effective and ineffective procedures. Attention to ethnic, racial, gender, sexual orientation, religious, and socioeconomic factors, among others, that underlie human diversity and the conditions of cooperation, conflict, and well-being. This course is also designed to provide an in-depth understanding of community policing and the history of policing is examined in such a way as to explain why this concept became so important in American policing in the 1960's and how that idea has evolved into the 21st century. In addition, this course offers a better understanding of how decisions are made in the Criminal Justice system and how discretion is used in the framework of society and the criminal justice system.

CRIM 4255 - Youth, Crime and Community

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4260 - Prisoner Reentry and Community Corrections

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course will examine how criminal justice social scientists develop, examine and evaluate the impact and successes of the various community corrections programs. Examines community corrections, probation and parole, treatment philosophies, and strategies for supervision. Evidence-based, effective community-based correctional programs will be examined.

CRIM 4265 - Crime and Social Inequality

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course offers an examination of the relationships between social stratification, crime, and criminal justice. Explored will be the empirical and theoretical associations that race/ethnicity, sex/gender, social class, and other systems of inequality have with crime, victimization, and criminal justice system response. This course also explores the relationship between social inequality, criminal offending, and criminal victimization. In addition, how racial/ethnic, gender, age, and socioeconomic inequality influence (and are influenced by) criminal justice policy making, processes, and outcomes will be explored. Contemporary issues in policing, courts, sentencing, and punishment will be addressed to explore the complex interaction between social disadvantage (particularly related to race and ethnicity), the criminal justice system, and broader social relations.

CRIM 4270 - Death Penalty

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRIM 1100
This course will cover the history of death penalty in America; analyze legal arguments for and against the death penalty; examine the methods of execution; explore the impact of death penalty upon various actors; discuss issues of age, race and gender and the death penalty; and discuss theories of punishment and the death penalty.

CRIM 4275 - Serial Murder

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRIM 1100
This course critically examines serial killers and explores myths and facts associated with the most popular case examples. Students in the course will explore the psychopathology and development of serial killers as well as their portrayal in mass media and the effect on culture and society.

CRIM 4277 - Police in Society

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4279 - Race and Crime

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course will focus on a particular issue being dealt with by the criminal justice system to-day. 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
The Senior Capstone course is designed to ensure that the graduates of the Criminology pro-gram 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 Lecture Hours 3.0 - 15.0 Lab Hours 3.0 - 15.0 Credit Hours)

Prerequisite: CRIM 1100 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 4290 - Criminal Mind

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRIM 1100
This course will survey the research and theories related to the psychology behind criminal behavior. The course will look at the risk factors associated with juvenile delinquency and criminal behavior. The course will also cover psychological factors associated with mental illness and crime, homicide, and sex offenses.

CRIM 4293 - Correctional programs

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4295 - Sex Offenders

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRIM 1100
In this course, students will learn about various biological, sociological (criminological), and, specifically, psychological theories that have contributed to our understanding of sexual offending and the etiology of sexually deviant behavior. In addition, students will learn about and discuss issues such as sex and sexuality as they relate to topics such as rape, child molestation, and other violent (and non-violent) sexual crimes.

CRIM 4296 - Violence Against Women

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRIM 1100
The primary objective of this course is to explore the study of violence against women. We will cover theoretical explanations for violence against women, research on particular types of violence, the impact on victims, and the response of the criminal justice system.

CRIM 4300 - Environmental Crime

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Environmental criminology refers to the study of those crimes and harms affecting the natural environment, the planet, and the associated impacts on human and non-human life. It includes not just violations of the law, but also individual and institutional, socially-accepted activities, behaviors, and practices. This course is intended to introduce students to the development of environmental criminology, the causes and consequences of environmental crimes, and responses to these consequences. As such the course is divided into three units. The first part will cover the development of environmental criminology including theories and methodologies. The second part will examine different forms of environmental crime (e.g., climate change, pollution, food crime). Finally, the course will evaluate responses to green crime, including media depictions, criminal justice legislation, and activism.

CRIM 4334 - Human Trafficking

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. Course is repeatable for credit. Human trafficking is a complex, global phenomenon that has remained largely hidden and is, as a result, often misunderstood. This course will allow students to gain a better understanding of human trafficking, including current theory and research on the topic. This course will cover the extent and nature of the problem; including demand, prevalence, experiences of survivors, types of trafficking, and methods of traffickers. The course will also examine international, federal, and state legislation and other efforts to prevent and respond to trafficking victimization.

CRIM 4402 - Prison Policy and Practice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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.

Data Science

DATA 1501 - Introduction to Data Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Exit or exemption from Learning Support Mathematics
This course is intended to provide an introduction into the field of Data Science. Students will develop skills in appropriate technology and basic statistical methods by completing hands-on projects focused on real-world data and addresses the social consequences of data analysis and application.

Early Childhood/Elementary Education

ECED 3214 - Exploratory Activities in Music and the Fine Arts

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
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. Course Equivalent ECSE 3214 . Must be taken concurrently with ECED 3271, ECED 3282 and READ 3251, or with Advisor approval.

ECED 3250 - Teaching Elementary Mathematics 1

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Mathematics education content, methods, and materials that are appropriate for the cognitive development of the young child from grades k-5 within the domains of numerical reasoning related to whole-number, patterning, and algebraic reasoning will be investigated by means of course discussions and assignments, field placements/assignments, and course readings. Students will apply knowledge of content, methods, and materials during field experience.

ECED 3260 - Teaching Elementary Mathematics 2

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ECED 3250
Mathematics education content, methods, and materials that are appropriate for the cognitive development of the young child from grades k-5 within the domains of numerical reasoning related to integers, measurement, data reasoning, geometry, and spatial reasoning will be investigated by means of course discussions and assignments, field placements/assignments, and course readings. Students will apply knowledge of content, methods, and materials during field experience.

ECED 3271 - Integrating Curriculum, Instruction, and Classroom Management for Pre K-5 Classrooms

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
Students will examine theories and models for designing curriculum, instruction, and class-room 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 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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. Course equivalent ECSE 4783. Must be taken concurrently with ECED 3214, ECED 3271 and READ 3251 or with advisor approval.

ECED 4251 - Assessment and Correction Mathematics Education

(2 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisite: ECED 4263 or ECSE 4763. Admission to Teacher Education program and College of Education field experience documentation required
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 4251L.

ECED 4251L - Assessment and Correction Clinical Lab

(0 Lecture Hours 0 Lab Hours 0 Credit Hours)

Prerequisites: Admission to Teacher Education
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. Corequisites: ECED 4251

ECED 4261 - Teaching Content and Process: Social Studies Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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. Course equivalent ECSE 4761. 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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: Mathematics Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 con-currently with ECED 4261, ECED 4262, ECED 4283 and READ 3262 or with advisor approval.

ECED 4283 - Practicum II

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
Students are placed in a designated early childhood/ elementary site. Requirements include observing children and planning and implementing learning activities with the guidance of a qualified supervisor.

ECED 4284 - Practicum III

(0 Lecture Hours 2 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: Admission to Teacher Education program
Titles and descriptions of specific courses to be inserted at time of offering. May be repeated for credit.

ECED 4286 - Teaching Internship

(0 Lecture Hours 18 Lab Hours 6 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required

Students will be in a full-time, supervised and directed classroom setting. Application to field experience required prior to enrollment Provisionally certified students only.

ECED 4288 - Teaching Internship II

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
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.

Early Childhood through Secondary Education

ECSE 3214 - Exploratory Curriculum for Pre-K-5 Classroom

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
This course provides students with the basic pedagogical skills and developmentally appropriate practices for teaching exploratory curriculum (drama, art, music, physical activity, and health) in Pre-K-5 classrooms, including children with mild disabilities. The course will provide foundational pedagogy for candidates to begin their pre-service experience creating and evaluating lesson plans, exploring various instructional strategies, and methods for effective planning and instruction. Students will also apply knowledge of content, methods and materials during field experience. Course equivalent ECED 3214.

ECSE 4761 - Teaching Content and Process: Social Studies Dual Certificate

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and ECSE 3214
Candidates will examine the current content and methodology of social studies education for young learners (grades P-K) including those with disabilities. Candidates will explore ways to differentiate instruction to meet the needs of all learners. Candidates will design and implement learning experiences and that incorporate the knowledge and skills appropriate for an elementary social studies program. Field experience required. Course equivalent ECED 4261.

ECSE 4762 - Teaching Content and Process: Science Dual Certificate

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and SPED 3702 and SPED 3713 and SPED 4710 and ECSE 3214
Students will examine curricular content, methodology, classroom organization and management, 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, teaching students with mild disabilities in science, and the integration of science with mathematics and other appropriate subject areas.

ECSE 4763 - Teaching Content and Process: Math Dual Certificate

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 by means of course discussions and assignments, field placements/assignments, and course readings. Stu-dents will apply knowledge of content, methods and materials during field experience. Emphasis will be placed on developmentally appropriate practices for teaching mathematics to all children in Pre-K-5 classrooms, including children with mild disabilities.

ECSE 4764 - Teaching Content and Process: Literacy Dual Certificate

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and SPED 3713 and SPED 4710 and SPED 3702 and ECSE 3214
Candidates will examine the theories, materials, and methods of literacy instruction. Candidates will explore ways to differentiate instruction to meet the needs of all learners. Students will design and implement learning experiences that incorporate knowledge and skills appropriate for an elementary literacy program.

ECSE 4783 - Practicum I

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and SPED 3713 and SPED 4710 and ECSE 3214 and SPED 3702 and College of Education field experience documentation required
Students are placed in a designated early childhood/elementary site that includes students who have and students who do not have disabilities. Requirements include children and planning and implementing learning activities with the guidance of a qualified supervisor. Course equivalent ECED 3282.

ECSE 4784 - Practicum II

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required and ECSE 4761 and ECSE 4762 and ECSE 4763 and ECSE 4764 and ECSE 4783
Students are placed in a designated early childhood/elementary site that includes students who have and students who do not have disabilities. Requirements include observing children and planning and implementing learning activities with the guidance of a qualified supervisor.

ECSE 4785 - Practicum III

(0 Lecture Hours 4 Lab Hours 2 Credit Hours)

Prerequisites: ECSE 4784 and Admission to Teacher Education. Completed application for field experience.
This course is designed to engage students in clinical experiences in both general and special education. Students are placed in a designated early childhood/elementary site with half a semester in a traditional general education classroom and half a semester with a SPED teacher (inclusion classrooms or resource models). At the end of Block 3, teacher

candidates choose to stay in the traditional classroom or to stay with the SPED teacher and follow their schedule. Requirements include observing children and planning and implementing learning activities for students with and without disabilities under the supervision of a qualified supervisor.

ECSE 4786 - Teaching Internship

(6 Lecture Hours 0 Lab Hours 6 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required.
Teaching one semester in the public schools under the supervision of an experienced, qualified classroom teacher on the level and in the field of elementary and /or special education. A student teaching seminar (ECSE 4789) accompanies student teaching.
Corequisite: ECSE 4789

ECSE 4789 - Teaching Internship Seminar

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education (TE)
Information and issues related to student teaching in the public schools under the supervision of an experienced, qualified classroom teacher on the level and in the field of early childhood and/or special education.

Economics

ECON 1101 - Economics of Financial Literacy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course explores the microeconomic and macroeconomic principles that underpin financial literacy, emphasizing the importance of informed decision-making in personal finance. In this class, students will learn how to apply economic thinking to real-world financial situations and develop the skills necessary to make sound financial decisions. Specifically, students will learn how to use economic theories and concepts to make informed decisions about budgeting, cash flow management, maximizing their earnings potential, tax planning, obtaining and using credit, saving and investments, insurance and risk management, and retirement. The course will emphasize the importance of understanding the broader economic context when developing and implementing financial plans.

ECON 2100 - Economics for Everyone

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Emphasis is placed on basic and useful information needed for effective personal spending, saving, and budgeting.

ECON 3402 - Statistics for Business I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (ECON 3402 or MATH 1401)
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 3408 - Introduction to Programming for Analytics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ECON 3402 with a "C" or higher
This course introduces new Business Intelligence and Data Analytics students to methods used for creating, handling, and processing data sources. This course emphasizes a hands-on, practical approach to data processing and analysis with SAS, an industry-standard business intelligence and statistical software package available for MS Windows, Linux, and UNIX operating system.

ECON 3410 - Macroeconomic Policy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ECON 2105 with a grade of C or better and ECON 2106 with a grade of C or better 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 re-source allocation, non-competitive market structures, game theory and strategy, externalities, public goods and public policy.

ECON 3420 - Economic History of the United States

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GEOG 1013 and (GPA2 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ANTH 1102 and ECON 2105 or ECON 2106 and GPA2 2.00 and COBM 1
A cultural approach to how societies produce, distribute and consume goods, services and re-sources. Same as ANTH 3158.

ECON 3460 - Forecasting

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4408 - Visual Analytics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ECON 3408 with a grade of "C" or higher.
This course provides a rigorous treatment to modern tools in data visualization and analytics. Subjects covered include data management and preparation for various data structures and formats, such as importing and exporting data, merging and joining data sets, and re-shaping, collapsing, or aggregating data for analysis purposes. Students will work with various data examples to create their own interactive data graphics. Students will also learn how to combine data visualization tools with data science techniques, such as cluster analysis and regression trees.

ECON 4410 - Money and Banking

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4415 - Health Economics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ECON 2106 , grade of C or better
This course is an in-depth study of health economics. The course emphasizes applying microeconomic theory to studying the behavior of diverse economic agents in the healthcare market, such as patients, physicians, hospitals, and insurance companies. The course also examines the evolution of the healthcare industry in the U.S. and analyzes government policies like Medicare, Medicaid, and the Affordable Care Act.

ECON 4420 - Labor Economics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ECON 2105 and ECON 2106
An advanced study of the equity and economic effects of government spending programs, taxes, and debt. This course provides students with the foundations of microeconomic analysis.

ECON 4450 - International Economics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ECON 2105 and ECON 2106 and (GPA2 2.00 and COBM 1)
The course compares and contrasts the forms of economic organization.

ECON 4475 - Introduction to Econometrics and Analytics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4476 - Senior Seminar in Data Intelligence and Business Analytics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ECON 3408 , ECON 3402 , and ECON 3460 with a grade of "C" or higher.
This course is a capstone seminar for students in the Data Intelligence and Business Analytics major. Students will use software, such as R, to analyze a data set and propose a unique project that can be presented as a stand-alone analysis of the data. Techniques used will include base, grid, and lattice graphics, statistical techniques, such as regression and forecasting, and basic programming.

ECON 4480 - Urban and Regional Economics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1.0 - 6.0 Lab Hours 1.0 - 6.0 Credit Hours)

Directed program of independent study or specific research topics.

ECON 4484 - Seminar in Economics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Work experience with a business, government agency or other organization.

Educational Foundations

EDFD 2303 - Orientation to Education

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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.

Educational Research

EDRS 4042 - Introduction to Classroom Assessment

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CEPD 4101
This course provides an introduction to important concepts of classroom assessment including the nature of assessment, its purposes, and essential assessment practices in relation to national/state/county-mandated assessments. Students will be able to define assessment and learn about the different types of classroom assessment, implementation of formative

and summative assessments, evaluation and selection of assessments, the development of aligned assessments, and the uses of assessment to improve learning and instructional practice.

Electronic Technology

ETEC 1101 - Electronic Technology in the Educational Environment

(1.0 - 2.0 Lecture Hours 0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: ECOR C or ECCG C. 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/
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 di-vide, 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.

Engineering

ENGR 1113 - Introduction to Engineering

(2 Lecture Hours 3 Lab Hours 3 Credit Hours)

An introduction to the field of engineering.

ENGR 1173 - Computer Graphics/Introduction to Visual Communication and Engineering Design

(2 Lecture Hours 3 Lab Hours 3 Credit Hours)

Computer-aided engineering design fundamentals. Projection theory, sketching, creative design, and geometric modeling.

ENGR 3113 - Statics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Elements of statics in one, two, and three dimensions, centroids, analysis of structures and ma-chines, friction.

ENGR 3123 - Dynamics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The kinematics and kinetics of particles and extended rigid bodies moving in a plane.

ENGR 3133 - Mechanics of Deformable Bodies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 1.0 - 15.0 Credit Hours)

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.

English

ENGL 0999 - Support for English Composition

(1-3 Lecture Hours 0 Lab Hours 1-3 Credit Hours)

This Learning Support course provides corequisite support in reading and writing for students enrolled in ENGL 1101 - English Composition I. Topics will parallel those being studied in
ENGL 1101 and the essential reading and writing skills needed to be successful in ENGL 1101. Taken with ENGL 1101, this is a 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. Corequisites: ENGL 1101

ENGL 1101 - English Composition I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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/
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.

ENGL 1101L - English Composition Lab

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

This lab provides co-requisite support in reading and writing for students enrolled in ENGL 1101 - English

Composition I. Topics will parallel those being studied in ENGL 1101 and the essential reading and writing skills needed to be successful in ENGL 1101. Taken with ENGL 1101, this is a 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. Corequisite: ENGL 1101

ENGL 1102 - English Composition II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1101 with a minimum grade of C or EP 2 or ENG 101 with a minimum grade of C. 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/
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.

ENGL 2000 - American Speech

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An investigation of the varieties of speech communities in America, emphasizing the practical applications of dialectology and discourse analysis.

ENGL 2001 - Introduction to Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A course that introduces students to the conventions of poetry, fiction, non-fiction, drama, and film with the goal of developing collegiate-level reading and interpretation skills. Required for English majors. May count for credit in Area C.2.

ENGL 2050 - Self-Staging: Oral Communication in Daily Life

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An introduction to the performative basis of oral communication and self-presentation.

ENGL 2060 - Introduction to Creative Writing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course serves and 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.

ENGL 2080 - Introduction to the Art of Film

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C or EX X

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or EX X
A survey of important works of world literature. Required for English majors. Course equivalents ENGL 2111 and ENGL 2112.

ENGL 2111 - World Literature I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or EX X) and (ECOR C or ECCG C). Prerequisites: ENGL 1102. For more information on this institution's eCore courses, please see http://www.westga.edu/ecore/
A survey of important works of world literature from ancient times through the mid-seventeenth century.

ENGL 2112 - World Literature II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ECOR C and ENGL 1102 with a minimum grade of C
World Literature II is a survey of important works of world literature from the mid-seventeenth century to the present.

ENGL 2120 - British Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or EX X
A survey of important works of British literature. Required for English majors.

ENGL 2130 - American Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or EX X
A survey of important works of American Literature. Required for English majors. Course equivalents ENGL 2131 and ENGL 2132.

ENGL 2131 - American Literature I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ECOR C and ENGL 1102 with a minimum grade of C
A survey of American literature from the pre-colonial age to the mid-nineteenth century.

ENGL 2132 - American Literature II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C and (ECOR C or ECCG C). Prerequisites: ENGL 1102 For more information on this institution's eCore courses, please see http://www.westga.edu/ecore/
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.

ENGL 2180 - Studies in African-American Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or EX X
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or EX X
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C or EX X
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 2060. Pre-requisites: ENGL 2060 or XIDS 2100 (The Creative Process).
An introduction to the genre-specific workshop in either fiction, poetry, creative nonfiction, screenwriting, or play writing. May be 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

This class introduces students to representative philosophies and pedagogical approaches to meaningful practice in the instruction of writing. Built-in components include research as well as reflective and theoretical writing.

ENGL 3405 - Professional and Technical Writing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3410 - Technology for Editors/Writers

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1101 AND ENGL 1102
This course is designed to help students become proficient in the technologies useful in classrooms and in the work world that editors and writers will encounter. As such, its content will change as new technologies develop and are adopted in these arenas. Students in the course will demonstrate familiarity with the kind of technologies useful to editors and writers in the classroom and work world; apply these technologies to common tasks, such as creating a document, editing a file, developing a slide show, building a simple website, populating a spreadsheet, developing a web page, sending an email, or flowing a manuscript into a proof; and choose the correct technology for the task assigned.

ENGL 4000 - Studies in British Lit. I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 3000
Topics rotate: Medieval Literature: An examination of medieval English literature in its various aspects, considering texts in their historical context. Renaissance Literature: 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. Seventeenth Century British Literature: An investigation of significant issues, themes, and ideologies in selections of seventeenth-century British literature studied in terms of their original cultural context. Eighteenth Century British Literature: A topic-centered examination of drama, fiction, poetry and other textual expression from Restoration and eighteenth-century Britain. Works may be studies in their historical, political, cultural and aesthetic context.

ENGL 4002 - Studies in British Lit. II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 3000
Topics rotate: British Romanticism: An investigation of issues, themes, and ideologies in selections of British Romantic literature studies in terms of their original cultural context. Victorian Literature: An in-depth analysis of Victorian literature in its original historical, political, cultural and aesthetic contexts. Twentieth-Century British Literature: An in-depth examination of selected twentieth-century texts from the British Isles studied in the context of relevant social, political and cultural issues. Contemporary British and American Literature: An examination of selected texts produced in the last thirty years in the British Isles and the United States.

ENGL 4003 - Studies in American Lit. I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 3000
Topics rotate: Colonial and Early American Literature: An examination of representative literary works from exploration and discovery through the era of the new American republic. American Romanticism: An examination of representative American literary works from the nineteenth century through the Civil War. American Realism and Naturalism: 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 4005 - Studies in American Lit. II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 3000
Topics Rotate: Twentieth-Century American Literature: An in-depth examination of ideas and issues prevalent in twentieth-century American literature in its historical, political, cultural and aesthetic context. Contemporary British and American Literature: An examination of selected texts produced in the last thirty years in the British Isles and the United States.

ENGL 4106 - Studies in Genre

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4170 - Studies in African-American Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An examination of the African-American tradition in literature.

ENGL 4180 - Studies in Regional Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 - Studies in Individual Authors

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (ENGL 3200 with a minimum grade of C or ENG 306 with a minimum grade of C) and 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 Lecture Hours 1 Lab Hours 4 Credit Hours)

Prerequisite: ENGL 3000 with a minimum grade of C and Admission to Teacher Education program and College of Education field experience documentation required and SEED 4271 and SEED 4271.
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 Lecture Hours 0 Lab Hours 9 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 on-going and comprehensive portfolio assessment process.

ENGL 4295 - Studies in Young Adult Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. (Offered fall semester only) Cross-listed with SEED 4295. Only counts toward the major in English for students seeking teacher certification.

ENGL 4300 - Studies in the English Language

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. (Offered fall semester only)

ENGL 4304 - Advanced Writing in Disciplines

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1101 and ENGL 1102
Advanced composition course focusing on syntactical and rhetorical skills necessary for effective communication in a variety of professional settings and disciplines. Students will study the principles of sentence construction and persuasion, and learn to perform structural and functional analyses of both in order to address particular audiences in specific situations. They will also explore the relationship between multimodality and accessibility in the creation and

reception of meaning. Can be taken in lieu of ENGL 4300 for purposes of Publishing and Editing Certificate and English B.A., Education Track. Open to non-majors.

ENGL 4310 - Studies in Literary Theory

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 3 Lab Hours 3 Credit Hours)

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.

ENGL 4405 - Publishing and Editing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 3410 AND ENGL 4300 or ENGL 4304
This course is focused on introducing students to the world of publishing and professionalizing students as editors, helping students learn or hone the skills they'll need to edit (at all levels-content, sentence, punctuation) their own and others' work, and assisting them to develop documents and credentials to present to a potential employer. (Offered spring semester only)

ENGL 4425 - Dynamic Writing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1102
Explores the variety of writing contexts in the contemporary workplace, considering composition as a process that involves multiple modes of communication and delivery. Topics include writing for page, web and video and applying practices from both written and visual rhetoric.

ENGL 4430 - Ethics and Writing with AI

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1102
Explores developing conversations regarding the use of AI in the workplace, with particular attention to research and writing applications. Explores ethical applications of AI for writing and editing, understanding of the ways that AI bots are trained and maintained, strategies for using AI effectively while maintaining individual voice and research integrity.

Environmental

ENVS 2202 - Environmental Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 1.0 - 6.0 Credit Hours)

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 Lecture Hours 3.0 - 4.0 Lab Hours 1.0 - 4.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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.

European Union

EURO 3234 - Introduction to the EU

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An introduction to the history, institutions, and policies of the European Union. The course also examines the role of the EU as a global actor, including its relations with the United States.

EURO 4130 - EU Law & Legal Systems

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A study of EU legal institutions and processes in the context of international law and in comparison to those of the United States.

EURO 4160 - Federalism and Multilevel Governance in the EU

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A comparison of multilevel governance and policymaking in the European Union with that of the United States and other federal systems.

EURO 4230 - Doing Business in the EU

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A study of business protocol in the EU compared to the United States. The course focuses on institutions and rules which impact the business environment for domestic and international firms, and on how political decisions affect the business environment.

EURO 4260 - European Monetary Union

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An examination of the history and evolution of the European Economic and Monetary Union and its impact on the United States and the global economy.

EURO 4330 - EU Science & Technology Policy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An examination of EU science and technology policy compared to that of the United States. The course examines how governments can encourage scientific and technological innovation and whether government can (or should) try to limit or control technological innovation.

EURO 4530 - European Social Policy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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.

EURO 4630 - Communications and Media

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A comparison of communications and media in the EU with the United States. The course examines media law, policies, and practices in voice telephony, the Internet, and social media.

EURO 4730 - EU Foreign Policy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An examination of the foreign policy of the EU. Examines how EU foreign policy is made, the intersection of national and EU foreign policies, and EU policies regarding key issues in countries and areas of the world.

EURO 4760 - US-EU Relations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An examination of relations between the United States and the European Union, including US-EU cooperation on global issues and the future of Transatlantic relations in a changing world.

EURO 4830 - EU Studies Capstone

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A capstone course for students in the EU Studies certificate program. The course explores selected topics in a way that allows students to synthesize their knowledge of the EU.

Film

FILM 1000 - Georgia Film Academy I

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

This course is the first of a two-course certificate program which will provide an introduction to the skills used in on-set film production, including all forms of narrative media which utilize film-industry standard organizational structure, professional equipment and on-set procedures. In addition to the use of topical lectures, PowerPoint presentations, videos and hand-outs, the course will include demonstrations of equipment and set operations as well as hands-on learning experiences. Students will: 1.Identify and describe film production organizational structure. 2.Define job descriptions in various film craft areas, names, uses, and protocols. 3.Explain the connections between these areas, names, uses, and protocols on-set. 4. Operate full lighting and grip equipment. 5.Summarize the above knowledge for purposes of self-marketing.

FILM 2000 - Georgia Film Academy II

(6 Lecture Hours 6 Lab Hours 12 Credit Hours)

This course is the second of a two-course certificate program designed specifically to provide students with a basic level of on-set film production skills, knowledge and experience with film-industry standard organizational structure,

professional equipment and on-set procedures. The skills and knowledge gained in Course I will form a foundation for students to be able to perform at an entry-level on working productions. This course will focus on professional-level productions, on which students will have roles in on-set and pre-production crafts. Students will: 1. Demonstrate knowledge of on-set protocols and relationships. 2. Demonstrate basic abilities in multiple entry-level on-set jobs.* 3. Interpret and apply instructions from on-set supervisors. 4. Summarize the above experiences for purposes of self-marketing. *May include Camera, Lighting, Electrical, Security, Second Unit Director/Assistant Director, Art Department (Set Decorator/dressing, Production Design, Props), Set Construction, Makeup/Hair Department, Wardrobe Department, Sound Department, Post-Production (editing), Production Assistant, Locations, Script Supervisor (Continuity), Production Office, Production Accounting.

FILM 2080 - Introduction to the Art of Film

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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

FINC 3501 - Personal Financial Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FINC 3511
Designed to focus on the application of finance concepts in the international environment.

FINC 4531 - Intermediate Corporate Finance

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FINC 3511 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FINC 3511 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FINC 3511 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FINC 3511 with a minimum grade of C
The course is designed to focus on creating, managing, and evaluating investment portfolios to meet specific objectives and risks.

FINC 4561 - Bank Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FINC 3511
Analysis of functions and operations of commercial, investment, and savings banks. Primary emphasis is on investment, financial structure and the bank's role in determining financial variables and resource allocation.

FINC 4571 - Derivative Markets

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

Practical finance internship experience with a commercial firm or organization for selected upper division students.

FinTech

FTA 3810 - Payment Processing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course focuses on the payment process ecosystem, lifecycle, regulation, security, fraud protection, and payment networks. The student will learn the products and services of the payments, fraud and risk reduction strategies, and roles & responsibilities of card issuers, acquirers, merchants, and strategies for maximizing card usage while minimizing loss associated with card use. The student will also learn about payment negotiations, risk management, customer relationships, principles of authorization, settlement, chargeback, and procedures, strategies, and best practices for acquiring merchants.

FTA 3850 - Digital Payment Security

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course examines security issues in the Payments vertical. Students explore application security addressing the challenges and weak points of applications, learn the tools and techniques of machine learning as a defensive security strategy overcoming the continuous automatic attack generated by machines, and engage in hands-on practice in penetration testing. Payments framework and standards including NIST cybersecurity framework, ISO 27001 information security management, and Payment Card Industry Data Security Standards (PCI DSS) will be discussed. Administration of the information security function including the strategic planning process, policies, procedures, and staffing functions necessary to organize and administer ongoing security functions will be discussed. In addition, fraud, regulation, security practices, security architecture, competitive intelligence, and operating environments are emphasized throughout the course.

FTA 3860 - Emerging Payment Technologies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Electronic payments are the life blood of e-Commerce. They are expanding rapidly and changing because of the pervasive use of electronic devices, whose use is not confined to consumer transactions. The course covers a wide variety of electronic payment mechanisms used to make payments worldwide. The course is designed to stimulate creative thinking about the use of new technologies in the movement of money, from small peer-to-peer transactions through the largest interbank payments. Even though everyone is familiar with money on a day-to-day basis, very few people understand how money actually moves. Payments are complex because they usually involve at least five parties -- in addition to the buyer and seller there are also the buyer's bank, the seller's bank, and the country's central bank, and this does not even include service providers who transmit payment data and aggregate transactions. The buyer and seller must communicate with each other concerning the transaction, then instructions must be transmitted to the buyer's bank, which then takes action at the central bank to cause money to appear in the seller's account in the seller's bank. When different currencies are involved, the central banks of two countries are involved. Every payment system must provide for secure communication of payment orders. The course covers banking systems, e-payment security, foreign exchange, Internet banking, wireless payments, stored-value cards, micropayments, peer-to-peer payments, large-scale B2B payments, and the future of money.

FTA 4001 - Foundations of FinTech

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The financial services industries are changing rapidly with the emergence of financial technology (FinTech). The objective of the course is to provide students with an overview of FinTech and introductions to its applications in financial services, such as commercial and investment banking, digital investing, financial advising, and insurance. Students are expected to develop a broad understanding of the recent FinTech development and its impact on different parts of the financial world. Students will also have hands-on problem-solving experiences that can be useful in FinTech applications and innovation. Topics may include but are not limited to: blockchain and cryptocurrencies, smart contracting, payments, digital banking, P2P lending, crowdfunding, roboadvising, and InsurTech.

FTA 4002 - Financial Technologies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The financial services industries are changing rapidly with the emergence of financial technology (FinTech). This course examines the information and communications tools, technologies, and standards integral to consumer, merchant, and enterprise services in the payments and financial service sectors. Explores technology's role in reshaping FinTech businesses. Technologies span, but is not limited to, messaging, communication networks and gateways, core processing, mobile and online software, and application program interfaces (APIs). Includes the challenges, standards, and techniques associated with securing systems and data.

FTA 4003 - Commercial Banking and FinTech

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The FinTech revolution is creating significant disruption to the traditional processes of managing and regulating financial institutions, especially banks. Digital technology is increasingly altering basic financial intermediation functions such as payment processing, risk management, information dissemination, price discovery, capital raising, and consumer expectations concerning access to funds and the timing of loan decisions. Understanding, assessing and forecasting FinTech's impact on banking is particularly important because proper management and oversight of financial institutions is essential to the efficient operation of the national, as well as global, economy. In this course, students will learn about the principles and practices of commercial bank management, including electronic and mobile banking. Students will also explore the depository, lending, and service roles of banks and the systems and technologies essential to their delivery. Lastly, students will study the regulatory factors influencing credit, investment, funding and pricing decisions, and the tradeoffs between risk and return. Challenges presented by the FinTech revolution, including traditional and emergent competitors as well as demographic, social, and technology forces driving change in the industry, will be integrated throughout the entire course

FTA 4005 - Introduction to Financial Data Analytics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course provides the foundation for financial data analytics used in business and FinTech applications. The objective of this course is for students to gain experience in analyzing financial data using analytics techniques, statistical methods, and prediction models. Students will develop computational skills to perform data analysis using a modern statistical programming environment, and apply these skills to address a range of problems encountered by business firms, including those in the FinTech industry. The topics discussed include an introduction to R language, visualization of financial data, simple and multiple linear regression, classification models - logistics regression, training, and test data, model accuracy, and assessment. Students will have hands-on experience in the development of data analytics applications to analyze real-world financial problems.

FTA 4100 - Intro to Information Security

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The purpose of this course is to introduce the business student to the rapidly evolving and critical international arenas of privacy, information security, and critical infrastructure. This course is designed to develop knowledge and skills for the security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet-facing systems. The course utilizes a world view to examine critical infrastructure concepts as well as techniques for assessing the risk associated with accidental and intentional breaches of security in a global network. It introduces the associated issues of ethical uses of information and of privacy considerations.

First Year University Experience

UWG 1101 - First Year University Experience

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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.

Foreign Language

FORL 1598 - Elementary Arabic I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2100 - Language and Identity

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course takes a global approach to the relationship between language and identity, examining its nature in a wide variety of historical and contemporary contexts. Students will develop an understanding and appreciation for the way language and identity are intertwined, and how this informs the world in which we live. To explore the twin topics of language and identity, we will study a wide variety of societies around the world, examining specific communities in Africa, Asia, Australia, Europe, and North and South America.

FORL 2200 - Survey of National Literatures

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or EX X
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 language(s) in question is necessary. Course may be repeated with a different subject.

FORL 2300 - Topics in National Literatures

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or EX X
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 3000 - Global Languages and Cultures Colloquium

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Within the framework of intercultural competency, this course will focus on the applicability of language study beyond the undergraduate classroom in future professional career paths. Students will learn how to highlight and market their developing language skills to future employers, and will gain firsthand knowledge about the relevancy and competitive

edge their language skills provide as tools of intercultural communication. The course will also examine the historical and contemporary presence of language diversity in Atlanta, Georgia, and the South East, and will situate these regions within an international and transnational network of economic and cultural exchange.

FORL 3111 - World Film

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 language(s) in question is necessary. Course may be repeated with a different subject.

FORL 4501 - Foundations of Language Development

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Teacher Education Admission TE and Educ.Field Experience Appl FE
This course is designed primarily for future and novice language teachers, introduces students to theories of first and second language development as observed in a minimum of 20 hours of field experience in a P-5 school. 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required. Grade of C or above in FORL 4501
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 Lecture Hours 14.0 - 40.0 Lab Hours 3.0 - 9.0 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required. Prerequisites of a C in FORL 4502 and a C or higher in FREN 4000, FREN 4150, FREN 4310, or FREN 4320, or SPAN 4170, SPAN 4012, or SPAN 4013.
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

FREN 1001 - Elementary French I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Introduction to listening, speaking, reading, and writing in French and to the culture of French-speaking regions.

FREN 1001C - Elementary French I - Block

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Introduction to listening, speaking, reading, and writing in French and to the culture of French-speaking regions.

FREN 1002 - Elementary French II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FREN 1001 with a minimum grade of C or FREN 1001C with a minimum grade of C or better or two years high school study.
Continued listening, speaking, reading and writing in French with further study of the culture of French-speaking regions.

FREN 1002C - Elementary French II - Block

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FREN 1001C with a minimum grade of C. Pre-requisite: FREN 1001 with a grade of C or better or two years high school study.
Continued listening, speaking, reading and writing in French with further study of the culture of French-speaking regions.

FREN 2001 - Intermediate French I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FREN 1002 with a minimum grade of C or FRE 102 with a minimum grade of C or FREN 1002C with a minimum grade of C or FREN 1002C 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3000 - French Digital Narratives

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: FREN 2001
This course introduces students to theories, methods, and techniques of digital narratives in the French-speaking world. Students will examine narrative conventions, multimodal approaches to contemporary storytelling and cultural and theoretical perspectives that the authors exhibit. Through culturally contextualized case-studies, students will explore and analyze digital narratives in fields such as journalism, art, generative literature, digital storytelling and social media. Students will also apply and develop their language and cultural knowledge through hands-on projects that apply digital narrative techniques and methods.

FREN 3100 - Composition and Conversation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FREN 2001 with a minimum grade of C or FRE 103 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 3131 - Applied Intercultural Competencies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Grade of C or higher in FREN 1001
This course introduces students to theories and practices of intercultural competencies. Offered in conjunction with study abroad programs, this course equips students with the comparative cultural and theoretical frameworks that will empower them to interpret their intercultural and multilingual experiences while abroad. Students will develop their knowledge of language, culture, and foundational concepts and applications of cultural competencies through the culturally contextualized case-studies of their own study abroad experiences.

FREN 3210 - Topics in French Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FREN 2001 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FREN 2001 with a minimum grade of C or FRE 103 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. May be taken up to four times for credit with different content.

FREN 3212 - Topics in Francophone Cinema

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Introduction to Francophone cinema through the discussion and analysis of French-language films placed within their cultural and historical context. Can be taken twice for credit with different content.

FREN 3220 - Survey of French Literature I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FREN 2001 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FREN 2001 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FREN 1002 with a minimum grade of C or FRE 104 with a minimum grade of C
This course allows students to apply and expand their knowledge of the French language and cultures of the French-speaking world through Business French. We will learn about and apply the language, grammar, and instruments used in the business world, and interpret its customs in a variety of cultural contexts. Students will gain hands-on experience developing tools that refine the oral, written, and intercultural communication skills that prepare them to navigate a range of professional organizations. Moreover, this course positions students to understand how business practices reflect culture and thus equips students with critical thinking, comparative frameworks, and intercultural awareness that position them to participate more responsibly and effectively in an increasingly connected and globalized world.

FREN 4000 - Advanced French Translation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course will provide students the opportunity to gain skills translating French to English as well as English to French.

FREN 4100 - French Film Internship

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Concurrent Prerequisite FREN 1002
Thanks to a long and illustrious history of film production and an innovative model of state support for the arts, France boasts one of the most vibrant and successful film industries in the world. In this course we will explore the French cinema landscape while participating in two film festivals organized by the French government: the international My French Film Festival and the Tournées French Film Festival at UWG. We will view films from a variety of genres by both well-established and up-and-coming French directors, and we will study issues of representation in contemporary French cinema. We will also investigate the role of cinema in France's cultural diplomacy and overall approach to the arts. To situate our festival experiences and prepare the final course project, we will also study the theory and practice of film festival management and reflect on the place of the public arts within civic and university cultures. The festival will culminate in student-designed projects for French film events at UWG. Course taught in English. Film Studies Minor, BIS in Film (Critical Studies Track)

FREN 4150 - Advanced Grammar and Linguistics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: 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 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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
A study of selected works by major French writers of the twentieth century.

FREN 4230 - Classical French Drama

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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
A study of the major dramatists of the seventeenth century.

FREN 4240 - French Poetry

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 ECON 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

A study of the evolution of French couture and civilization from past to present through an exploration of France's major historical, artistic, and social development.

FREN 4350 - Language Internship

(0 Lecture Hours 1-3 Lab Hours 1-3 Credit Hours)

Prerequisites: FREN 1002
Through internships, this course provides students with the opportunity to gain supervised work experience in an agency or organization that is relevant to the study of language and culture. Credit hours are based on the following scale: 45 work hours per semester=1 course credit hour; 90 work hours per semester=2 credit hours; 135 work hours per semester=3 credit hours . The course can be repeated for up to 3 credit hours. It cannot be used to replace FORL 4586.

FREN 4484 - Senior Capstone

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisites: FORL 3000
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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: any 3000 level FREN course with a C or better
This course provides students the opportunity to engage with a range of topics relevant to the French-speaking world. The specific topics vary to allow students to deepen their knowledge of social, cultural, and political issues shaping the French-speaking world and beyond.

Geography

GEOG 1013 - World Geography

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 - Introduction to Physical Geography

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An introduction to physical geography, surveying weather, climate, vegetation, soils, land-forms, water resources, and their spatial interrelations and distributions.

GEOG 1112 - Weather and Climate

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2202 - Environmental Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course will focus on the key principles of environmental science, paying special attention to environmental systems and human interactions with these systems. The aim of the course is to give the student a solid, scientifically based understanding of the earth's current environment and how to analyze, assess, and begin to address human populations' impact on this environment.

GEOG 2202L - Environmental Science Lab

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

This lab course will bring key principles of environmental science to a lab setting. The aim of the lab exercises is to give the student a hands-on experience involving basic observation, evaluation, and assessment of environmental themes and problems.

GEOG 2253 - Geographies of Economic Development

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Carib-bean, 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 2333 - An Introduction to Research in Earth and Environmental Sciences

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

An introduction to earth and environmental sciences through career preparation and research methods. The course allows the sophomore level student to explore sub-disciplines and takes a comprehensive approach to the research process. This may include the development of a research question, identifying and working with relevant data, applying appropriate methods of analysis, and effectively formulating research findings.

GEOG 2503 - Cultural Geography

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course analyzes the field of contemporary geopolitical theory and the new 'critical geo-politics'. 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 3020 - Political Geography

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Political geography is concerned with the spatial dynamics of power relations. This course focuses particularly on the nation-state, exploring the logic of the state and how it manages to legitimize itself as the dominant arbiter of political power. The course will also look at inter-actions between states and how they compete to control and dominate territory and resources.

GEOG 3085 - Selected Topics in Regional Geography

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3100 - Introduction to Science Pedagogy

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

This course is the prerequisite for student assistants hired to TA the Physics, Geography, and Geology introductory lab courses. The course will start with a general training of: decorum, behavior, professionalism, grading, knowing the specifics of each lab, and how to help the students in lab. This general training will be the first two meetings of the course. The remainder of the course will be online covering selected reading/ journal articles that relate to teaching and pedagogical methods.

GEOG 3253 - Economic Geography

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 frame-work 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3333 - Faculty-Mentored Research in Earth and Environmental Sciences

(1-3 Lecture Hours 0 Lab Hours 1-3 Credit Hours)

Prerequisite: GEOL 2333/GEOG 2333

This course is focused on helping students execute a doable research project with the help and guidance of an instructor. The student will largely be engaged in independent work that is developed and checked with the help of the instructor. Research or other work related to a student's independent project. This is a 1-3 hour course repeatable up to six hours.

GEOG 3405 - Geographies of Sustainability

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. There two disciplines were not combined until the ad-vent 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4083 - Faculty-Mentored Research

(1.0 - 3.0 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: GEOG 2083
Research or other work related to student's independent project. This is a 1-3 hour course repeatable up to six hours.

GEOG 4084 - Geography Capstone

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GEOG 4083
A capstone course for Geography majors focusing on the final stages of the research process, including how to discuss the relevance of research findings in both academic and broader contexts, how to effectively communicate research findings, and how to professionally present and communicate expertise and

GEOG 4086 - Internship

(0 Lecture Hours 0 Lab Hours 1-3 Credit Hours)

Prerequisites: Consent of department
Students will secure a position with an entity outside of UWG (corporation, foundation, government, etc.) to obtain field experience. Repeatable for up to nine credit hours.

GEOG 4103 - Soil Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An introduction to soils from a natural science perspective, emphasizing the relationship between soils and geology, climate, vegetation, and landscapes. Concepts will include soil physical and chemical properties, soil formation and horizonation, soil water, erosion, soil geography, and environmental and sustainability issues related to soil. Practical field and laboratory skills will be emphasized, including standard techniques and terminology for describing soils in the field, applying the US system of soil classification, interpreting National Resources Conservation Service soil survey data and performing geospatial analysis of digital soils data. A required field trip will allow students to observe soils in a variety of landscape settings.

GEOG 4253 - Seminar in Economic Geography

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4333 - Earth and Environmental Sciences Capstone

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisites: GEOL 3333/GEOG 3333
A capstone course intended for Earth and Environmental Sciences seniors. This course focuses on the final stages of the research process and the next steps in pursuing a career within the field. Areas of focus include how to effectively communicate research findings, how to discuss the relevance of these findings in both academic and civil contexts, and how to professionally present and communicate expertise and skills developed while being a student within the Earth and Environmental Sciences program. This is a writing intensive course (DSW) that will use various review and feedback options to help students hone the written and oral presentation of their research. Lastly, being a course designed for seniors who will soon be entering the job market, there will also be a discipline-specific focus on career aspirations, how to search for a job, CV preparation, and interview skills.

GEOG 4400 - Energy and Sustainability

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 is-sues of energy production, demand, and consumption. In this class students will practice ex-pressing 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4411 - Scientific Communication

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Science Communication is a one-semester, three-hour course. This course will discuss the nature of science, what it means to be scientifically literate, how to distinguish science from pseudoscience, and how to make a persuasive argument regarding a scientific topic. The course is cross-listed in Physics, Chemistry, Geography, Geology, and Biology.

GEOG 4500 - Moral Geographies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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, gen-der and race, feminist theory, cultural hybridity and globalization, and the new cultural spaces of the 21st century. The focus in 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 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: GEOG 2553
An introduction to the use of Geographic Information Systems, including GIS theory, data in-put, spatial analysis, and final output.

GEOG 4554 - Computer Cartography

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: GEOG 2553
Computer-assisted map design and production.

GEOG 4562 - Airphoto Interpretation and Photogrammetry

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 4600 - Applied Climatology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GEOG 1112
This course provides an introduction to the fundamentals of climatology with an emphasis on how the climate system works, quantitative approaches to climate analysis, the planetary energy budget, and air-sea interactions. Urban, regional and global climate features and human impacts are addressed. Current issues in climate research, sustainability, and policy will also be explored.

GEOG 4643 - Seminar in Urban Geography

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 2 Lab Hours 4 Credit Hours)

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 in-formation to learn about past and present environmental processes that may shed light on your particular research questions.

GEOG 4985 - Special Topics in Geography

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A course focusing on specialized, timely, or advanced topics in geography. Repeatable up to 15 credit hours.

Geology

GEOL 1121 - Exploring Earth

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 1121K - Introductory Geosciences I

(3 Lecture Hours 1 Lab Hours 4 Credit Hours)

This course covers Earth materials and processes. For more information on this institution's eCore courses, please see http://www.westga.edu/ecore/

GEOL 1121K - Introductory Geosciences I

(3 Lecture Hours 1 Lab Hours 4 Credit Hours)

This course covers Earth materials and processes.

GEOL 1121L - Exploring Earth Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Laboratory exercises to supplement lectures of GEOL 1121.

GEOL 1122 - Earth and Life Through Time

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 - Earth and Life Through Time Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Laboratory exercises to supplement lectures of GEOL 1122.

GEOL 1123 - Environmental Observations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

Laboratory exercises to supplement lectures of GEOL 1123.

GEOL 2002 - Applied Computing for Geosciences

(1 Lecture Hours 2 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

A survey of sky awareness, historical development of astronomy, the solar system, stars, nebulae, galaxies.

GEOL 2313L - Descriptive Astronomy Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

An experimental introduction to the elementary tools of astronomy.

GEOL 2333 - An Introduction to Research in Earth and Environmental Sciences

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

An introduction to earth and environmental sciences through career preparation and research methods. The course allows the sophomore level student to explore sub-disciplines and takes a comprehensive approach to the research process. This may include the development of a research question, identifying and working with relevant data, applying appropriate methods of analysis, and effectively formulating research findings.

GEOL 2503 - Introduction to Oceanography

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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, and mineral resources, as well as environmental issues affecting the sea. Satisfies Area D1 Core Requirements for non science majors.

GEOL 2523 - Age of Dinosaurs

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A multidisciplinary investigation into the ecology, anatomy, and classification the dinosaurs as well as the environmental, climatic, and geographic conditions on earth during the Mesozoic. The course will include a broad background into the biological and geological principles involved in understanding the origin, evolution, and extinction of the dinosaurs. In addition, the course will discuss techniques for using dinosaurs as a tool in teaching scientific principles.

GEOL 2553 - Geology of the National Parks

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 4 Credit Hours)

Prerequisite: GEOL 1121 and GEOL 1121L and GEOL 1122 and GEOL 1122L 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 Lecture Hours 4 Lab Hours 4 Credit Hours)

Prerequisite: GEOL 1121 and GEOL 1121L and CHEM 1211
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. CHEM 1211 may be taken concurrently.

GEOL 3024 - Igneous and Metamorphic Petrology

(2 Lecture Hours 4 Lab Hours 4 Credit Hours)

Prerequisite: GEOL 3014
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 Lecture Hours 4 Lab Hours 4 Credit Hours)

Prerequisite: GEOL 3004
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 Lecture Hours 4 Lab Hours 2 Credit Hours)

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 Lecture Hours 4 Lab Hours 3 Credit Hours)

Course will introduce students to the theory and practice of optical mineralogy and petrography; the systematic study of non-opaque rocks and minerals under the microscope.

GEOL 3053 - Sedimentary Petrology

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: GEOL 3014 and GEOL 1122 and GEOL 1122L
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 3100 - Introduction to Science Pedagogy

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

This course is the prerequisite for student assistants hired to TA the Physics, Geography, and Geology introductory lab courses. The course will start with a general training of: decorum, behavior, professionalism, grading, knowing the specifics of each lab, and how to help the students in lab. This general training will be the first two meetings of the course. The remainder of the course will be online covering selected reading/ journal articles that relate to teaching and pedagogical methods.

GEOL 3333 - Faculty-Mentored Research in Earth and Environmental Sciences

(1-3 Lecture Hours 0 Lab Hours 1-3 Credit Hours)

Prerequisites: GEOL 2333/GEOG 2333
This course is focused on helping students execute a doable research project with the help and guidance of an instructor. The student will largely be engaged in independent work that is developed and checked with the help of the instructor. Research or other work related to a student's independent project. This is a 1-3 hour course repeatable up to six hours.

GEOL 3603 - Environmental Geology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: MATH 1113 Minimum Grade: C
Specially designed to meet the needs of future teachers, students design and carry out four in-dependent 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 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: GEOL 1121 or GEOG 1113
Characteristics, classification, genesis, and evolution of major earth surface features (landforms) 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 Lecture Hours 2 Lab Hours 4 Credit Hours)

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 Lecture Hours 2 Lab Hours 4 Credit Hours)

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 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: GEOL 3004
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 Lecture Hours 2 Lab Hours 4 Credit Hours)

Prerequisite: GEOL 1121, GEOL 1121L, GEOL 1122 , GEOL 1122L , GEOL 3014 Minimum grade: C
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 Lecture Hours 2 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GEOL 1121 and GEOL 1122
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 Lecture Hours 8 Lab Hours 4 Credit Hours)

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. Course may be repeated for credit.

GEOL 4082 - Geological Problems

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 issues planning, politics, and economics and their control on management of high hazard areas, vulnerability assessments, and mitigation.

GEOL 4103 - Dinosaurs!

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4333 - Earth and Environmental Sciences Capstone

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisites: GEOL 3333/GEOG 3333
A capstone course intended for Earth and Environmental Sciences seniors. This course focuses on the final stages of the research process and the next steps in pursuing a career within the field. Areas of focus include how to effectively communicate research findings, how to discuss the relevance of these findings in both academic and civil contexts, and how to professionally present and communicate expertise and skills developed while being a student within the Earth and Environmental Sciences program. This is a writing intensive course (DSW) that will use various review and feedback options to help students hone the written and oral presentation of their research. Lastly, being a course designed for seniors who will soon be entering the job market, there will also be a discipline-specific focus on career aspirations, how to search for a job, CV preparation, and interview skills.

GEOL 4411 - Scientific Communication

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Science Communication is a one-semester, three-hour course. This course will discuss the nature of science, what it means to be scientifically literate, how to distinguish science from pseudoscience, and how to make a persuasive argument regarding a scientific topic. The course is cross-listed in Physics, Chemistry, Geography, Geology, and Biology.

GEOL 4501 - Geology Seminar

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

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

(3 Lecture Hours 2 Lab Hours 4 Credit Hours)

Prerequisite: GEOL 3024, GEOL 3034 (GEOL 3034 may be taken concurrently)
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 Lecture Hours 0 Lab Hours 3.0 - 4.0 Credit Hours)

Title and description of course to be specified at time of offering. May be repeated for credit.

Georgia Film Academy

GFA 1000 - Introduction to Film & Television Production

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

This course is the first of an 18-credit hour certificate program which provides an introduction to the skills used in on-set film production, including all forms of narrative media which utilize film-industry standard organizational structure, professional equipment and on-set procedures. In addition to the use of topical lectures, PowerPoint presentations, videos and hand-outs, the course includes demonstrations of equipment and set operations as well as hands-on learning experiences. Students will learn: film production organizational structure, job descriptions and duties in various film craft areas, names, uses and protocols related to various pieces of professional on-set film equipment. Students will also learn, through lecture and exercises, how the various film crafts relate to one-another on a working set, as well as how and why they all must operate in sync. In addition, students will learn skills related to networking and self-marketing.

GFA 1040 - Intro Film & TV Post-Prod

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

This course is the first of an 18-credit hour certification in "Film & Television Post-Production." Students will operate various professional non-linear editing (NLE) systems, with a focus on practical skills and essential knowledge of editing, including file management, footage logs, timecodes, proxies, edit decision lists (EDLs), synchronization, transitions, simple effects, basic audio mixing and file exports. Additionally, students will explore the terminology, department hierarchy, history and theory of editing and sound design through topics such as continuity style, montage, juxtaposition of images, development of sound design, and linear and flat-bed editing. Students will also develop an understanding and awareness of current post-production industry standards and workflow practices. This course is the prerequisite for ALL other GFA courses in the "Film & Television Post-Production" Certification Pathway.

GFA 1500 - Intro Dgtl Entrnmnt, Esprt & Game

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Students will become oriented with the Digital Entertainment ecosystem and job families therein, including: Game Development, Game Publishing, Tournament & League Operation, Live Production, Event Management, Broadcast Distribution, On-Air Talent, Team Organization, Sponsorship, Marketing, Content Creation, and Social Media Management. Students will learn the basic terminology across these functions and skills related to networking and self-marketing used within the digital entertainment, Esports, and game development industries. A team project allows students to design and execute a live-streamed event incorporating lessons learned during the course.

GFA 2000 - Film, Television & Digital Entertainment Internship

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Upon successful completion of GFA Course 1, the GFA Film & Television Production Internship course is a 6-hour option as part of the 18 credit hours needed for the Georgia Film Academy (GFA) Certification Program. The course is designed to provide students with a basic level of on-set film production skills, knowledge and experience with film-industry standards, organizational structure, professional equipment and on-set procedures by giving students hands-on experience on the sets and offices of working film productions and businesses. Students will also have an opportunity

to network and to build resumes in order to help market themselves with the intention of integrating into the film industry as entry-level workers. All productions will be conducted under the auspices of a professional production entity, production company studio or film business. All aspects of on-set and production office activities will be conducted at a level of professional standards common to the film industry. Particular emphasis will be placed on safety and the recognition and application of industry-standard safety practices. While some of the GFA Internship course will feature a more in-depth analysis of the various production crafts, the bulk of the course will focus on professional-level projects, on which students will have active roles in on-set and production office crafts.

GFA 2010 - Set Construction and Scenic Planning

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

This course is designed to equip students with entry-level skills and knowledge of set construction for the film and television industry. Students will participate in goal oriented class projects including reading blueprints, set safety, use of power tools, carpentry, scenic paint and sculpting. A large emphasis will be placed on set etiquette including, but not limited to, attitude, professionalism and technique on and off set.

GFA 2020 - Lighting and Electric

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

This course is designed to equip students with the skills and knowledge of electrical distribution and set lighting on a motion picture or episodic television set in order to facilitate their entry and advancement in the film business. Students will participate in goal oriented class projects including power distribution, set protocol and etiquette, properly setting lamps, department lingo, how to light a set to feature film standards, motion picture photography, etc. A large emphasis will be placed on set etiquette including, but not limited to, attitude, professionalism and technique on and off set.

GFA 2030 - Grip and Rigging

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Grip & Rigging is an introduction and orientation to the practice of rigging and supporting grip equipment, cameras, vehicles and other physical/mechanical devices. In addition to a gaining a thorough knowledge of the equipment used in grip and rigging, students will engage in on-set exercises in inventory, maintenance, set-up, trouble-shooting, teamwork, set protocol and safety.

GFA 2040 - Post Production

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

This course is designed to certify students with Avid Media Composer User Certification. This certification is recognized worldwide as the industry standard for assistant editors in feature films and broadcast television. This course will equip students with a unique skillset and knowledge of industry standard digital imaging, editorial process and story forging on both motion picture and episodic nonlinear productions. At the end of the course the students will be qualified to advance a career in entertainment post production of film and television.

GFA 2050 - Introduction to Special Makeup Effects

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

This course is designed to educate students with entry-level skills and knowledge in practical Special Effects (SFX) Makeup for the film and television industry. Students will participate in goal-oriented class projects including fabrication, material safety, using casting materials, professional make-up, sculpting, airbrushing, and design.

GFA 2060 - Production Accounting

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is designed to give students a broad understanding of Production Accounting and related production concepts. Students will learn the fundamentals of Production Accounting for the entertainment industry, including how to manage the finances on a production and maintain accurate records. This course will explain the relationship between the production accounting department, the producers, the production office and set. Practical experience will be created by the use of industry standard software.

GFA 3010 - Production Design 1

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

This course is designed to examine the process of Production Design as it relates to the film and television industry. Students will work on an assigned project and take it from concept to completion solving real-world challenges with the skills they have learned in class. Assigned projects will allow them the hands-on experience they need. A large emphasis will be placed on set etiquette, including but not limited to task completion, teamwork, attitude, professionalism, and punctuality. This class will include assigned reading from various books, web articles and periodicals. It will also include video lessons and use of Vectorworks Student Software.

GFA 3020 - Motion Picture Set Lighting 1

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

This course will equip students with the skills and knowledge of electrical distribution and set lighting on a motion picture or episodic television set in order to facilitate their entry and advancement in the film business. This course is offered in collaboration with the Georgia Film Academy. Students will participate in goal-oriented class projects including power distribution, set protocol and etiquette, properly setting lamps, department lingo, lighting a set to feature film standards, motion picture photography, and other crucial skills to work in the set lighting department. A large emphasis will be placed on set etiquette including, but not limited to, participation in exercises, attitude, professionalism, and technique on and off set. This course also introduces lighting on location, providing students with the opportunity to rig and light the most common situations a set lighting crew faces - day exteriors, day interiors, night exteriors and night interiors. In preparation for lighting a particular location, students will participate in location scouting to ascertain all resources needed - equipment, man power and time. Contingent on securing a remote location, the class will choose a script that has several scenes in one particular location, and then will light and "shoot" the various scenes. Upon completion of this course, students will be ready to enter the film industry at the feature film level as a freshman set lighting technician, having a broad base of knowledge that will allow them to integrate with the crew from the first day on set. This knowledge includes but is not limited to the equipment, techniques, communications, specifications, and a complete understanding of the behavior of light and how to manipulate/control it to feature film standards. The level of preparedness of each student will be dependent on the students' participation and effort in learning the material and using the equipment. If the student earns an A grade in this course, they can consider themselves ready to embark on a career in the set lighting department.

GFA 3030 - Motion Picture Gripping

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Prerequisite: GFA 1000
Motion Picture Gripping is an introduction to the practice of rigging and supporting grip equipment for lighting, cameras, dollies, vehicles, and other physical/mechanical devices. This course also explores the mindset required to be a safe and effective grip on a film set and will illuminate the thought processes needed to interpret artistic ideals into actionable tasks

GFA 3040 - Fund Editing w Avid Comp 100

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Prerequisites: GFA 1040
Students will participate in creative, narrative editing projects in order to demonstrate the fundamentals of post-production theory and practice. In addition, they will engage in Avid-based activities designed to increase the technical proficiency necessary to pass Avid certification exams. The course focuses on the professional work environment processes for picture editing, audio mixing, audio effects, visual effects, color correction, and digital file delivery. Technical operations are covered, including ingest, output, and media management, edit bay procedures, protocol, and best practices. Avid's curriculum will be supplemented with elemental post-production information GFA 3040 Introduction to Editing with Avid Media Composer 100 including a historical overview of the editing process and tools; current processes, procedures and terminology; project organization, digital file codecs, audio sample rate, introduction to concepts and tools of color grading, and introductory troubleshooting. Students will also develop an understanding and awareness of post-production industry standards.

GFA 3140 - Introduction to Sound Design with Avid ProTools 100

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

This course is designed to equip students with a unique skillset and knowledge of the digital audio editorial process in order to facilitate their entry and advancement in the industry of film and television post-production. Students will also have the opportunity to certify as an "Avid Certified Pro Tools User". More specifically, students will learn industry best practices for digital audio processes and workflows within a professional sound department. A large emphasis will be placed on the technical aspects of industry-standard digital audio tools; including attitude, professionalism and technique in and out of the room. Students will be given audio assignments that cannot be made up if missed.

GFA 3510 - Dig Entertnmt & ESprt Evnt Des

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Prerequisite: GFA 1500
This course focuses on the advanced study and practice of digital entertainment and Esports events production, including tournament operation and administration, event management, talent management, live broadcast (aka "streaming"), on-air personality skills, social and community management, and post-production. With an emphasis on practical application, students have the opportunity to gain experience in these roles. Students will have access to industry-standard software and equipment to gain a working familiarity with these tools, taught in a professional live digital entertainment and Esports production facility. None

GFA 3520 - Dig Entrtmnt & Esprt Creat Dev

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Prerequisite: GFA 1500
This course is designed to examine the process and techniques of professional hosting and livecasting for Digital Entertainment and Esports. Students will develop techniques for on-camera and public speaking scenarios by creating content specific to the industry. Topics will include play-by-play casting, analyst desk hosting, breath and tone control, pickups and drops, and interviewing. Additionally, students will explore the self-analysis process. Within the context of performance and broadcast theory, students will apply the appropriate style and tone for various genres of Digital Entertainment and Esports casting as they create an industry-standard demo reel.

GFA 4000 - Film, Television & Digital Entertainment Apprenticeship

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Students develop the practical skills and fundamental knowledge for entry-level job positions in professional film and television productions or esports and game development industries through hands-on experience when placed in a dedicated craft-specific apprenticeship. The apprenticeship placement will be in conjunction with the student's certification pathway: "Film & Television Production," "Film & Television Post-Production," or "Digital Entertainment, Esports & Game Development." Students document their acquired knowledge through journals and reports. The course emphasizes career development through networking opportunities, guest speakers, creation of resumes and portfolios, OSHA-certified safety training, career research, and job search techniques in required asynchronous weekly lessons that required readings, written assignments, tests, and other individual activities. Because of the compressed and sometimes unusual scheduling nature of film production and digital entertainment industries, students must have flexibility in their own schedules to be able to work on these projects. To be selected to participate in an apprenticeship, a student must commit to working, as scheduled, the full term of the project and must follow all professional standards. Students who cannot meet those standards will not be permitted to continue on the project.

GFA 4010 - Production Design II

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Students will assume key roles as crew members in completing the pre-production and production workflows within the art department. Working from assigned scripts, students complete and present concept art, mood-boards, architectural drawings, and then manage logistics of building all sets, props and effects for that production. The course begins with design concepts using predetermined scripts. Students will implement their roles as crew members of the art department and develop working relationships with other crew members, throughout the phases of production. Upon completion of the course, students will have a camera-ready and fully dressed set that GFA film classes can shoot on.

GFA 4020 - Motion Picture Set Lighting II

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Students will participate in goal-oriented class projects including lighting plots, location scouting, various stage and location sets, managing a crew, achieving proper exposure for camera settings, and aesthetic stylization. Specific focus is given to design and execution of lighting in common production scenarios. An emphasis will be placed on set etiquette including, but not limited to, participation in exercises, attitude, professionalism and technique on and off set. Students will develop a thorough understanding of the behavior of light and how to manipulate and control it to feature film standards. Students will benefit from the experience of having prepared different types of locations GFA 4020 Motion Picture Set Lighting II PAGE 2 ranging from houses to retail areas to corporate and educational areas. The course will provide the opportunity to rig and light the most common situations a set lighting crew faces - day exteriors, day interiors, night exteriors, night interiors, on stage and on location.

GFA 4040 - Professional Editing-Post Production Digital Imaging & Story Craft with Avid Media Composer 200

(3 Lecture Hours 3 Lab Hours 6 Credit Hours)

Students who successfully complete this course and pass the embedded Avid Media Composer Professional Editing 1 (MC 20)1 and Media Composer Professional Editing II (MC 210) exams will earn the industry post-production credential of Avid Certified Professional in Media Composer. With the step-by-step guidance from an Avid Certified Professional Instructor in this course, students will learn the skills needed to optimize editing workflows, streamline and ingest processes and manage media. Students will learn advanced picture editing techniques, how to quickly prepare for multi-cam editing and how to work with graphics and mattes. This course also covers compositing with the 3D Warp effect, color correction and an in-depth look at some of the wide range of audio tools and effects included in Media Composer. Focusing on real-world workflows, Media Composer Professional Editing takes students to a new

and higher level of editing, providing in-depth knowledge to distinguish as an industry-recognized, true editing professional.

German

GRMN 1001 - Elementary German I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 1001C - Elementary German I - Block

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An introduction to the German language and the culture of the German-speaking world. Be-ginning 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 1001 with a minimum grade of C or GRMN 1001C 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 1002C - Elementary German II-Block

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 1002 with a minimum grade of C or GER 102 with a minimum grade of C or GRMN 1002C 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 2001 with a minimum grade of C or GER 103 with a min. 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 2001 or GER 103
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. May be taken multiple times for credit with different content and instructor approval.

GRMN 3102 - German Composition

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 2001
Acquisition of organizational and writing skills through grammar review and expansion, vocabulary enhancement, and compositions based on contemporary and cultural topics. May be taken multiple times for credit with different content and instructor permission.

GRMN 3131 - Applied Intercultural Competencies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Grade of C or higher in GRMN 1001
This course introduces students to theories and practices of intercultural competencies. Offered in conjunction with study abroad programs, this course equips students with the comparative cultural and theoretical frameworks that will empower them to interpret their intercultural and multilingual experiences while abroad. Students will develop their knowledge of language, culture, and foundational concepts and applications of cultural competencies through the culturally contextualized case-studies of their own study abroad experiences.

GRMN 3450 - German for Careers

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 2001 or GER 103
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 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 2001
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 2001
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 2001
This course offers in 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 2001
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 2001
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, Schlondorff) to today's much more co-opted German film industry(Tykwer, Farberbock, Peterson, Kraume, and Ruzowitzsky).

GRMN 4260 - Austrian Literature and Culture

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GRMN 2001
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Taught in English. Recommended for students minoring in German, but does not count in the minor.

GRMN 4350 - Language Internship

(0 Lecture Hours 1-3 Lab Hours 1-3 Credit Hours)

Prerequisites: GRMN 1002
Through internships, this course provides students with the opportunity to gain supervised work experience in an agency or organization that is relevant to the study of language and culture. Credit hours are based on the following scale: 45 work hours per semester=1 course credit hour; 90 work hours per semester=2 credit hours; 135 work hours per semester=3 credit hours . The course can be repeated for up to 3 credit hours. It cannot be used to replace FORL 4586.

GRMN 4484 - Senior Capstone

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisites: FORL 3000
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Readings, reports, and/or directed study abroad.

GRMN 4986 - Internship in Germany

(0 Lecture Hours 1.0 - 5.0 Lab Hours 1.0 - 5.0 Credit Hours)

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. The grade is based upon the quality of the written products and on an interview with the returning student. May be repeated up to two times for a maximum of 5 hours credit.

Global Studies

GLOB 4000 - Capstone Seminar

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1.0 - 9.0 Lab Hours 1.0 - 9.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: XIDS 2301
In depth, individualized research on specific global problems and issues.

GLOB 4985 - Problems in Global Studies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: XIDS 2301
Specialized areas of analysis in a subfield of global studies with the specific titles announces in the class schedule and entered on the students' transcripts. Students may repeat the course for credit as topics change.

Health and Community Wellness

CMWL 2100 - Intro to Health and Community Wellness

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisites: Health and Community Wellness Major or Minor or Advisor Approval
This undergraduate course is an introduction to the Health and Community Wellness degree. Through this course, students will discover the many aspects of an undergraduate degree in Health and Community Wellness, including an overview of the classes required, current and future opportunities available with a degree in this field, the potential opportunities, certifications, and work experiences which students can pursue.

CMWL 2200 - Social Determinants of Health and Wellness

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course engages students in critical analyses of contemporary cultural and sociological issues and their interaction on the health and wellness (physical, social, emotional, psychological) of individuals and society as a whole. Students will actively examine contemporary societal issues from multiple vantage points in order to better understand their complexities and the impact they have on the wellbeing of all.

CMWL 3100 - Lifespan Development

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Health and Community Wellness Admission (CMWL).
This undergraduate course is a study of human growth and development from birth through aging and death. The course focuses on areas of physical, cognitive, social, personality, and emotional development as a series of progressive changes resulting from the biological being interacting with the environment. The course will study factors affecting these changes within historical, multicultural, and societal perspectives.

CMWL 3101 - Mental and Emotional Wellness

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: This course is restricted to CMWL majors.
An introduction to the role of mental and emotional health in overall well-being. Emphasis is placed on research and practice related to improving mental health and emotional well-being. In addition, barriers to improving mental health are explored at the individual, community, and societal levels. Students are expected to establish and pursue personal goals related to improving emotional health and demonstrate a thorough understanding of the relationship between mental and emotional health and the other pillars of healthful living. Students will also examine common behavioral strategies with regard to substance use and abuse and its management and the use of alternative remedies for physical, mental and emotional dependencies and addictions.

CMWL 3102 - Psychology of Health and Wellness

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CMWL majors and CMWL 3101
This course examines the psychosocial antecedents and consequences of health behaviors, with an emphasis on physical activity. This course will reinforce and extend students' knowledge of mental and emotional wellness, while examining the influence of physical activity on cognitive, mental, and emotional outcomes. Students will also learn and apply behavior change theories in various health promotion contexts, such as worksite wellness programs and health education campaigns.

CMWL 3110 - Program Evaluation in Community Settings

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CMWL majors only and CMWL 3220
This course is designed to prepare students to effectively and efficiently participate in pro-gram evaluation in community settings. Students will learn the fundamentals of program evaluation theory, ethics, design, measurement, and data analysis and outline a program evaluation proposal. Students will also examine the issues and practices in planning and conducting pro-gram evaluations in community settings. A service learning component of 5 hours is required.

CMWL 3210 - Principles of Nutrition

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Admission to Health and Community Wellness (CMWL) OR Admission to Coaching Minor (COAC) OR Admission to Nutrition Minor (NUTR)
This undergraduate course provides wellness, fitness, and health professionals with healthy eating and nutrition principles. The course aids students in understanding the role of nutrition in improving health and applying these ideas to establish healthy SMART goals and eating plans within the scope of practice. Students will review current eating habits and patterns using national dietary guidelines and nutritional assessment tools. Course topics around nutrition include fundamentals, chronic disease, needs in the lifecycle, dietary supplementation, food insecurity, sports performance, and overall wellness.

CMWL 3220 - Principles and Foundations of Health Promotion and Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Admission to Health and Community Wellness (CMWL)
This undergraduate course provides students with a comprehensive overview of the practical and theoretical skills needed to plan, implement and evaluate health promotion programs in a variety of settings. The course helps students develop a health education program, work through examples and activities for program planning application and review the essential tools for effective practices in health promotion, education and evaluation.

CMWL 3230 - Exercise Leadership

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Admission to Health and Community Wellness (CMWL)
This undergraduate course provides students with leadership skills and experience that directly apply to fitness programs. Topics include current trends in group exercise formats, exercise program design and implementation, methods of intensity monitoring, exercise risk factors, safety issues as they relate to proper alignment and technique, evaluation of existing programs and basic business practices, professional certifications and educational organizations in group fitness instruction.

CMWL 3240 - Current Issues and Trends in Fitness and Wellness Leadership

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Health and Community Wellness Admission (CMWL)
This undergraduate course will examine current issues and trends in the health, fitness, and wellness industry. Students will explore career opportunities and understand the code of conduct for professionals in the field. Students will also learn and apply leadership knowledge and skills as it relates to human resources, program promotion, budgets, and facility management in health, fitness, and wellness settings.

CMWL 3300 - Medical Terminology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Introduces the elements of medical terminology. Emphasis is placed on building familiarity with medical words through knowledge of roots, prefixes, and suffixes. Topics include origins (roots, prefixes, and suffixes), word building, abbreviations and symbols, and terminology related to human anatomy.

CMWL 3302 - Healthcare Leadership & Policy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A focus on the healthcare system in strategic planning, organizational structure, organizational performance, and organizational leadership. Emphasis will be placed on the application of best practice standards to the demands of the business environment and healthcare policy. This course prepares students to apply policy analysis tools and approaches to contemporary problems in healthcare.

CMWL 3304 - Sexual Health & Wellness

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course will explore the biological, psychological, and social influences of sexuality, wellness, and relationships. Topics covered are related to sexuality including biological sex, gender identity, orientation, behaviors, race, religion, and economics.

CMWL 3401 - Technology in Health and Community Wellness

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Admission to Health and Community Wellness (CMWL)
In this course, students will reflect on the role various forms of electronic and digital technology can play in the health and community wellness profession and how you can engage these processes with your clients. You will become skilled in using selected digital tools used common in today's health and wellness careers. In addition, you will be exposed to basic theories of communication, methods of delivery, and evaluation. Further, you will learn to determine appropriate applications of these theories and techniques in health promotion settings.

CMWL 4000 - Exercise and Wellness Programming for Special Populations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CMWL majors and PHED 4603
Issues related to the appropriation of health interventions (specific physical activity and/or exercise programs) for special populations, including, but not limited to: older adults, children, obesity, diabetes, CVD, cancer, anxiety, depression, osteoporosis, multiple sclerosis, COPD, HIV, organ transplant, PAD, arthritis and musculoskeletal injuries.

Evidence-based, advanced programming methods and population-specific considerations will be discussed. ACSM's Exercise is Medicine initiative will be a focal point for this course.

CMWL 4100 - Wellness Coaching

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite - CMWL majors and CMWL 3102
This course will introduce the skills and techniques related to guiding groups and individuals through autonomous behavior change. Students will learn and apply motivational interviewing techniques and coaching frameworks. There will also be an emphasis on cultural competence and humility to promote positive coaching relationships.

CMWL 4101 - Worksite Wellness Programs

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: This course is restricted to CMWL majors.
Applying WELCOA's Seven Benchmarks framework, students will create a workplace wellness program that measures investment value for business and industry. Students will utilize market data and assess workplace culture, environment, and demographics to craft a corporate operating plan to impact employee wellness. By exploring the evidence-based and result-oriented standards, students will be able to identify stakeholder-engaged wellness initiatives, enhance decision-making skills based on current industry outcomes to support the whole employee across the continuum of health, develop sustainable policies and practices for employee wellbeing, and communicate the findings from wellness program evaluations.

CMWL 4102 - Health and Community Wellness Internship

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CMWL majors only and CMWL 3110
Supervised pre-professional practice experience in health and wellness promotion and coaching. Students will be placed at community sites in a range of venues and will receive on-site supervision by a field supervisor as well as seminar meetings with the course instructor.

CMWL 4103 - Applied Research Methods in Health and Community Wellness

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Admission to Health & Community Wellness (CMWL)
This course introduces students to the concepts, design, implementation, and interpretation of research in health and community wellness. Students will learn to synthesize existing literature and determine gaps worth researching. Students will learn both quantitative and qualitative research methods through hands on data collection and analysis experience. The course emphasis is for students to prepare and present scholarly research projects to experts and peers in the field. Overall, students will become informed consumers of research and develop an understanding of how research can guide decision making in the field.

CMWL 4685 - Special Topics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: This course is restricted to CMWL majors.
Special topics courses in this degree program explore subject areas at the leading edge in this field. Titles and descriptions of specific courses to be inserted at time of offering. Course may be repeated for credit up to 20 times.

NUTR 3100 - Lifecycle Nutrition and Disease Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CMWL 3210
This undergraduate course provides students with knowledge about the unique nutritional needs of populations throughout their lifecycle. These populations will include infants, children, adolescents, pregnant and lactating women, and middle-aged and older adults. The course will also investigate various chronic diseases and how nutrition plays a role in prevention, treatment, and health maintenance.

NUTR 3200 - Sports Nutrition

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CMWL 3210
This course provides a basic understanding of the importance of nutrition in physical activity and sports performance. Topics will include energy metabolism during exercise, optimizing nutrient and food intake for performance, fluid balance, unique nutrient needs for sport participants and common micronutrient deficiencies, and the role and safety of nutritional supplements and ergogenic aids in physical activity.

NUTR 3300 - Nutrition-Focused Operational Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CMWL 3210
This course provides principles and practices for foodservice business operations. Students will learn the foundations of operational foodservice management including menu planning, quantity food production, procurement principles, financial management, and food safety and sanitation. Fundamentals of human resource management and leadership will also be reviewed in the course. Students will complete the coursework and certification exam for ServSafe Manager during this course. These principles will prepare students for various foodservice operational management applications and leadership roles.

NUTR 4100 - Nutrition Education and Counseling Strategies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CMWL 3210
This course provides principles and practices of nutrition education for individuals and groups, including aspects of public speaking and lesson planning. Students will learn to plan, implement, and evaluate nutrition educational materials for use in individual counseling and small groups. Counseling skills will be taught and applied in simulated situations with an emphasis placed on motivational interviewing.

NUTR 4200 - Fundamentals of Nutrition Policy: Poverty, Programs, Promotion and Practice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CMWL 3210

Students will become familiar with domestic nutrition-related policies and practices and will be able to critically analyze and discuss how policies, poverty, and promotion and marketing impact health and weight. The class will cover how science and lobbying impact nutrition policy and controversies in federal nutrition policy; the links between food and nutrition in obesity and poverty and how this connection impacts population health; the role of private industry in

nutrition policy, practice and programming; and hot topics in nutrition. A community service component will enhance student understanding of federal nutrition programs and how they impact families.

NUTR 4300 - Cultural Aspects of Food and Nutrition

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CMWL 3210
This course evaluates food and nutrition from an anthropological perspective. The course features historic and geographic roots of dietary patterns. Students examine the evolution of the human diet and explore the bio-cultural influences that shape our modern day diet. Students investigate the role culture, ethnicity, gender, economics, and religion have on food choices and eating behaviors. Students examine the nutritional benefits of ethnic foods, geographic food patterns, and nutrition-related health risks faced by various cultural groups.

History

HIST 1111 - Survey of World History/Civilization I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 pat-terns 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3319 - The Making of Modern Africa, 1820-Present

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: HIST 1111 or HIST 1112 or HIST 2111 or HIST 2112
A survey of modern Africa from the end of the Trans-Atlantic slave trade to the present.

HIST 3321 - Western Europe in Middle Ages

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The development of Medieval Latin Civilization and its impact on the development of Modern Europe.

HIST 3323 - 17th and 18th Century Europe

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A political, social, economic and cultural study of Europe in the 17th and 18th centuries.

HIST 3326 - Colonial Latin America

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

A topical analysis of Mexico, Central America, South America, and the Caribbean states since c. 1820.

HIST 3341 - Britain to 1688

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

History of American foreign policy from the Revolution to the present.

HIST 3362 - African-American History to 1865

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: HIST 2302 Methodology 3 credits
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.

HIST 4010 - Teaching Methods for History

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4101 - Professionalism in Public Prac

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112; Successful admittance into the Public History undergraduate certificate program.
This course introduces students to careers in Public History and provides training for professional practice. Students gain experience researching professional opportunities, crafting resumes, preparing for interviews, and practicing professional communication.

HIST 4209 - Greek and Roman Warfare

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4231 - The Reformation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (HIST 1111 or HIST 1112) and (HIST 2111 or HIST 2112)
The development of the Roman Catholic and Protestant religious traditions, seen within the context of 16th and 17th century Europe.

HIST 4232 - The Enlightenment

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (HIST 1111 or HIST 1112) and (HIST 2111 or HIST 2112)
An exploration of the movement that dominated intellectual and cultural developments in 18th century Europe, seen within its broader political, social, and economic context.

HIST 4235 - France Before the Revolution

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (HIST 1111 or HIST 1112) and (HIST 2111 or HIST 2112)
Traces the development of the French monarchical state from the 15th to the 18th century, when France became a dominant European power.

HIST 4250 - The First World War

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (HIST 1111 or HIST 1112) and (HIST 2111 or HIST 2112)
Examines the political, economic, social, cultural, and military history of what George Ken-nan called the seminal catastrophe of the twentieth century.

HIST 4251 - The Second World War

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: HIST 1112
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Courses on European history topics not usually offered by the department.

HIST 4301 - Latin American Women

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites:(HIST 1111 or HIST 1112) and (HIST 2111 or HIST 2112)
This class examines the lives and experiences of Latin American women through the sub-themes of sexuality, religion, labor, social movements, populism, liberalism, race, and class in order to debunk traditional misconceptions and stereotypes about Latin American women and focus on their influence and contribution to an otherwise commonly perceived male-dominated culture and society.

HIST 4302 - Introduction to Digital History

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course explores how digital techniques are altering the study of history and raising new possibilities and new challenges. This class will introduce students to the theories, practices, and technologies used in the field of digital history and digital humanities more broadly. Course will provide students with a foundational understanding and hands-on experience with different approaches and technologies for collecting, analyzing, preserving, and representing the past.

HIST 4303 - History of the Caribbean

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: (HIST 1111 or HIST 1112) and (HIST 2111 or HIST 2112)
This course is designed as an introduction to the history and civilization of the Caribbean Basin, defined as the West

Indies and the nearby coastal areas of Central and South America. It examines the contributions of Native American, African, and European peoples and cultures to the region from the fifteenth century to the present.

HIST 4310 - Comparative Slavery and Emancipation

(3 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: HIST 1111 or HIST 1112 , HIST 2111 or HIST 2112
This course takes a comparative approach to the history of trans-Atlantic slavery and emancipation as it developed in different regions and social contexts in the Atlantic World from the 15th through 19th centuries.

HIST 4385 - Special Topics in World History

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Courses on topics in world history not usually offered by the department.

HIST 4400 - Introduction to Public History

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4413 - The Atlantic World 1450-1800

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4414 - French America

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (HIST 1111 or HIST 1112) and (HIST 2111 or HIST 2112)
Explores French colonial efforts in North America and the Caribbean from the 16th to the 19th centuries, including Canada, Louisiana, and Haiti.

HIST 4417 - 19th Century Europe, 1789-1914

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (HIST 1111 or HIST 1112) and (HIST 2111 or HIST 2112). Prerequisites: 3 credits global history; 3 credits U.S. history; or permission.
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.

HIST 4418 - 20th Century Europe

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 house-hold, and law.

HIST 4424 - Apartheid and the New South Africa

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 are involved.

HIST 4465 - US Society and Culture to 1865

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 6.0 - 12.0 Lab Hours 3.0 - 6.0 Credit Hours)

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.

HIST 4505 - American Foreign Policy since 1898

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is designed as an upper division reading course in American foreign policy. This course will discuss the foreign policy process, the history of American foreign policy and its traditions since 1898, 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 understand the history and current processes of American foreign policy. The course will incorporate current events in American foreign policy, as well as historical discussion, as a means of demonstrating the academic concepts of the course in practice.

HIST 4580 - American Foodways

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: (HIST 1111 or HIST 1112) and (HIST 2111 or HIST 2112)
Food has played a consistent yet complicated role in the shaping of national histories, social relations, personal experiences, and cultures. This course explores how, by examining the various intersections between food and culture from the pre-Columbian period through the present day and across the American landscape.

Honors

HONR 2102 - Sophomore Honors Colloquium: Inquiry

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: Honors Student-HONE
This course introduces students to the process of asking big questions and pursuing those questions through literature reviews. It challenges students to make connections between their other courses in attempts to address the questions they formulate. Students will be expected to contribute to their e-portfolio.

HONR 3102 - Junior Honors Colloquium: Engagement

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: Honors Student-HONE
This course focuses on fine-tuning a research project, identifying a faculty member with whom the students can do research and putting together a proposal for an Honors College thesis. Students will design, evaluate, and implement a strategy to answer an open-ended question or achieve a desired research goal. Students will be expected to contribute to their e-portfolio.

HONR 4102 - Honors Capstone Seminar II

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: Honors Student-HONE
This course provides support for students planning a capstone project, including identifying a faculty member who will serve as the capstone mentor, establishing the scholarly context for and relevance of the project, and developing a plan for achieving the academic goals of the capstone project.

HONR 4385 - Special Topics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An in-depth examination of a topic that transcends the boundaries of the fixed curriculum. May be repeated up to 6 times. Restrictions: Honors College Standing

Interdisciplinary

ABRD 3000 - Study Abroad

(1-3 Lecture Hours 0 Lab Hours 1-3 Credit Hours)

A variable-topic examination related to a specific place and the act of studying there. This course will provide the student an opportunity to reflect on different cultures, and to acquire intercultural skills.

ABRD 3100 - Teach Abroad

(1-3 Lecture Hours 0 Lab Hours 1-3 Credit Hours)

Course is designed for students who will teach abroad in a formal or informal setting as approved by the faculty member with an emphasis on cultural differences. Title and description of course to be specified at time of offering. This may not count as a College of Education course or towards a major/minor in education unless approved by College of Education. May be repeated for credit

ABRD 3200 - Service Learning Abroad

(1-3 Lecture Hours 0 Lab Hours 1-3 Credit Hours)

The course is based on successful completion of service hours abroad. Global, community-based learning that provides service to a community outside of the U.S. The student under the supervision of a faculty member will complete a project that addresses a significant problem as identified by the host community served.

ABRD 3300 - Perform Abroad

(1-3 Lecture Hours 1-3 Lab Hours 1-3 Credit Hours)

None
Students will prepare and perform abroad. The performance might include playing a musical instrument, singing in a choir, acting as part of a theatre play, to only cite a few examples. This may not count towards a major/minor in a specific discipline unless approved by the department. A variable-focus topic examination related to the act of performing in an international setting. None

ABRD 4000 - Intern Abroad

(1-15 Lecture Hours 0 Lab Hours 1-15 Credit Hours)

An extra-curricular learning experience taking place abroad and that will require the student to complete a professional project under the supervision of a faculty mentor. A written report of the results of the project must be submitted by the end of the semester abroad.

ABRD 4001 - Contemporary Studies in Travel

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A variable-topic examination related to a specific place and the act of traveling there, associated with a UWG Study Abroad Program. Offerings might include a transhistorical study of the site as a tourist destination, the site-specific economics of tourism and travel, or a study of food pathways specific to the site.

ABRD 4002 - Contemporary Studies in/of Place

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Catalog Course Description: A variable-topic examination in a specific place as the context for and/or a product of human, social, and/or biophysical processes and features, associated with a UWG Study Abroad Program. Offerings might include a study of artistic styles and traditions that emerged there, architectural forms exhibited in the built environment, geological and hydrological processes shaping the area's topography, communication practices and media consumption, or a comparison of everyday politics in that place and the student's home.

ABRD 4985 - Research Abroad

(1-15 Lecture Hours 0 Lab Hours 1-15 Credit Hours)

Students will conduct research abroad under the supervision of a faculty mentor and will learn to carry out advanced research as well as proper methods related to literature search, record keeping, and report writing while being in an international setting. Each student will work on a unique research project to be selected by the faculty mentor and the student. Both a formal oral and written report of the results of the research must be presented to a larger audience (such as faculty and peers, if not a professional audience) either while abroad or upon return at UWG.

HONR 4103 - Honors Capstone Seminar II

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisites: HONR 4102
This course provides support for students working on an Honors College project, including implementing the plan developed in HONR 4102, honing relevant academic skills, understanding and meeting professional expectations, and presenting project outcomes.

PERS 2004 - Personal and Professional Development and Leadership

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

This course integrates foundational concepts from individual and organizational behavior and leadership theories to provide students with a comprehensive understanding of the principles for personal and professional success. It aims to develop students' essential skills to demonstrate the ability to think critically and solve problems typically encountered in professional settings. Students will investigate key aspects of professionalism including time-management, communicating with diverse audiences, and working collaboratively. In addition, students will explore the expectations of working in a digitally connected society, the art of networking and interpersonal relationships, and the ethics of leadership within professional and community contexts. Opportunities for students to apply these principles will be provided via real-world scenarios and collaborative exercises, solidifying connections between academic theory and professional practice. By the end of the course, students will have gained a nuanced understanding of the factors that influence organizational success, equipping them with the skills and knowledge necessary for future personal and professional success.

XIDS 1101 - First-Year Seminar

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

XIDS 1101 is a course designed to help students get excited about learning at West Georgia. It is our hope that this course helps you succeed academically as well as personally and socially during this semester and beyond. The fundamental focus of the class is to provide an understanding of the basic structure of critical thinking and of academic disciplines in order to increase learning in the university classroom. Students are required to attend class and to interact with their instructors and classmates. While students must take responsibility for their own learning, the course attempts to support and enhance that responsibility by making the class a learning community within the University.

XIDS 2000 - Intro Interdisciplinary Studies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Provides a foundation for interdisciplinary learning and practice and a basic introduction to the field of interdisciplinary studies.

XIDS 2001 - What do you really know about: XXX (Special Topics)

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

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: xx (Special Topics)

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2202 - Environmental Studies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3000 - Interdisciplinary Methods

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: XIDS 2000
Systematic engagement with the interdisciplinary research process.

XIDS 3200 - History and Philosophy of Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4000 - Interdisciplinary Capstone

(1.0 - 3.0 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

A topic-specific, variable credit course for students who have earned 90 or more hours toward a Bachelor's degree. The course is 1-3 credit hours and repeatable up to 6 credit hours

XIDS 4100 - Writing Across the Curriculum

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: EX X 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 4186 - Internship

(0 Lecture Hours 0 Lab Hours 1-3 Credit Hours)

Offers students an opportunity to apply knowledge and skills to practical, concrete, unscripted problems, to gain pre-professional experiences outside of the classroom, to explore career interests, and to develop a social network.

XIDS 4300 - Mock Court

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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.

XIDS 4985 - Special Topics in Interdisciplinary Studies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: XIDS 3000
An interdisciplinary approach to a specialized, timely, or advanced topic. May be repeated once under a different topic.

Integrated Science

ISCI 2001 - Life and Earth Science

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 3 Credit Hours)

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.

Introductory Education

EDUC 2110 - Investigating Critical and Contemporary Issues in Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is designed to equip future teachers with the fundamental knowledge of under-standing culture and teaching children from diverse backgrounds. A field component totaling 10 hours is required.

EDUC 2130 - Exploring Learning and Teaching

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Future educators will understand how opportunities, access, and engagement intersect to contribute to P-12 student success. Educators will explore key aspects of learning and teaching, reflect on their own learning processes and those of others, and apply their knowledge to equitably meet diverse learning needs of P-12 students in a variety of educational settings and contexts. A field component totaling 10 hours is required.

Library Instruction

LIBR 2100 - Information Literacy and Research

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

This course is an introduction to information literacy and scholarly discourse: the ability to find, evaluate, and ethically use information both in- and outside of the classroom. Students will examine how they currently use information and critically reflect on how that information is shaped by political, cultural, and social forces.

Management

MGNT 3400 - Introduction to Project Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Project Management has become critical to the effective and efficient implementation of tasks across diverse industries. From the design, planning, implementation, and completion, this course helps students understand the tools and techniques necessary to properly manage project. Students will participate in "hands-on" examples design to help them understand the foundations of project management.

MGNT 3405 - Event Planning and Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

In this course, you will learn the building blocks of hosting and managing safe, effective events. This course covers topics such as planning, risk management, site selection, contracts, marketing, and budgeting of various event types.

MGNT 3600 - Principles of Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: BUSA 2106 and GPA 2.00
This course is designed to help students understand the major functions and skills required by managers. Emphasis is placed on management's role in planning, organizing, leading, and controlling organizational resources.

MGNT 3602 - Business Law

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3603 - The Creative Startup

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3600
A study of innovation and creativity in the context of an entrepreneurial organization. The course will include an analysis of the search process for new products and services and an overview of creating a start-up organization designed to build business models that deliver customer value.

MGNT 3605 - Organizational Behavior

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3611 - Leadership

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3600
This course is designed to provide an introduction to leadership by focusing on what it means to be a good leader. The course will examine such topics as: the nature of leadership, recognizing leadership traits, developing leadership skills, creating a vision, setting the correct tone, handling conflict, overcoming obstacles, and ethical leadership. Students will examine how they can cultivate and improve their own leadership effectiveness.

MGNT 3615 - Operations Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 - Becoming an Entrepreneur

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3600 and MKTG 3803
An introductory course for individuals to learn more about establishing and managing small businesses.

MGNT 3621 - Introduction to Design Thinking

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Design Thinking is a problem-solving tool widely embraced by industries, non-profits and educational institutions worldwide. In this course students will learn the five stages of Design Thinking; Empathy, Framing a Problem, Ideation, Proto-Type and Testing. In this course students will work on relevant, social, business, and cultural topics by identifying and defining problems. Based on the problem students will create meaningful solutions using a process of inquiry and action.

MGNT 3625 - Contemporary Issues in Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3633 - Research Methods for Managers

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CISM 2201 and (MATH 1401 or ECON 3402)
This course is designed to introduce students to basic approaches for conducting research in a business environment. A special emphasis is placed on research methods and tactics that are applicable to enhancing management practice, organizational effectiveness, and organizational survival. Students will be introduced to various pathways to knowledge, research method design, data collection, data analysis, reporting of research results, the peer review process, and applied research.

MGNT 3635 - Small Business Survival Skills

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3600
This course focuses on skills required by entrepreneurs as they transform a small business into a large, professionally managed organization. This course examines finding new funding sources, identifying new customers, examining mergers and acquisitions, and formulating strategies to take the next steps in expanding a business.

MGNT 3640 - Lean Six Sigma

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3615
This course introduces the fundamental Lean Six Sigma principles that support modern continuous improvement in organizations. Lean Six Sigma is focused on the creation of value through the relentless elimination of waste. Lean Six Sigma's basic principles have been applied to a wide range of organizations to improve quality, productivity, customer satisfaction and financial performance.

MGNT 3645 - Sustainability and CSR

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Sustainability and Corporate Social Responsibility (CSR) are broad concepts in organizations that suggest firms should not only be driven by profits, but also by the purpose of benefiting society. CSR is about sustainable wealth creation that involves an organization's many stakeholders. Because it involves many different - and even competing interests - CSR is concerned with wide areas in the interface between business and society

MGNT 4330 - Enterprise Architecture

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 4310
An introduction to the theoretical and practical issues related to Enterprise Architecture (EA). EA is the organizing structure for business processes and IT infrastructure. Top performing organizations know how to design their business processes and IT infrastructure for success of their current operations, and the most successful companies know how to expand their EA to enable innovation and to seize a competitive advantage for the future. This course will introduce students to EA concepts and will equip students with design thinking tools and knowledge needed to extend an organization's EA. Specific emphasis will be placed on using SAP enterprise systems design tools. Same as CISM 4330.

MGNT 4355 - Cyber Security

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 3330 (Minimum Grade C)
Business and government are facing a rapidly expanding need for information security professionals. This course surveys important skills in information security program design, networking and application security, the development of information security safeguards and information security auditing, disaster recovery, policy development, identity management, and effective threat assessment. Same as CISM 4355. May only be taken by Management majors when it is cross-listed.

MGNT 4610 - Logistics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3615
This course examines the systematic approaches to coordinating the flow of raw material, work-in-process, finished goods, and supplies through manufacturing systems. Topics include production planning, master scheduling, material requirements planning, capacity management, production activity control, and physical distribution.

MGNT 4615 - Supply Chain Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3615
This course examines the systematic approaches to managing all activities involved in moving materials, products, services, and information from point of origin to point of use. Emphasis is placed on transportation systems, inventory analysis and management, and warehouse management.

MGNT 4616 - Project Management Applications

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3400
This course builds on the Introduction to Project Management course. It introduces more advanced topics in the area of project management. Additionally, students will utilize software to work on more advanced project management applications.

MGNT 4620 - Human Resource Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3600
This course examines the concepts and practices used by human resource managers to attract, develop, and retain an effective workforce.

MGNT 4621 - Human Resource Applications and Analytics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 4620 may be taken concurrently
This course introduces students to basic concepts in human resource analytics and allows students to apply human resource practices to situations that professionals face on a routine basis.

MGNT 4625 - International Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3600
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 student's skills and strategies for dealing with issues related to women and work. Same as SOCI 4103.

MGNT 4630 - Negotiation and Conflict Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: BUSA 2106
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: FINC 3511 and MGNT 3600 and MKTG 3803 and ECON 3402 and ACCT 2101 and ACCT 2102 and BUSA 2106 and CISM 2201 and ECON 2105 and ECON 2106
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 Lecture Hours 4 Lab Hours 3 Credit Hours)

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 - Employee Total Rewards

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: MGNT 3600 and MGNT 4620 (may be taken concurrently)

This course will teach economic concepts and legislative requirements related to compensating employees. Students will learn the concepts and procedures for developing and administering an effective Total Rewards program.

MGNT 4682 - Special Problems in Management

(1.0 - 3.0 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

In-depth supervised, individual study of one or more current problems of a business organization.

MGNT 4684 - Management Study Abroad

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: MGNT 3600 or consent from the department chair and instructor
This course examines the differences and similarities between cultural and business practices of the United States and another country. Students participate through assigned readings, lectures, group discussion, and a week-long travel experience.

MGNT 4686 - Business Internship (Management)

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Practical managerial internship experience with a commercial firm or organization for selected junior or senior students. (Students will be given a written agreement specifying course credit hours and grading system to be used.)

Management Information Systems

CISM 2201 - Foundations of Spreadsheet Analysis

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

This course is designed to accomplish three primary goals: (1) Introduce you to basic and intermediate concepts in Excel, (2) Provide you with skills designed to make you more successful in the RCOB, and (3) Give you an introduction to the different majors in the RCOB.

CISM 3330 - Management of Information Systems

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: 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 3335 - Business Programming and Web Design

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3340 - Database Design and Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 3335 with a minimum grade of C.
Application of development tools and languages (e.g., DBMS, Visual Basic, etc.) for business problem solving in a database environment.

CISM 3470 - Fundamentals of Information Security

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 3330 (C or better)
This course introduces fundamental concepts related to information security. Terminology associated with information security is introduced and basic vulnerabilities associated with keeping information secure are examined. The importance of managerial oversight is discussed. Finally, basic security controls, available technologies, and risk mitigation strategies are considered.

CISM 3625 - Contemporary Issues in MIS

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course deals with contemporary topics in the area of Management Information Systems. The title and description of the course will be specified at the time of offering.

CISM 4310 - Systems Analysis and Design

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 3330 with a minimum grade of C.
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 - Introduction to Enterprise Software

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 3330 with a minimum grade of C
An introduction to the theoretical and practical issues related to Enterprise Architecture (EA). EA is the organizing structure for business processes and IT infrastructure. Top performing organizations know how to design their business processes and IT infrastructure for success of their current operations, and the most successful companies know how to expand their EA to enable innovation and to seize a competitive advantage for the future. This course will introduce students to EA concepts and will equip students with design thinking tools and knowledge needed to extend an organization's EA. Specific emphasis will be placed on using SAP enterprise systems design tools. Same as MGNT 4330 .

CISM 4333 - Introduction to Networking

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 3330 (Minimum Grade C)
This course is designed to introduce the student to IoT and networking technology applications, including the OSI model, network topologies, IP addressing, IPX addressing, subnet masks, routing theory, switching terminology, router

configuration, and switch configuration. Topics include IoT applications, basic functions of the seven layers of the OSI model, different classes of IP addressing and subnetting, router setup, routing protocol setup, VLANS, switching technology, and emerging trends in IoT and networking. WAN technologies and network design theory are also covered.

CISM 4350 - Enterprise Simulation and Analytics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 3340 and CISM 4330
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.

CISM 4355 - Fundamentals of Cybersecurity

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 4333
Business and government are facing a rapidly expanding need for information security professionals. This course surveys important skills in information security program design, networking and application security, the development of information security safeguards and information security auditing, disaster recovery, policy development, identity management, and effective threat assessment. This course is only for MIS majors.

CISM 4382 - Special Problems in Management Information Systems

(1.0 - 3.0 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

In-depth, supervised, individual study of one or more current problems of a business organization.

CISM 4384 - MIS Study Abroad

(2 Lecture Hours 1 Lab Hours 3 Credit Hours)

This course examines the differences and similarities between cultural and business practices of the United States and another country. Students participate through assigned readings, lectures, group discussion, and a week-long travel experience.

CISM 4386 - Business Internship (Management Information Systems)

(0 Lecture Hours 1.0 - 6.0 Lab Hours 1.0 - 6.0 Credit Hours)

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 - Business Intelligence and Data Mining

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ECON 3402
This course introduces students to the fundamental concepts of business intelligence and several data mining software tools that enable organizations to strive for business intelligence.

CISM 4470 - Cyberwarfare, Cybercrime, and Digital Forensics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 3470
This course examines three major disciplines in information security: Cyberwarfare, Cybercrime, and Digital Forensics, covering cybersecurity policies and legal and ethical issues. Although each area of study is worthy of its own focus, this course introduces students to the major approaches, concepts, and skills needed to understand the study of each.

CISM 4500 - Advanced Networking: Switching, Routing, and Wireless

(3 Lecture Hours N/A Lab Hours 3 Credit Hours)

Prerequisites: CISM 3350
Advanced Networking: Switching, Routing, and Wireless Essentials will advance your knowledge of the operation of routers and switches in small networks. It will introduce you to wireless local area networks (WLANs) and network security concepts. By the end of this course you will be able to configure advanced functionality in routers and switches. You will also be able to perform basic troubleshooting of these components. Using security best practices, you will troubleshoot and resolve common protocol issues in both IPv4 and IPv6 networks.

CISM 4600 - Advanced Enterprise Networking, Security, and Automation

(3 Lecture Hours N/A Lab Hours 3 Credit Hours)

Prerequisites: CISM 4500
This course describes the architectures and considerations related to designing, securing, operating, and troubleshooting enterprise networks. This course covers wide area network (WAN) technologies and quality of service (QoS) mechanisms used for secure remote access along with the introduction of software-defined networking, virtualization, and automation concepts that support the digitalization of networks. Students gain skills to configure and troubleshoot enterprise networks, and learn to identify and protect against cybersecurity threats. They are introduced to network management tools and learn key concepts of software-defined networking, including controller-based architectures and how application programming interfaces (APIs) enable network automation. By the end of this course, students will have gained practical, hands-on experience preparing them for the CCNA certification exam and career- ready skills for associate-level roles in the Information & Communication Technologies (ICT) industry.

Marketing

MKTG 3801 - Professional Selling

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: GPA2 2.00 and COBM 1
This course examines the role of professional selling in business and introduces students to theories and practices to achieve success in today's dynamic environment. Particular emphasis is placed on consultative sales approaches, constructive negotiation methods, and effective selling techniques. Practical exercises and experiential applications engage students and provide methods and tools to help them succeed in a variety of sales situations.

MKTG 3803 - Principles of Marketing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CISM 2201 and (ECON 3402 or MATH 1401)
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 in the Digital Age

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803
The integrative role of advertising in persuasive communication in business and related fields. Includes strategies for organizing, developing, implementing, and evaluating effective media decisions in the digital age.

MKTG 3810 - Social Media and Online Marketing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803
Emphasis on planning, staffing, organizing and controlling for profitable retail merchandising and store operation.

MKTG 3845 - AI Essentials for Business

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803
This course explores the rapid adoption of generative AI tools in business, that have helped streamline business processes and decision-making. With a focus on AI applications for marketing, management, finance, statistics, and professional development, this course will provide students with the necessary knowledge and skills to navigate the applications and ethical considerations related to AI. Students will recognize the potential of AI for responsible business growth.

MKTG 4805 - Sales Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4815 - Digital Marketing Strategy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803
Companies are increasingly shifting marketing efforts from traditional media to digital media such as search engine optimization, online advertising, e-mail and social media marketing. It is important for marketing managers to understand these technologies and develop strategies for their effective use. This course is designed to provide students an introduction to digital marketing strategy. Students will also have an opportunity to earn a digital marketing certificate from a professional organization.

MKTG 4818 - Business Web Design

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803
The purpose of this course is to provide an introduction to web design. Students will learn concepts related to planning and developing websites by studying web usability, multimedia, and web 2.0 applications for business and education websites. (Same as ABED 4118).

MKTG 4823 - Logistics and Supply Chain Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803
Logistics and Supply Chain Management 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.

MKTG 4825 - Fashion Marketing & Merchandising

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803
This course will involve a comprehensive study of the fashion industry along with essential marketing and economic principles that impact all businesses. Students will examine the use of technology throughout the industry, especially analytics, marketing technologies, online marketing strategies, social media platforms, and retail merchandising that are critical to fashion industry success.

MKTG 4831 - Business-to-Business Marketing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803 or MKT 303 and (GPA2 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803 and (GPA2 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803 or MKT 303 and (GPA2 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803 or MKT 303 and (GPA2 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 4868 - Marketing Metrics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 3803
The Marketing Metrics Course will provide students with a methodology to measure and track marketing performance. The course has three primary objectives: Learn and understand key marketing metrics; Employ Microsoft Excel to analyze a firm's marketing performance through marketing metrics; Use the resulting analyses to make optimal marketing decisions.

MKTG 4870 - Marketing Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MKTG 4864 and MKTG 3803 and (MKTG 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

In-depth supervised individual study of one or more current marketing problems in a business organization.

MKTG 4885 - Special Topics in Marketing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The study of selected contemporary marketing topics of interest to faculty and students.

MKTG 4886 - Marketing Internship

(0 Lecture Hours 3 Lab Hours 3 Credit Hours)

Practical marketing related experience with a previously approved business firm for selected junior or senior students.

Mass Communications

COMM 1100 - Human Communication

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A broad approach to oral communication skills including intrapersonal, interpersonal, small group, and public speaking.

COMM 1110 - Public Speaking

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 2 Credit Hours)

Instruction and practice in competitive debate. Emphasis on skills necessary for intercollegiate debate, including research and strategy. Debate team membership is not prerequisite, but the focus is exclusively college debate.

COMM 1121 - Experiential Learning Lab

(0 Lecture Hours 1-12 Lab Hours 1-6 Credit Hours)

Comm 1121 is a variable-credit, pass/fail, and repeatable class designed to give students hands-on, supervised, media experience within the School of Communication, Film, and Media's Experiential Learning Labs. By participating in multiple learning activities, students will become habituated with the co-curricular, experiential learning opportunities within the School of Communication, Film, and Media that can grow to provide students with further, in-discipline student-employment, and that will help them grow into even better-prepared professionals.

COMM 1154 - Introduction to Mass Communications

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2254 - Media Ethics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2256 - Film Form and Aesthetics

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154
A survey course designed to introduce film production students to the formal elements of film with the aim of creating scholar-practitioners able to intentionally employ the historical, aesthetic, and technical principles of film within their own creative work.

COMM 2285 - Special Topics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C and COMM 1154 with a minimum grade of C and COMM 2254

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 3200 - Rhetorical Theory and Analysis

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1110 Minimum Grade: C or COMM 1100 Minimum Grade: C
The course is designed to provide students with an understanding of rhetoric in the context of social influence. In addition to identifying key concepts of rhetorical analysis, the course includes evaluation of communicative strategies and tactics of social justice movements. The course also examines the ways in which technological developments - the channels of communication - have altered rhetorical messages, as well as their effectiveness in influencing public opinion and achieving institutional change.

COMM 3301 - Fundamentals of Newswriting

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C
Students will learn what journalists do, how they do it, and how to do it themselves. The course investigates procedural, legal and ethical ramifications of newsgathering, introducing feature style methods and instructing students how to write news briefs and inverted pyramid stories for publication using AP style.

COMM 3302 - Writing Across Media

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C
This foundational writing course explores writing for various media platforms and how it fits into an integrated and strategic communication plan. Students learn practical and foundational techniques used in producing ethical traditional, social, and digital media written content that promotes audience engagement and education, with a strong emphasis on adherence to journalism standards and Associated Press Style.

COMM 3303 - Layout and Design

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: 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 3305 - Short-Form Screenwriting & Analysis

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C
This is a writing workshop where students will investigate various storytelling styles, structures and techniques, and implement these analyses in the development of stories written for the screen. Students will also engage with marketing and promotional texts within the field. Course restricted Film & Video Production (3808) AND Mass Communications (3800) Students.

COMM 3310 - Persuasion and Social Influence

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3320 - Communicating in Groups

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1110 Minimum Grade: C or COMM 1100 Minimum Grade: C
This course will teach students to more effectively communicate in small group settings, understand the dynamics involved in group discussions, and to learn and apply group communication theories.

COMM 3330 - Advanced Communication Skills

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 such as effective speaking, listening, negotiation, conflict management, presentation, and media interviewing.

COMM 3340 - Interpersonal Communication

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1110 Minimum Grade: C or COMM 1100 Minimum Grade: C
This theory-driven course will analyze verbal and nonverbal communication in person-to-person relationships, paying special attention to the stages of relationship development and dissolution, conflict management strategies, identity development, and the role of power and perception.

COMM 3350 - Digital Media Industries

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C
Examination of contemporary industry and social issues facing digital media industries. Particular attention given to analysis of structure and process, revenue sources, programming and services, audience research, and effects of traditional electronic media platforms (e.g., radio and television) and digital media platforms (e.g., streaming services, social media).

COMM 3351 - Radio & Audio Production

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C
This course is an introduction to radio and audio technology as well as radio program and audio production techniques through lecture and laboratory experiences. Students will learn how to operate basic radio and audio equipment and develop basic radio and audio production skills by producing several projects.

COMM 3352 - Fundamentals of Television Production

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 3353 - Fundamentals of Film & Video Production

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C
Fundamental techniques in producing, scripting, shooting, directing and editing film and video projects, with an emphasis on single camera narrative production for independent distribution. Course restricted Film & Video Production (3808) AND Mass Communications (3800) Students.

COMM 3354 - Digital Social Media & Society

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 - Digital Media Programming & Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C and COMM 1154 with a minimum grade of C and COMM 3350 or COMM 3354
Expounds upon principles discussed in COMM 3350-Digital Media Industries and COMM 3354-Digital Social Media & Society, and offers an in-depth examination of the historical, legal, and professional practices involved in programming and managing digital 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, streaming services, and online media. Moreover, management issues and programming terminology, strategies, and economics will be discussed. Course restricted Film & Video Production (3808) AND Mass Communications (3800) Students.

COMM 3356 - Film and Culture

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3360 - Communicating across Cultures

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1110 Minimum Grade: C or COMM 1100 Minimum Grade: C
This course will analyze the communication process in intercultural contexts, including self-awareness of our intersecting cultural identities, listening, verbal and nonverbal styles across cultures, culture shock, and communication values in intercultural dialogue.

COMM 3366 - The Business of Film

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154 with a minimum grade of C
This course will provide students with an understanding of how films, from blockbusters to micro-budgets, are developed, financed, marketed and distributed both inside and outside established circuits of audiovisual trade. Course restricted Film & Video Production (3808) AND Mass Communications (3800) Students.

COMM 4200 - Communication and Gender

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1110 Minimum Grade: C or COMM 1100 Minimum Grade: C
This course will survey the role of gender in various communication contexts: relationships, organizations, educational institutions, and mass media. Consideration will be given to the social construction of categories of gender, race, sexuality, and class and how they have changed over time.

COMM 4210 - Communication and Conflict

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1110 Minimum Grade: C or COMM 1100 Minimum Grade: C
This course will examine communication principles that address how to manage conflicts productively in interpersonal and organizational contexts. Consideration will be given to the role that goals, power, and conflict management styles play in conflict interactions, as well as the potential for third-party interventions.

COMM 4220 - Health Communication in Interpersonal Contexts

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1110 Minimum Grade: C or COMM 1100 Minimum Grade: C
This course will introduce students to health communication theory, research, and practice in interpersonal and organizational health communication contexts, exploring topics such as patient-provider communication, the influence of cultural beliefs on health, and communication in healthcare organizations.

COMM 4221 - Health Communication Campaigns

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1110 Minimum Grade: C or COMM 1100 Minimum Grade: C and ENGL 1102 Minimum Grade: C
This course will introduce students to the basic theories and principles of health messaging design and delivery with the goal of improving health outcomes by changing people's beliefs and behaviors. The course will prepare students to use health communication theories to understand affected communities, develop and deliver targeted persuasive health messages, and evaluate messaging effectiveness.

COMM 4305 - Intermediate Short-form Screenwriting

(2 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1154 Minimum Grade: C and ENGL 1102 Minimum Grade: C and COMM 3305 and COMM 3353 Minimum Grade: C
This is an intermediate-level workshop on writing for the screen where students will explore elaborations on the various story-telling styles, structures and techniques learned in COMM 3305, Short-Form Screenwriting and Analysis.

COMM 4402 - Feature Writing

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 feature writing techniques for arts and entertainment coverage, sports coverage, personality profiles, reviews and long-form journalism with an emphasis on AP style.

COMM 4403 - Photojournalism

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

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 4405 - Sound Design

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C and (COMM 3351 with a minimum grade of C or COMM 3352 with a minimum grade of C or COMM 3353 with a minimum grade of C)
This workshop-based skills course explores the communicative uses of sound in audiovisual media, with an emphasis on early and deliberate decision-making about what listeners hear. A number of technically driven creative skills

projects are supported by an examination of the history of sound recording practices, the origins and development of the field of sound design, and critical listening and viewing exercises. Course restricted Film & Video Production (3808) AND Mass Communications (3800) Students.

COMM 4406 - Cinematography

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C and (COMM 3352 with a minimum grade of C or COMM 3353 with a minimum grade of C)
This workshop-based skills course explores the communicative potential of the moving image. Students will analyze and practice deliberate strategies of image making to produce intended effects for viewers. Through critical viewing and analysis, reading, skills exercises and a number of technically driven creative projects, students will develop the expressive resources of the moving image for a broad use in audiovisual media. Course restricted Film & Video Production (3808) AND Mass Communications (3800) Students.

COMM 4407 - Film & Video Editing

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C and (COMM 3352 with a minimum grade of C or COMM 3353 with a minimum grade of C)
Students will work with the various aspects of film and video editing, synthesizing technology, creative storytelling, visual effects, motion graphics and sound editing, along with digital distribution formats and strategies. Course restricted Film & Video Production (3808) AND Mass Communications (3800) Students.

COMM 4408 - Producing for Film & Video

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C and COMM 3353 with a minimum grade of C
From the discovery of creative content to the technical demands of the position, students will learn the ins and outs of producing in every phase of production, from development to distribution. Course restricted Film & Video Production (3808) AND Mass Communications (3800) Students.

COMM 4409 - Directing for Film & Video Production

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C and COMM 3353 with a minimum grade of C
Students will build the vocabulary, conceptual framework, and practical skills necessary for directing audio-visual works. These include the ability to analyze and discuss shot progression, camera movement, and on-screen performance, as well as developing a deeper understanding of production practices and cinema as a visual language. Course restricted Film & Video Production (3808) AND Mass Communications (3800) Students.

COMM 4413 - Public Relations Cases

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: COMM 3301 or 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 6.0 credits hours may be applied to the Mass Communications major.

COMM 4421P - Practicum: Bluestone Public Relations Firm

(1 Lecture Hours 4 Lab Hours 3 Credit Hours)

Prerequisite: COMM 4451 and COMM 3313 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

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 6.0 credit hours may be applied to the Mass Communications major.

COMM 4421R - Practicum - WOLF Radio

(0 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: COMM 3351 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C
Practical experience with WOLF Radio primarily includes editing, management, on-air experience, producing, programming, promotions, production, and remotes across traditional and emerging digital media platforms. Repeatable; Maximum of 6.0 credit hours may be applied to the Mass Communications major.

COMM 4421T - Practicum - WUTV

(0 Lecture Hours 2.0 - 6.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: ENGL 1102 with a minimum grade of C and COMM 1154 with a minimum grade of C and COMM 3352 with a minimum grade of C

Practical experience with the campus television station, WUTV, 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 6.0 credit hours may be applied to the Mass Communications major.

COMM 4425 - Documentary Production Practices

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C and COMM 1154 with a minimum grade of C and COMM 3353 with a minimum grade of C
Part film production workshop and part study in film history and aesthetics - this skills-based class explores through action the methods, strategies, tools, and processes of non-fiction film communication.

COMM 4426 - Fiction Film Production

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C and COMM 1154 with a minimum grade of C and COMM 3305 and COMM 3353 and COMM 4405 or COMM 4406 or COMM 4407 or COMM 4408 or COMM 4409
Students will form the crew that will handle all aspects of production in this industry modeled film production workshop. This hands-on production experience will cover the art and craft of producing works of fiction for visual media, including project development, set etiquette, crew hierarchy, set safety, on-screen blocking, staging, and teamwork.

COMM 4444 - Public Relations Campaigns

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: COMM 4413 and COMM 4414 and 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 - Advanced Media Writing and Reporting

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: COMM 3352 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C
Practice in writing for electronic media and digital platforms according to the styles, techniques, and formats that integrate audio video, photo and text. Particular attention is given to news judgement as well as aesthetic, ethical and legal issues. Ability to shoot and edit field video is required.

COMM 4451 - Public Relations Writing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: COMM 3302 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 & Video Production

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1102 with a minimum grade of C and COMM 1154 with a minimum grade of C and COMM 3353 with a minimum grade of C, and COMM 4405 or COMM 4406 or COMM 4407 or COMM 4408 or COMM 4409
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. This course is restricted to Seniors.

COMM 4455 - Contemporary Issues in Mass Communications

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4456 - Digital Content Creation

(2 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1102 Minimum Grade: C and COMM 1154 Minimum Grade: C
With an emphasis on storytelling, this course uses a variety of the Adobe Creative Suite programs as a means of understanding how to create content that will stand out in the existing digital marketplace. In addition, fundamental theoretical principles specific to various "modes" of content (images, audio, video) are covered in depth.

COMM 4457 - Global Media

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1154 Minimum Grade: C and ENGL 1102 Minimum Grade: C
This course is designed to enhance understanding of diverse national media systems and information flows around the world. It examines the concept of globalization and changing media dynamics led by technological development.

COMM 4481 - Independent Study

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102 with a minimum grade of C and COMM 1154 with a minimum grade of C. Additional Prerequisites: Major; Junior or Senior; minimum of nine credit hours of COMM 3000-4000 level courses and Major GPA of 2.5 or above and Permission of Instructor required.
A hands-on, supervised, media field experience to apply and test knowledge and skills, and to network with professionals. Internship must be approved by internship coordinator. To be approved, internship must offer experiential learning in Digital Media & Entertainment, Film & Video Production, Journalism, and/or Public Relations; require majors to intern 45 hours for each credit hour enrolled or 135 hours if enrolled 3 credit hours; assign interns an immediate supervisor who has academic credentials and/or professional experience in the discipline.

COMM 4600 - Communication Theory

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: COMM 1110 Minimum Grade: C or COMM 1100 Minimum Grade: C
This course will explore a variety of theoretical approaches to human communication from multiple paradigms of thought, including selected theories of language, interpersonal communication, small group interaction, organizational communication, intercultural communication, race, gender, and persuasion.

Mathematics

MATH 0996 - Support - Elementary Statistics

(2 Lecture Hours 0 Lab Hours 1 Credit Hours)

This Learning Support course provides corequisite support for students enrolled in MATH - Elementary Statistics. Topics will parallel topics being studied in MATH 1401 and the course will provide support for the essential skills needed to be successful in MATH 1401. Taken with MATH 1401, topics to be covered will include descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistics topics. Corequisites: MATH 1401

MATH 0997 - Support for Quantitative Reasoning

(2 Lecture Hours 0 Lab Hours 1-3 Credit Hours)

This Learning Support course is intended to provide corequisite support for students requiring remediation in mathematics while they are enrolled in MATH 1001 - Quantitative Reasoning. Topics will parallel topics being studied in MATH 1001 as well as the essential quantitative skills needed to be successful in MATH 1001. Taken with MATH 1001, topics to be covered will include logic, basic probability, data analysis and modeling from data. Corequisites: MATH 1001

MATH 0999 - Support for College Algebra

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: MATH 1001 or MATH 1101 with a grade of C or higher, or high school GPA of 3.0 or higher, or ACT MATH score of 14 or higher or MATH SAT score of 340 or higher
This Learning Support course is intended to provide corequisite support for students requiring remediation in mathematics while they are enrolled in MATH 1111 - College Algebra. Topics will parallel topics being studied in MATH 1111 as well as the essential quantitative skills needed to be successful in MATH 1111. Taken with MATH 1111, this course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions. Corequisites: MATH 1111

MATH 1001 - Quantitative Skills and Reasoning

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 1001L - Quantitative Reasoning Lab

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

This lab is intended to provide co-requisite support for students requiring assistance in mathematics while they are enrolled in MATH 1001 - Quantitative Reasoning. Topics will parallel topics being studied in MATH 1001 as well as the essential quantitative skills needed to be successful in MATH 1001. Taken with MATH 1001, topics to be covered will include logic, basic probability, data analysis and modeling from data.

MATH 1101 - Introduction to Mathematical Modeling

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: LSM1 score of 3 OR MATH 1001 grade of D OR MAT 150 grade of D OR MATH 1101 grade of D OR MATH 1113 grade of D OR MATH 1634 grade of D OR MAT 151 grade of D OR MAT 262 grade of D OR MATH 1401 grade of D
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-wide 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 1111L - College Algebra Lab

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: MATH 1001 with a minimum grade of C OR MATH 1101 with a minimum grade of C OR ACT Mathematics score of 14 or higher OR "old" SAT Mathematics score of 340 or higher or "new" SAT Mathematics score of 19 or higher.
This lab is intended to provide co-requisite support for students requiring assistance in mathematics while they are enrolled in MATH 1111 - College Algebra. Topics will parallel topics being studied in MATH 1111 as well as the essential quantitative skills needed to be successful in MATH 1111. Taken with MATH 1111, this course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions. Corequisite: MATH 1111

MATH 1112 - College Trigonometry

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 1111 with a minimum grade of C
This course is an in-depth study of the properties of trigonometric functions and their inverses. Topics include circular functions, special angles, solutions of triangles, trigonometric identities and equations, graphs of trigonometric functions, inverse trigonometric functions and their graphs, Law of Sines, Law of Cosines, and vectors.

MATH 1113 - Precalculus

(3.0 - 4.0 Lecture Hours 0 Lab Hours 3.0 - 4.0 Credit Hours)

Prerequisite: MATH 1111 or S02 500 or A02 20. Prerequisites: MATH 1101 - Introduction to Mathematical Modeling or MATH 1111 - College Algebra.
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. For more information on this institution's eCore courses, please see http://www.westga.edu/ecore/

MATH 1401 - Elementary Statistics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: LSM1 score of 3 OR MATH 1001 grade of D
This is a non-calculus based introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics.

MATH 1413 - Survey of Calculus

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: ECOR C or ECCG C and MATH 1113 with a minimum grade of C and MATH 1113. Prerequisites: MATH 1113 - Precalculus or its equivalent.
Topics to include functions, limits, continuity, the derivative, antidifferentiation, 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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: MATH 1112 with a minimum grade of C or MATH 1113 with a minimum grade of C or MATH 1634 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 2644 - Calculus II

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 2644 with a minimum grade of C or MATH 2853 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3203 - Mathematical Probability

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3243 - Advanced Calculus

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 3003 with a minimum grade of C

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 2853 and MATH 3003 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and MATH 2008 with a minimum grade of C or MATH 1634
(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 3805 - Functions & Modeling

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 1634 and MATH 2853
This is a mathematics course designed to address the unique needs of future teachers of mathematics. It is required of

UTEACH math majors and also counts toward their mathematics degree. In the course, students engage in explorations and lab activities designed to strengthen and expand their knowledge of the topics found in secondary mathematics. Course is restricted to UTEACH students.

MATH 3825 - Research Methods

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: MATH 1113 Minimum Grade: C
Specially designed to meet the needs of future teachers, students design and carry out four in-dependent inquiries, which they write up and present in the manner that is common in the scientific community. Course is restricted to UTEACH students.

MATH 3873 - Statistical Programming

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 1401 OR MATH 3203 OR MATH 3063 OR MATH 4213 OR DATA 1501 OR ECON 3402 OR CRIM 4003 OR PSYC 2003 OR SABH 4003 OR SOCI 4003
This course helps develop programming skills necessary for statistical analysis and data science. Students will learn the basic syntax and functions of the programming language, data organization and visualization, programming, as well as how to use existing packages of the language. Case studies in applied statistics, data science, or machine learning will be discussed.

MATH 4003 - Dynamical Systems

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 2853 and MATH 3003 with a minimum grade of C
An in-depth study of selected topics in number theory.

MATH 4103 - Operations Research

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 4203 with a minimum grade of C
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 maxi-mum likelihood are discussed along with properties such as unbiasedness, efficiency, sufficiency and consistency of estimators.

MATH 4233 - College Geometry

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 3003 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 3003 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 3003 with a minimum grade of C
An introduction to combinatorics. Topics include the pigeonhole principle, combinations, per-mutations, distributions, generating functions, recurrence relations, and inclusion-exclusion.

MATH 4483 - Graph Theory

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 3003 with a minimum grade of C

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 2853 and MATH 3003 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 3003 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and MATH 2008 with a minimum grade of C or MATH 1634
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 2008 and Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MATH 2008 and Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102. Prerequisite: Completion of core-level mathematics, ENGL 1102 or consent of instructor. 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.

MATH 4863 - Algebra for P-8 Teachers II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4873 - Advanced Data Analytics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: MATH 3203 and MATH 3873
This course introduces computation-intensive statistical approaches and modern machine learning methods. Topics include: 1. R-computing and programming (intermediate to advanced) 2. Rmarkdown 3. Data scraping and text mining 4. Random number simulations 5. Bootstrapping 6. Optimization 7. Regression 8. Analysis of Variance 9. Classification, Clustering 10. Network data analysis

MATH 4885 - Special Topics in Applied Statistics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Dependent upon course title.
This course will be taught from a variety of statistical topics such as statistical quality control, applied time series, game theory, etc.

MATH 4983 - Senior Project

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Senior standing as a mathematics major.
A faculty-directed independent research project culminating in the writing of a paper and an oral presentation of the results of the project.

MATH 4985 - Special Topics in Mathematics

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Courses in selected areas upon demand. Titles will be specified at time of offering.

MATH 4986 - Internship

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Senior Standing as a Mathematics Major or permission of the department
A hands-on supervised field experience in mathematics or statistics. Students will create and present a comprehensive portfolio documenting the field experience. This course may be repeated for a total of 6 hours. Grading is S/U.

Media and Instructional Technology

MEDT 2401 - Introduction to Instructional Technology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2501 - Multiple Literacies for Ed.

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course provides an overview of the information, media, and digital literacies that are essential to student success and civic engagement. It is designed to enable potential educators to begin to develop proficiency in computer and other technology applications and skills with an emphasis on the ethical and legal use of information. Candidates will engage with synchronous and asynchronous distance learning methods. A field component totaling 10 hours is required.

MEDT 3401 - Integrating Technology into the Curriculum

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Teacher Education (TE) or Admission to Speech-Language Pathology (SLPA)
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.

MEDT 3402 - Integrating Technology into the Curriculum

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

An overview of how technology can play a role in the teaching and learning process; including digital citizenship, digital learning experiences, and assessment. In addition, aspects related to digital learning activities, assistive technology for students with mild disabilities, and implications of cultural/linguistic diversity for language, technology, and educational programs.

Middle Grades Education

MGED 4261 - Methods for Integrating Language Arts and Social Studies

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation

required
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 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher
Education program and College of Education field experience documentation required 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 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 program required.

MGED 4265L - Instructional Design and Classroom Management in Middle School Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
This course consists of the field experience that accompanies MGED 4265. Must be taken concurrently with MGED 4265.

MGED 4271 - Middle Grades Curriculum

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 18 Lab Hours 9 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
Students will be in a full-time, supervised and directed classroom setting.

MGED 4288 - Teaching Internship II

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required. Prerequisites: Admission to Teacher Education program; application for field experience required prior to enrollment.
Students will be in a full-time, supervised and directed classroom setting. Must be taken concurrently with MGED 4289.

MGED 4289 - Internship Seminar

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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.

Music

MUSC 1000 - Comprehensive Music Laboratory

(0 Lecture Hours 0 Lab Hours 0 Credit Hours)

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 Lecture Hours 1 Lab Hours 3 Credit Hours)

A listener's guide to music through recordings and/or live performances and other media. Meets Core Area C Humanities and Fine Arts requirements.

MUSC 1110 - Survey of World Music

(2 Lecture Hours 1 Lab Hours 2 Credit Hours)

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 Lecture Hours 1 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 1 Lab Hours 1 Credit Hours)

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 Lecture Hours 0 Lab Hours 2 Credit Hours)

A pre-theory course focusing on the study of the common elements of music (i.e.: melody, harmony, rhythm, timbre, texture, form, and expressive qualities) and their interaction, and the ability to employ this understanding in aural, verbal, and visual analyses. Includes an introduction to the keyboard and use of the singing voice. Uses the tools of music technology. Course intended for non-music majors or for those students who are not prepared to enroll in MUSC 1301 and/or MUSC 1401.

MUSC 1301 - Music Theory I

(3 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Bachelor of Music Program or Music Minor, or ability to read traditional music notation and permission of the Department Chair
An initial study of music fundamentals, theory, literature, score reading, and STB part writing. Students complete assignments by using traditional methods and by using the tools of music technology.

MUSC 1302 - Music Theory II

(3 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 1301 and MUSC 1401
Continuation of MUSC 1301 to seventh chords and secondary dominant chords, chromatic harmony (augmented and Neapolitan sixth chords) through ninth, eleventh, and thirteenth chords. Students complete assignments by using traditional methods and by using the tools of music technology.

MUSC 1401 - Aural Skills I

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Bachelor of Music Program or Music Minor, or ability to read traditional music notation and permission of the Department Chair
Laboratory for development of music literacy, sight-singing diatonic melodies, executing basic rhythmic patterns, and training the ear to hear major and minor tonalities. Includes orientation to technology laboratory.

MUSC 1402 - Aural Skills II

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: MUSC 1401
Continuation of MUSC 1401, including sight-singing major and minor melodies development of rhythm skills and training the ear to hear functional harmonic progressions. Introduction to sight-singing chromatic melodies, further development of rhythm skills, and training the ear to hear chromatic harmonic progressions. Students complete assignments by using traditional methods and by using the tools of music technology. MUSC 1302 must be taken concurrently.

MUSC 1501 - Keyboard Skills I

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Bachelor of Music Program or Music Minor
Beginning keyboard study for music majors. Fundamentals and development of technical and functional skills, including keyboard theory and technique, music reading, sight reading, harmonization, transposition, and improvisation. Corequisite: MUSC 1301 May be exempted by departmental examination.

MUSC 1502 - Keyboard Skills II

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: MUSC 1501
Continuation of MUSC 1501. Fundamentals and development of technical and functional skills, including keyboard theory and technique, music reading, sight reading, harmonization, transposition, and improvisation with more emphasis on keyboard theory, including major scales and four-part harmony, sight reading, transposition, improvisation, harmonization, and repertoire. Introduction to chord progressions using secondary chords in major and minor keys, accompaniment styles, and improvisation. Corequisite: MUSC 1302 May be exempted by departmental exam.

MUSC 2301 - Music Theory III

(3 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 1302
Continuation of MUSC 1302. Review of tonal tertian harmony: introduction to musical forms and analytic techniques of Baroque and Classical music. Students complete assignments by using traditional methods and by using the tools of music technology.

MUSC 2302 - Music Theory IV

(3 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 2301
Continuation of MUSC 2301. Forms and analytic techniques of Romantic and Impressionist music. Introduction to styles, forms, and analytic techniques of twentieth-century music, including serial, jazz, and electronic. Students complete assignments by using traditional methods and by using the tools of music technology.

MUSC 2311 - Introduction to Jazz Skills

(0 Lecture Hours 2 Lab Hours 2 Credit Hours)

Prerequisites: MUSC 1302 , MUSC 1402 , and MUSC 1502 ; or permission of instructor
This course offers an introductory study of a group of skills fundamental to jazz improvisation and arranging. It focuses on spelling harmonies, understanding how they function in standard song forms, learning to elaborate them into melodies, and learning how to express those melodies in idiomatic rhythms.

MUSC 2401 - Aural Skills III

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: MUSC 2301

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 2402 - Aural Skills IV

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: MUSC 2401
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 2501 - Keyboard Skills III

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: MUSC 1302 and MUSC 1502.
Continuation of MUSC 1502 with emphasis on more difficult repertoire, reading four-part harmony, chord progressions using secondary chords in major and minor keys, various types of seventh chords, diatonic triads in major and minor keys, accompaniment styles, improvisation, and repertoire. May be exempted by departmental exam.

MUSC 2502 - Keyboard Skills IV

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: MUSC 2501
Continuation of MUSC 2501 with emphasis on modal, chromatic, and whole-tone scales, sight reading accompaniments of vocal and instrumental solos, transposition, improvisation, and repertoire including patriotic songs. Passing this course satisfies the departmental keyboard proficiency requirements. May be exempted by departmental exam.

MUSC 2600A - Applied: Piano

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600B - Applied: Organ

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600C - Applied: Voice

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600D - Applied: Strings

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600E - Applied: Guitar

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600F - Applied: Flute

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600G - Applied: Oboe

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, 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.

MUSC 2600I - Applied: Clarinet

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600J - Applied: Bassoon

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600K - Applied: Saxophone

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600L - Applied: Horn

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600M - Applied: Trumpet

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal Instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600N - Applied: Trombone

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600O - Applied: Euphonium

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2600P - Applied: Tuba

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours credit--one 25-minute lesson per week per credit hour.

MUSC 2600Q - Applied: Percussion

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisite: Admission to Music degree program or music minor
Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2610A - Non-Music-Major Applied: Piano

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610B - Non-Music-Major Applied: Organ

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610C - Non-Music-Major Applied: Voice

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610D - Non-Music-Major Applied: Strings

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610E - Non-Music-Major Applied: Guitar

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610F - Non-Music-Major Applied: Flute

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610G - Non-Music-Major Applied: Oboe

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610I - Non-Music-Major Applied: Clarinet

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610J - Non-Music-Major Applied: Bassoon

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610K - Non-Music-Major Applied: Saxophone

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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 form the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 2610L - Non-Music-Major Applied: Horn

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610M - Non-Music-Major Applied: Trumpet

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610N - Non-Music-Major Applied: Trombone

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610O - Non-Music-Major Applied: Euphonium

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610P - Non-Music-Major Applied: Tuba

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2610Q - Non-Music-Major Applied: Percussion

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 2700 - Wind Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

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. Prerequisite: Technical Proficiency or successful audition

MUSC 2710 - Symphony Band

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Technical Proficiency or successful audition
The study and performance of wind band literature from original, transcribed, contemporary, and diverse cultural

sources. Includes on-campus and sometimes off-campus performances. Open to music-major and non-music major students.

MUSC 2720 - Marching Band

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Technical Proficiency or successful audition
The study and performance of musical and visual programs for marching band. Includes the presentation of performances for home football games and for selected out-of-town games and exhibitions. Pre-season band camp required. Open to music-major and non-music-major students.

MUSC 2730 - Jazz Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Technical Proficiency or successful audition
The study and performance of literature composed for jazz ensembles from original, transcribed, contemporary and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music major students.

MUSC 2740 - Chamber Winds

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Technical Proficiency or successful audition
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 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Technical Proficiency or successful audition
The study and performance of choral literature from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open to music-major and non-music major students.

MUSC 2760 - Chamber Singers

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Technical Proficiency or successful audition
The study and performance of literature composed for vocal chamber ensembles from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music major students.

MUSC 2770 - Opera Workshop

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Technical Proficiency or successful audition

The study and performance of operatic literature from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music major students.

MUSC 2800A - Small Ensemble: Keyboard Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800B - Small Ensemble: Collegium Musicum

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800C - Small Ensemble: Guitar Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800D - Small Ensemble: Flute Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800E - Small Ensemble: Clarinet Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800F - Small Ensemble: Saxophone Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor

The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800G - Small Ensemble: Woodwind Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800I - Small Ensemble: Horn Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800J - Small Ensemble: Trumpet Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800K - Small Ensemble: Trombone Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800L - Small Ensemble: Tuba / Euphonium Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800M - Small Ensemble: Brass Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800N - Small Ensemble: Percussion Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800O - Small Ensemble: Jazz Combo

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800P - Small Ensemble: Basketball Band

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 2800Q - Small Ensemble: Mixed Chamber Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: Permission of instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 3000 - Music for Classroom Teachers

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 3100 - Wellness and Musicians

(2 Lecture Hours 1 Lab Hours 3 Credit Hours)

An introduction to the role of mental and emotional health in the overall well-being of musicians. Concepts of wellness in existing literature about wellness and music will be examined, including identification of biological, psychological, and social factors of wellness and research about and practice of improving wellness in musicians. Barriers to improving wellness among musicians at the individual, community, and societal levels will be explored, especially in relationship to music as a discipline, profession, and pastime. Students will establish and pursue personal-professional goals related to wellness and exhibit understanding of the relationship between wellness and musical practice.

MUSC 3601 - Woodwind Techniques and Materials

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Music Major or Minor or permission of the Instructor
Principles, fundamentals, and techniques of playing and teaching flute, oboe, clarinet, bassoon, and saxophone. Includes a survey of instructional materials and literature for woodwind instruments.

MUSC 3602 - Brass Techniques and Materials

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Music Major or Minor or permission of the Instructor
Principles, fundamentals, and techniques of playing and teaching trumpet, horn, trombone, euphonium, and tuba. Includes a survey of instructional materials and literature for brass instruments.

MUSC 3603 - Percussion Techniques and Materials

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Music Major or Minor or permission of the Instructor
Principles, fundamentals, and techniques of playing and teaching tuned and untuned percussion instruments. Includes a survey of instructional materials and literature for percussion instruments.

MUSC 3604 - String Techniques and Materials

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Music Major or Minor or permission of the Instructor
Principles, fundamentals, and techniques of playing and teaching violin, viola, violoncello, double bass, and guitar. Includes a survey of instructional materials and literature for string instruments.

MUSC 3605 - Voice Techniques and Materials

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: MUSC 1401 Prerequisite: Music Major or Minor
Principles, fundamentals, pedagogy, and techniques for singing. Includes a survey of instructional materials and literature for voice.

MUSC 3606 - Principles of Diction

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: MUSC 1402

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 1800

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 1301 and MUSC 1401. Prerequisite: Music Major or Minor or the ability to read musical scores and the permission of the instructor.
A writing-intensive survey of selected musical styles, composers and genres, 800-1800. Students must have completed ENGL 1102 or equivalent. They should be music majors or minors or be able to demonstrate aural skills, music theoretical knowledge, and fluent score reading expected of those that have completed MUSC 1301 and MUSC 1401.

MUSC 3702 - Western Music After 1825 and World Music

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 1301 and MUSC 1401. Prerequisite: Music major or minor or the ability to read musical scores and the permission of the instructor
A writing-intensive survey of selected musical styles, composers, and genres of American and European art music 1800-present and of non-Western music. Students must have completed ENGL 1102 or equivalent. They should be music majors or minors or be able to demonstrate the aural skills, music theoretical knowledge, and fluent score reading expected of those who have completed MUSC 1301 and MUSC 1401.

MUSC 3850 - Conducting

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: MUSC 2302, MUSC 2402, MUSC 2502 and passing the MUSC 2600: Applied Music level-change jury examination
A study of the fundamentals of conducting instrumental and choral ensembles including baton techniques, interpretation leadership, score analysis, and repertoire. Students have the opportunity to conduct small and large ensembles.

MUSC 3860 - Advanced Conducting

(2 Lecture Hours 1 Lab Hours 2 Credit Hours)

Prerequisites: MUSC 3850
This course deals with advanced conducting skills, score study, and rehearsal techniques for instrumental and/or choral ensembles. Topics may include baton and hand technique, physical gestures, nonverbal communication, score study, and repertoire.

MUSC 3900 - Music in Elementary Schools

(3 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 2302 and MUSC 2402 and MUSC 2502. Prerequisite: College of Education field experience documentation required
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 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 3900 Prerequisite: College of Education field experience documentation required
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 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 3850 and admission to Teacher Education program
Principles, procedures, techniques, literature, tools, methods, and materials used in teaching choral music. Includes a field-experience component. Corequisite: MUSC 4750

MUSC 4021 - Instrumental Methods and Materials

(3 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 3850 Prerequisite: Admission to Teacher Education program
Principles, procedures, techniques, literature, tools, methods, and materials used in teaching instrumental music. Includes a field-experience component.

MUSC 4040 - Principles and Methods of Music Learning and Teaching

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 3900 and MUSC 4011 or MUSC 4021. Prerequisite: Passage or exemption of GACE Program Admission Assessment.
Research-based teaching and learning principles, methods, and materials for the music class-room. Includes content lesson design for students of diverse needs, level-appropriate learner engagement, alignment of assessment and goals, and professional practices. Includes a field experience component.

MUSC 4150 - Vocal Pedagogy and Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Passing the MUSC 2600: Applied Music level-change jury examination
The study of the methodology of teaching voice and a survey of standard vocal literature.

MUSC 4160 - Instrumental Pedagogy and Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Passing the MUSC 2600: Applied Music level-change jury examination
The study of instrumental teaching methods and materials and a survey of standard literature for selected band and orchestra instruments.

MUSC 4171 - Keyboard Literature Before 1825

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Passing the MUSC 2600: Applied Music level-change jury examination
A survey of standard keyboard literature before 1825.

MUSC 4172 - Keyboard Literature After 1825

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: MUSC 2302 and MUSC 2402 and MUSC 2502.
A survey of standard keyboard literature after 1825.

MUSC 4175 - Collaborative Keyboard Skills I

(1 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: MUSC 2302, MUSC 2402, MUSC 2502 and passing the MUSC 2600: Applied Music level-change jury examination, or permission of the instructor.
The study of ensemble techniques, score preparation, rehearsal skills, coaching techniques and performance strategies for performing standard instrumental literature. Sight reading is emphasized and students participate in an on-campus accompanying practicum.

MUSC 4181 - Piano Pedagogy I

(2 Lecture Hours 1 Lab Hours 2 Credit Hours)

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 Lecture Hours 1 Lab Hours 2 Credit Hours)

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 Lecture Hours 1 Lab Hours 2 Credit Hours)

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 Lecture Hours 1 Lab Hours 2 Credit Hours)

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 Lecture Hours 14 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 4011 or MUSC 4021.
Teaching one semester in the public schools under the supervision of an experienced, qualified classroom teacher on the level of and in the field of intended certification. A seminar is scheduled as an integral part of the student-teaching sequence. Meeting times and places are scheduled by the individual university supervisors (S, U or I grades).

MUSC 4187 - Teaching Internship

(0 Lecture Hours 14 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 4011 or MUSC 4021.
Teaching one semester in the public schools under the supervision of an experienced, qualified classroom teacher on the level of and in the field of intended certification. A seminar is scheduled as an integral part of the student - teaching sequence. Meeting times and places are scheduled by the individual university supervisors (S, U or I grades).

MUSC 4188 - Teaching Internship

(0 Lecture Hours 14 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 4011 or MUSC 4021.
Teaching one semester in the public schools under the supervision of an experienced, qualified classroom teacher on the level of and in the field of intended certification. A seminar is scheduled as an integral part of the student - teaching sequence. Meeting times and places are scheduled by the individual university supervisors (S, U or I grades).

MUSC 4200 - Orchestration and Arranging

(2 Lecture Hours 1 Lab Hours 2 Credit Hours)

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 4230 - Technology in Music Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This fully-on-line course deals with new technology research, trends and usage in terms of music education. Topics include creative uses of technology within the classroom, recording/notation/performance applications, applications available on mobile devices, applications used in distance learning environments, and research trends.

MUSC 4240 - Form and Analysis

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

The history and styles of jazz from its origins to fusion.

MUSC 4311 - Applied Jazz Composition and Arranging

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: MUSC 2311
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. The class meets for fifty minutes, once per week. (Language changed to indicate class instruction rather than one-on-one lesson format.) 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 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: MUSC 2311
Development of jazz improvisation skills on an instrument or voice through lecture, demonstration, listening, writing, and performing. Students complete assignments by using traditional methods and by using the tools of music technology. The class meets for fifty minutes, once per week. (Language changed to indicate class instruction rather than one-on-one lesson format.)

MUSC 4410 - Applied Composition

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Prerequisites: Admission to the Bachelor of Music in composition or permission of the Department Chair
Compositional techniques taught in a combination of group and individual sessions. Students complete composition projects by using traditional methods and by using the current tools of music technology.

MUSC 4500 - Accompanying

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: MUSC 2502.
Principles, problems, and techniques of accompanying music for opera, theatre, and the concert stage.

MUSC 4600A - Applied: Piano

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.

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 form 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.

MUSC 4600B - Applied: Organ

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: MUSC 4941. Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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 - Applied: Voice

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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 - Applied: Strings

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: MUSC 4941. Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600E - Applied: Guitar

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: MUSC 4941. Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600F - Applied: Flute

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600G - Applied: Oboe

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600I - Applied: Clarinet

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600J - Applied: Bassoon

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600K - Applied: Saxophone

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600L - Applied: Horn

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600M - Applied: Trumpet

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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 form 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.

MUSC 4600N - Applied: Trombone

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600O - Applied: Euphonium

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600P - Applied: Tuba

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4600Q - Applied: Percussion

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: Passing the MUSC 2600: Applied Music level-change exam and admission to the Bachelor of Music in performance are prerequisites for three hours of credit.
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.

MUSC 4610A - Secondary Applied: Piano

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610B - Secondary Applied: Organ

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610C - Secondary Applied: Voice

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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 form the standard literature. All courses are repeatable for one or two hours of credit--one 25-minute lesson per week per credit hour.

MUSC 4610D - Secondary Applied: Strings

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610E - Secondary Applied: Guitar

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610F - Secondary Applied: Flute

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

Private lessons for undergraduate music majors on a secondary instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements or 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.

MUSC 4610G - Secondary Applied: Oboe

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610I - Secondary Applied: Clarinet

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610J - Secondary Applied: Bassoon

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610K - Secondary Applied: Saxophone

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610L - Secondary Applied: Horn

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610M - Secondary Applied: Trumpet

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610N - Secondary Applied: Trombone

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610O - Secondary Applied: Euphonium

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610P - Secondary Applied: Tuba

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4610Q - Secondary Applied: Percussion

(0 Lecture Hours 1.0 - 2.0 Lab Hours 1.0 - 2.0 Credit Hours)

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.

MUSC 4644 - Half Composition Recital

(0 Lecture Hours 2 Lab Hours 2 Credit Hours)

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 their original compositions.

MUSC 4700 - Wind Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Technical proficiency and successful audition
The study and performance of wind band literature from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music- major students.

MUSC 4710 - Symphony Band

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Technical proficiency and successful audition
The study and performance of wind band literature from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open to music-major and non-music-major students.

MUSC 4720 - Marching Band

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Technical proficiency and successful audition
The study and performance of musical and visual programs for marching band. Includes the presentation of performances for home football games and for selected out-of-town games and exhibitions. Pre-season band camp required. Open to music-major and non-music-major students.

MUSC 4730 - Jazz Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Technical proficiency and successful audition
The study and performance of literature composed for jazz ensembles from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.

MUSC 4740 - Chamber Winds

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Technical proficiency and successful audition
The study and performance of literature composed for chamber winds and wind/percussion ensembles from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.

MUSC 4750 - Concert Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Technical proficiency and successful audition
The study and performance of choral literature from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open to music-major and non-music-major students.

MUSC 4760 - Chamber Singers

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Technical proficiency and successful audition
The study and performance of literature composed for vocal chamber ensembles from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.

MUSC 4770 - Opera Workshop

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Technical proficiency and successful audition
The study and performance of operatic literature from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.

MUSC 4800A - Small Ensemble: Keyboard Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800B - Small Ensemble: Collegium Musicum

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800C - Small Ensemble: Guitar Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800D - Small Ensemble: Flute Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800E - Small Ensemble: Clarinet Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800F - Small Ensemble: Saxophone Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800G - Small Ensemble: Woodwind Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800I - Small Ensemble: Horn Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800J - Small Ensemble: Trumpet Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800K - Small Ensemble: Trombone Choir

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800L - Small Ensemble: Tuba/ Euphonium Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800M - Small Ensemble: Brass Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800N - Small Ensemble: Percussion Ensemble

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800O - Small Ensemble: Jazz Combo

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800P - Small Ensemble: Basketball Band

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.

MUSC 4800Q - Small Ensemble: Mixed Chamber Ensemble

(0 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisites: Permission of the instructor
The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music major and non-music major students.

MUSC 4865 - Music Business Internship

(0 Lecture Hours 1.0 - 9.0 Lab Hours 3.0 - 9.0 Credit Hours)

Practical marketing and management internship experience with a business organization for selected junior and senior students.

MUSC 4890 - Marching Band Techniques

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 2 Lab Hours 0 Credit Hours)

Prerequisite: Passing the MUSC 2600: Applied Music level-change jury examination and permission of principal applied instructor
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 Lecture Hours 3 Lab Hours 0 Credit Hours)

Prerequisite: Passing the MUSC 2600: Applied Music level-change jury examination and permission of principal applied instructor
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 Lecture Hours 2 Lab Hours 2 Credit Hours)

Prerequisite: Passing the MUSC 2600: Applied Music level-change exam and permission of Applied Jazz Composition and Arranging instructor
Preparation and presentation of a Jazz Recital. The undergraduate performance major with an emphasis in Jazz Studies will perform a recital of 20-30 minutes of jazz compositions and improvisations on the principal-applied instrument, including original compositions written in Applied Jazz Composition and Arranging. Must be performed before a public audience.

MUSC 4944 - Half Composition Recital

(0 Lecture Hours 2 Lab Hours 2 Credit Hours)

Prerequisite: Permission of the Applied Composition instructor
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 their original compositions. Concurrent with the second semester of MUSC 4410 - Applied Composition

MUSC 4945 - Full Composition Recital

(0 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: MUSC 4944. Prerequisite: Permission of the Applied Composition instructor

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 their original compositions. Concurrent with the final semester of MUSC 4410 - Applied Composition

MUSC 4981 - Directed Independent Study

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: Junior or Senior standing and permission of the Department Chair and Instructor
A study conducted by the student independently with the supervision and guidance of the instructor. Title and description of topic to be specified at time of offering.

MUSC 4983 - Music Research Project

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: Junior or Senior standing and permission of the Department Chair and Instructor
A music research project conducted by the student independently with the supervision and guidance of the instructor. Title and description of topic to be specified at time of offering.

MUSC 4985 - Special Topics in Music

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: Junior or Senior standing and permission of the Department Chair and Instructor
A special topic course offering. Title and description of topic to be specified at time of offering.

Nursing

NURS 2101 - Pathophysiology and Pharmacology I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. Admission to the BSN program required.

NURS 2102 - Pathophysiology and Pharmacology II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1.0 - 6.0 Lab Hours 1.0 - 6.0 Credit Hours)

In-depth, individual study of a specific nursing subject.

NURS 3000 - Holistic Health Assessment

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

This course prepares the student to holistically assess the general health of persons, identifying findings outside the range of acceptable parameters. Basic assessment skills are emphasized within a quality caring framework to prepare students to deliver safe and person-centered care. Corequisites: NURS 3101

NURS 3100 - Pathophysiology & Pharmacology II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3101 - Professional Nursing Concept I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. Corequisites: NURS 3000

NURS 3102 - Professional Nursing Concepts II

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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. Corequisite: score of 850 or higher on the HESI Pharmacology Spec Exam OR NURS 3300

NURS 3197 - Professional Nursing Practice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to RN-BSN program BSN2
This course is designed to enhance and facilitate the development of the RN student to the role of a BSN prepared professional nurse. The focus is on developing personal and professional growth to promote better advocacy, critical thinking educator skills, effective communication, and leadership abilities in a complex healthcare environment. Course concepts includes concepts from historical contributions and theories that have guided the profession, to promoting professional philosophies, visions, and practice to help prepare for future trends in healthcare. Topics relate to culture and diversity, professional ethics, political and legal issues in nursing, and technology. Students will apply eidence-based practice, and caring science to course topics Corequisites: NURS 4502, NURS 4500

NURS 3200 - Student Success Seminar

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: admission to the pre-licensure nursing program
This seminar offers personalized remediation based on the individual score achieved on the Fundamentals, Pharmacology, or Medical-Surgical HESI specialty exam administered throughout the nursing program. Coaching related to student success in the nursing program and taking the NCLEX-RN licensure exam will also be included. This includes test-taking skills, study skills, and time management skills. Corequisite: NURS 3202

NURS 3201 - Health Care of the Client I

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisites: NURS 3000 and NURS 3210
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 bio-physical, social, and psychological functions, and health, wellness, and illness. Corequisites: NURS 2101 and NURS 3301

NURS 3202 - Health Care of the Client II

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: NURS 2101 , 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. Corequisite: NURS 3100 , NURS 3302 , and score of 850 or higher on the HESI Fundamentals Spec Exam OR NURS 3200

NURS 3210 - Medication Mathematics

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisites: Admission to the Prelicensure BSN program (BSN1 code)
The course will assess the ability of the student to deliver safe medication by showing competency in medication calculation using algebra to solve word problems. Basic math concepts such as conversions, rounding, whole numbers vs. fractions and decimals, and determining drip factors and drip rates will all be an integral part of this course. None

NURS 3297 - Nursing Research Application

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: NURS 4500 and NURS 3197 and NURS 4502
This course is designed to provide the registered nurse with an overview of the major research concepts as applied to the profession of nursing, to scholarship, and to clinical practice. Analysis, critique, and interpretation of qualitative and quantitative research approaches, including ethical implications, for evidence-based nursing practice will be examined. Emphasis is placed on how to critique, analyze, and apply published and empirical research findings to evidence-based nursing practice. Corequisites: NURS 4503 and NURS 4505

NURS 3300 - Student Success Seminar

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisites: admission to the pre-licensure nursing program
This seminar offers personalized remediation based on the individual score achieved on the Fundamentals, Pharmacology, or Medical-Surgical HESI specialty exam administered throughout the nursing program. Coaching related to student success in the nursing program and taking the NCLEX-RN licensure exam will also be included. This includes test-taking skills, study skills, and time management skills. Corequisites: NURS 3102 OR NURS 4201

NURS 3301 - Clinical Practice I

(0 Lecture Hours 12 Lab Hours 6 Credit Hours)

Prerequisites: NURS 3000 and NURS 3210
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. Corequisites: NURS 2101 , NURS 3201

NURS 3302 - Clinical Practice II

(0 Lecture Hours 12 Lab Hours 6 Credit Hours)

Prerequisite: NURS 2101, 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. Corequisites: NURS 3100 and NURS 3202

NURS 3303 - Competency-Based Clinical Performance

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: NURS 3102 and NURS 3202 and NURS 3302.
This course will focus on the demonstration of knowledge and skills learned in the pre-requisite 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 3397 - Health Assessment

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: NURS 4500 and NURS 3197, NURS 4502, NURS 4503, NURS 3297, NURS 4505
This course is a study of the advanced knowledge and skills beyond the Associate's degree in Nursing., designed to enhance health assessment for nursing practice in the care of individuals across the lifespan. Theory and skills essential to completing a comprehensive and holistic health history and physical examination are emphasized. In addition, the holistic delivery of care will include cultural, spiritual, nutritional, alternative, complementary therapies, and health promotion for the delivery of safe and person-centered care. The importance of comprehensive and accurate documentation as a tool for effective communication amongst the interdisciplinary team is reviewed. Corequisite: NURS 4497

NURS 3400 - Nursing Research and Evidence-Based Practice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 4090 - Student Success Seminar

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: admission to pre-licensure nursing program
This seminar offers personalized remediation based on the individual score achieved on the Fundamentals, Pharmacology, or Medical-Surgical HESI specialty exam administered throughout the nursing program. Coaching related to student success in the nursing program and taking the NCLEX-RN licensure exam will also be included. This includes test-taking skills, study skills, and time management skills. Corequisite: NURS 4103

NURS 4100 - Student Success Seminar

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisites: admission to pre-licensure nursing program
This seminar offers personalized remediation based on the individual score achieved on the Fundamentals, Pharmacology, or Medical-Surgical HESI specialty exam administered throughout the nursing program. Coaching related to student success in the nursing program and taking the NCLEX-RN licensure exam will also be included. This includes test-taking skills, study skills, and time management skills. Corequisites: NURS 4201

NURS 4101 - Professional Nursing Concepts III

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 4103 - Professional Nursing Concepts Capstone

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: NURS 3101 , NURS 3102 , NURS 3400
This capstone expands the perspective of the student to include a systems view of professional nursing practice and empowering the student to synthesize knowledge of professional concepts within a quality caring framework. Content is designed to prepare the student to apply leadership, management principles, and encourage active collaboration to achieve positive health outcomes within health care systems. Corequisites: Score of 850 of higher on the HESI Medical-Surgical Spec Exam OR NURS 4090 OR NURS 4100

NURS 4201 - Health Care of the Client III

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: NURS 3202 and NURS 3302
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. score of 850 or higher on the HESI Med-Surg Spec Exam OR NURS 4100

NURS 4202 - Health Care of the Client IV

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. Corequisites: NURS 4000 and NURS 4302

NURS 4300 - Clinical Specialty Practice

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: NURS 3302
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 Lecture Hours 10 Lab Hours 5 Credit Hours)

Prerequisite: NURS 3100, NURS 3202, and 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. Corequisite: NURS 4201

NURS 4302 - Clinical Practice IV

(0 Lecture Hours 16 Lab Hours 8 Credit Hours)

Prerequisite: NURS 4201, NURS 4300, and 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.
Corequisites: NURS 4000 and NURS 4202

NURS 4481 - Independent Study

(1.0 - 3.0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Course related to specific topics in nursing. Title and description of course to be specified at the time of offering.

NURS 4486 - Study Abroad

(1.0 - 3.0 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

Course Description: Within a quality caring framework, this course will provide the student with a broad overview of global, public, and community health care and health care systems. Students will be immersed in a community for exploration of the impact of community and culture on the health of individuals. The student will examine issues such as access to health care as well as current global, public, and community health trends, issues, policies, and practices within the context of a hands-on experiential learning opportunity. NOTE: Students participating in this course must have an active and valid Certified Nursing Assistant certification. Enrollment in this course does not infer admission to the Tanner Health System School of Nursing

NURS 4497 - Community Health Nursing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: NURS 4500 and NURS 3197 and NURS 4502 and NURS 4503 and NURS 3297 and NURS 4505
This course is designed to examine the concepts and principles of community and population health nursing. The course will provide an overview of health issues that transcend borders, class, race, ethnicity, and culture. Emphasis is placed on roles, levels of prevention, principles of epidemiology, public health policy, and disaster preparedness.
Corequisite: NURS 3397

NURS 4500 - Introduction to Scholarly Writing for RNs

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

This course will address the basic mechanics of scholarly writing, peer review, self-editing, and APA format.
Corequisites: NURS 4501, NURS 4502

NURS 4501 - Transition to Professional Nursing Practice for RNs

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course will prepare the registered nurse for transition into baccalaureate nursing practice by exploring concepts, values, and behaviors necessary for professional nursing practice in today's complex healthcare environment. Emphasis

is placed on nursing theory/philosophy, current trends of professional nursing practice, introduction to caring science, and the evolving role and scope of the professional nurse. Corequisites: NURS 4500 , NURS 4502

NURS 4502 - Pathophysiology for RNs

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Concepts of altered health states introduces the learner to pathophysiology disruptions in the normal body functioning in individuals across the lifespan. Objective and subjective manifestations of common health problems resulting from the environmental, genetic, and stress-related maladaptations are assessed and analyzed. Emphasis is placed on assessment findings, diagnostic testing, and interventions for specific health problems are discussed. Corequisites: NURS 4500 , NURS 4501

NURS 4503 - Nursing Issues

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: NURS 3197 and NURS 4502
This course will prepare the registered nurse to explore current issues and future trends that have a direct impact on professional nursing practice in today's complex healthcare environment. Emphasis is placed on quality caring relationships, self-care, work environment, safety, accountability, and healthcare reform. Corequisites: NURS 3297 and NURS 4505

NURS 4504 - Nursing Research & Evidence-Based Practice for RNs

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: NURS 4500 , NURS 4501 , NURS 4502
This course introduces the Registered Nurse learner to the relationships among nursing research, theory, and evidence-based practice in providing holistic, safe, and person-centered care within a quality caring framework. Corequisites: NURS 4503 , NURS 4505

NURS 4505 - Nursing Informatics for RNs

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: NURS 4500 , NURS 4501 , NURS 4502
This course will provide the registered nurse with an overview of health care informatics. The role of the nurse within technology will be explored. In addition, informatics concepts and frameworks will be explored with relevance to nursing practice. Corequisites: NURS 4503 , NURS 4504

NURS 4506 - Holistic Health Assessment for RNs

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: NURS 4500 , NURS 4501 , NURS 4502 , NURS 4503 , NURS 4504 , NURS 4505
This course advances the skills of the registered nurse in holistic health assessment of the general health and well-being of persons, identifying and documenting findings outside the range of acceptable parameters within the virtual health assessment platform, Shadow Health. Assessment skills are emphasized within a quality caring framework for the delivery of safe and person-centered care. Corequisites: NURS 4507

NURS 4507 - Introduction to Healthcare Communities for RNs

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: NURS 4500 , NURS 4501 , NURS 4502 , NURS 4503 , NURS 4504 , NURS 4505
This course will prepare the registered nurse for the professional role of caring for individuals, families, communities and populations in community and public health environments. Emphasis is placed on health promotion, disease prevention and risk reduction of population-based health problems, and consideration given to populations experiencing chronic health problems being cared for in the home and community setting. Corequisites: NURS 4506

NURS 4508 - Lead Mgt Pract

(0 Lecture Hours 5 Lab Hours 5 Credit Hours)

Prerequisites: NURS 3197, NURS 3297, NURS 3397, NURS 4497, NURS 4502, NURS 4503, NURS 4505
This course is a RN to BSN clinical experience to facilitate the application of leadership and management principles, theory, and evidence-based practices in today's complex healthcare environment. Corequisite: NURS 4597

NURS 4521 - Holistic Health Assessment for RNs

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

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. Admission to the RN-BSN program required.

NURS 4523 - Nursing Research & Evidence-Based Practice for RN's

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. Admission to the RN-BSN program required.

NURS 4525 - Professional Practice Issues and Concepts

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. Admission to the RN-BSN program required.

NURS 4527 - Nursing Leadership in Healthcare Communities

(4 Lecture Hours 8 Lab Hours 8 Credit Hours)

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.

NURS 4597 - Leadership and Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: NURS 4500 and NURS 3197 and NURS 4502 and NURS 4503 and NURS 3297 and NURS 4505 and NURS 3397 and NURS 4497
This course introduces the leadership roles and management functions of professional registered nurses within the structure of an organization. The management process provides the foundational structure for the course, while the theoretical framework for this course is established through the exploration of leadership styles, organizational theory, and management theory. Quality assurance and the provision of evidence-based, patient-centered care and collaborative relationships are emphasized. The impact of political and legislative processes, the integration of informatics, and the legal and ethical issues in management are also discussed. Corequisite: NURS 4508

Organizational Leadership

ORGL 1100 - Leadership in a Global Society

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Students learn how cultural context affects leadership style, conflict negotiation, and ethical decision making; examine how leaders might impact culture; and develop their own multicultural awareness and competencies. Contemporary cases of how leadership varies depending on cultural context are researched. Key geographical regions of the world will be analyzed from a leadership perspective, and an individual cultural experience highlighting the intersection of leadership and culture also occurs.

ORGL 1500 - Profiles of Leaders

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The objective of this course is to focus on the basic principles of personal and interpersonal leadership through the exploration of various leaders. It uses the case study method to analyze several well-known leaders. Students will explore the motivation, decision-making, time management, power, team building, conflict resolution, and change management of pivotal leaders.

ORGL 2050 - Communication for the Workplace

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An introduction to the basic skills of oral and written communication, and self-presentation in a business or professional environment.

ORGL 2100 - Writing for Leadership

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Move beyond the inspirational poster! In this course, students read and study the works of famous leaders as models for their own communications as leaders. Students will learn to analyze the rhetoric and persuasive techniques in the speeches, writings, and rhetoric of leaders both real and fictional, such as Shakespeare's Henry V, Winston Churchill, Sun Tzu, Marcus Aurelius, Queen Elizabeth I and others, while reading excerpts from contemporary business advice literature. Themes for the class will include: How to Inspire, How to Navigate Change, and How to Change Minds.

ORGL 2601 - Introduction to Public Administration

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course introduces students to Public Administration, which is a sub-field of Political Science. Administrative

aspects of Political Science will be examined, focusing on concepts and methods used to analyze public policy, political systems, governmental structures, bureaucracy, government and public management, and public policy decision making.

ORGL 2800 - Ethics and Leadership

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The objective of this course is to explore the theories, models, and constructs related to the study and practice of ethics and leadership. Teaches students to develop ethical decision making strategies, communicate effectively in diverse group settings, value civic engagement and actively apply ethical leadership skills.

ORGL 2900 - Program and Policy Evaluation for Leaders

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Students will learn the methods of collecting, analyzing, interpreting, and communicating policy and program information used in organizational evaluations. Program and policy evaluation assists program managers and policy makers (leaders) in making decisions about which programs to fund, policies to modify, expand or eliminate. Students will learn how to be critical and effective users of evaluations. This course will examine a broad range of social and organizational policy areas including health, criminal justice (public sector), education, public finance, human services, and development.

ORGL 3000 - Reflective Seminar I: Self as Learner

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

An introduction to the major conceptual frameworks for reflective learning, which requires students to reflect on and document their own assumptions, beliefs and biases, and how they have affected their prior learning experiences.

ORGL 3050 - Reflective Seminar II: Self in Context

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

This is a one-hour seminar that develops students' understanding of the conceptual frameworks for reflective learning and asks students to reflect on and document the social networks, environmental context, and political contexts that have affected their prior learning experiences.

ORGL 3200 - Introduction to Organizational Development

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A broad survey of major topics in Organizational Development including but not limited to Introduction to organizational process; creation of organizational growth climates/cultures; examination and selection of effective leadership styles and effective modes of communication; coping with the future in periods of accelerating change.

ORGL 3400 - Technology in Organizations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course introduces the student to the relationship between technology and organizations. As technology changes, public, private, and non-profit organizations must decide whether to keep existing technologies, when and how to integrate new technologies, and whether to be a technology leader or follower. The course explores the possibilities,

challenges, and issues faced by organizations as they review technologies. This course is designed for both technically and non-technically oriented undergraduates who want to understand how technology impacts an organization and the factors involved in an organization's technological decisions.

ORGL 4000 - Reflective Seminar III: Transforming Self, Self-Transformation

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisites: ORGL 3000 and ORGL 3050
A seminar including critical self-evaluation of prior learning experiences using frameworks for reflection; analysis and development of the student's own capacity to adapt and transform their own learning practices.

ORGL 4690 - Organizational Leadership Capstone

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ORGL 3000 , ORGL 3050 , and ORGL 4000
A capstone course in which students will demonstrate comprehensive understanding of reflective learning, conceptual frameworks, and goals of their degree.

ORGL 4900 - Organizational Internship

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: POLS 1101
Students may receive academic credit for personal experience in non-profit organizations, the political process, or public employment. Credit hours only apply toward electives.

Personal Wellness And Leisure Activity

PWLA 1600 - Personal Wellness

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 plan in singles and doubles will be taught.

PWLA 1616 - Badminton: Intermediate

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 1 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

This course is an introduction to practical self-defense techniques against unarmed, armed, single, and multiple attackers.

PWLA 1661 - Outdoor Recreation

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

This introductory course to outdoor recreation will teach students navigation skills, outdoor safety, and hiking and camping guidelines in order to properly prepare for a day hike or over-night camping trip. Class topics and activities will include, but are not limited to: several short hikes, compass and GPS navigation, campsite and tent set up, and up to 2 longer hikes at an off campus location. Students will also have the opportunity to participate in and be introduced to other activities of outdoor recreation.

PWLA 1665 - Skiing: Beginning Snow

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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.

PWLA 1671 - Soccer

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 1679 - Body Boot Camp

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

This intermediate course of physical conditioning combines high energy cardio-respiratory activity with various forms of strength training to improve muscular endurance and strength, develop increased levels of cardio-respiratory fitness, and promote overall health. The class format will consist of intense outdoor and indoor training with vigorous circuit, interval and cross training regimens. Beginning, intermediate, and advanced levels of exercises will be taught along with safe practices, knowledge of muscle groups, proper fueling and recovery, and workout design.

PWLA 1682 - Swimming: Beginning

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

For students who are comfortable in deep water and interested in developing stoke refinement and proper technique. Review personal safety, elementary backstroke and front crawl. Introduce sidestroke, breaststroke and back crawl.

PWLA 1685 - Swimming: Conditioning

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

To train instructor candidates to teach American Red Cross Swimming and Water Safety courses. Any student who passes receives a certification to teach.

PWLA 1688 - Mat Pilates

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

This course is designed to teach the history, terminology, and techniques of the Pilates method. The focus for the course is to teach mat Pilates exercises through precise muscle controlled movements, utilizing proper breathing techniques, in order to stretch and strengthen muscle, improve posture, balance, and core strength.

PWLA 1689 - Yoga: Intermediate

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

This course is designed to review the history and terminology of yoga. The focus for this course, is teaching more advanced physical pose practice, teaching and communication skills, sequencing, positive affirmations/mantras, breathing/pranayama, and charkas. Postures designed to open the many channels of the body, especially the main channel, the spine; to develop a balance of strength and flexibility in the physical body; and to connect the movement of the body and the fluctuations of the mind to the rhythm of breathing. The focus centers on connecting the mind, the body, and breathing. This course is designed to reach a total mind-body workout which features functional strength, flexibility, muscle balancing, and relaxation.

PWLA 1690 - Yoga

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

Review and refinement of beginning skills; volley; lobs; smash; topspin serve; strategy; tournament play.

PWLA 1694 - Ultimate Frisbee

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

Fundamental skills to include passing, setting, spiking, serving; game play (rotation, substitution); rules; safety; scoring; basic strategy.

PWLA 1696 - Volleyball: Intermediate

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

Major muscle group strength training exercises designed to improve function and efficiency of the musculoskeletal system.

PWLA 1699 - Personal Nutrition

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

This course includes the basic principles of healthy eating and nutrition, nutrition in a changing world, and the relationship between nutrition and disease. The course will emphasize topics such as weight loss, fitness nutrition, healthy eating plans and strategies, the role of dietary supplements, smart strategies for eating out, and the diet-disease relationship. An evaluation of personal dietary habits using current dietary guidelines and nutritional assessment tools will also be completed to help students assess their own nutritional health and to determine healthy eating SMART goals.

PWLA 2611 - Special Activities

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

This course offers activities to accommodate student needs and interests--e.g., martial arts, roller skating, self defense, etc.

PWLA 2651 - Independent Activity

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Titles and descriptions of specific course will be specified at time of offering. May be repeated for credit.

Physical Education

PHED 2000 - App Con of Fitness & Wellness

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This undergraduate course is designed to develop skills and knowledge related to physical activity and physical fitness. Assessment labs for the five health-related fitness components will be included in this course. In addition, this course is designed to provide students with basic knowledge in the area of personal wellness, including nutrition, stress management, chronic diseases, and planning for and implementing a healthy lifestyle change.

PHED 2100 - Introduction to Sports, Coaching, Fitness, and Recreation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

The sports, coaching, fitness, and recreational fields of study continue providing numerous personal and career opportunities for individuals interested in physical activity, health, and sport-related work. This course provides a historical, philosophical, and practical approach to sport in modern society. The course includes various movement opportunities exploring team and individual sports, outdoor recreation, and other physical activities. Participants will gain hands-on experience working with a variety of different sports-related equipment, strategies, and learning opportunities. In addition, participants will develop skills and strategies for engaging in physical activity opportunities with others, potentially leading to increased levels of character development, and emotional and social learning and growth.

PHED 2300 - Positive Youth Development in Sport

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course includes an examination of current trends and issues in youth sport, with a focus on local, community, recreational sport programming. Emphasis is placed on developing sport experiences for youth. Identifying characteristics of sport-related programs and how they can have an impact on the overall development of youth will be explored.

PHED 2602 - Introduction to Teaching Health and Physical Education

(1 Lecture Hours 2 Lab Hours 2 Credit Hours)

This course introduces students to the teaching of health and physical education with emphasis on the social, historical and philosophical bases and the context for education in these fields. The students explore the roles and responsibilities of the teacher, including legal, ethical and effective practice. Field experience involves observing health and physical education classes in the public schools.

PHED 2603 - Human Anatomy and Physiology I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2605 - Functional Anatomy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course focuses on the structure and function of the major body systems, with an emphasis on the musculoskeletal and cardiorespiratory systems. This course analyzes these systems and their role in human movement and physical activity.

PHED 2628 - First Aid and CPR for Education Majors

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Teacher Education Admission TE
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 Modem 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. Requires a minimum of 9 hours of upper education course work.

PHED 3500 - Educational Games, Gymnastics, and Dance

(0 Lecture Hours 4 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education (TE) OR Admission to Coaching Minor (COAC)
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 Lecture Hours 4 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education (TE) OR Admission to Coaching Minor (COAC)
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 Lecture Hours 4 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education (TE) OR Admission to Coaching Minor (COAC)
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 Lecture Hours 4 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education (TE) OR Admission to Coaching Minor (COAC)
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 Lecture Hours 4 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education (TE) OR Admission to Coaching Minor (COAC)
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program 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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 2 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 relation-ship 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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

(2 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and PHED 3670 and College of Education field experience documentation required
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

(2 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and PHED 3671 and College of Education field experience documentation required.
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 Lecture Hours 6 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 6 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 6 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 3 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program 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 3725 - Human Movement Studies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Teacher Education (TE)
This course focuses on human physiology and anatomy, motor learning and development, and biomechanics. This course emphasizes 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 P-12 physical education. This course also applies the core concepts of anatomy and mechanical physics to human motion. The student will apply these concepts in analyzing exercise and sport skills.

PHED 3730 - Current Issues in Health and Physical Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Teacher Education (TE)
This course provides students with the foundational knowledge and relevant content for leading quality health and physical education programs, focused on 21st Century Learning. Throughout the course, students will have opportunities to identify core beliefs and value systems in health and physical education, a variety of research-based and contemporary teaching models and practices, numerous challenges and practical solutions for meeting the health and physical activity needs of today's learners, key advocacy efforts targeting K-12 schools and programs, and a host of literature-based topics for engaging discussions. Current needs and opportunities in today's schools will be explored from both a historical and contemporary lens.

PHED 4500 - Personal and Community Health Issues

(2 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education or Health and Community Wellness.
This course focuses on the incidence, prevalence, distribution, and preventative measures of disease acquisition and other factors relating to health. Topics include but are not limited to the following: health-related fitness; obesity; nutrition and dieting; chronic and communicable diseases (e.g., diabetes, cardiovascular disease, stroke, cancer, respiratory disease, HIV/AIDS, stress and depressions, arthritis, osteoporosis, etc.); and how the environment influences human health and disease (air, water and soil, and also all the physical, chemical, biological and social features of our surroundings).

PHED 4502 - School Health Education

(2 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: BIOL 2021 or BIOL 2251 or PHED 2603 or PHED 2605 or instructor approval

This class focuses on the physiological responses and adaptations of the human body during exercise. In depth analysis of the responses of the respiratory, circulatory, and muscular systems will be a major focus. Pre-participation health screening, biometric and fitness assessment, and participant goals will be considered to design individualized training programs. Laboratory activities include data collection and analysis, exercise programming case studies, and exercise demonstration and instruction practice.

PHED 4605 - Applied Biomechanics

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: College of Education field experience documentation required
Planning, organizing, directing, and evaluating school physical education, health and sport programs.

PHED 4630 - Foundations and Principles of Coaching

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is a comprehensive introduction to the coaching profession. A majority of the emphasis is on team and individual sports at the high school, middle school, recreational and club levels. Some emphasis is on sports at the collegiate level. The primary goal of the course is to develop and enhance students' knowledge and understanding of concepts and techniques of coaching and their application to achieving important objectives in working with athletes. The course combines sport science theory and research with the practical knowledge and methods of expert coaches in the essential categories of coaching education and professional practice. Guiding principles and practical applications are presented and thoroughly explained for several dimensions of coaching.

PHED 4631 - Prevention and Care of Athletic Injuries

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is an introduction to the prevention, recognition, evaluation, care, and rehabilitation techniques for sport or athletically related injuries. Topics include delineation of roles and responsibilities of members of the Athletic Healthcare System, injury physiology and healing timelines, environmental risk factors, first aid/emergency care scenarios in sport, and taping/wrapping and rehabilitation of athletic injuries.

PHED 4632 - Administration of Athletic Programs

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4640 - Coaching the Mental Side of Sport

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Introduction of psycho-social aspects of coaching, working with athletes, and performance. Principles including arousal; visualization; self-talk; team-building; the connection between needs, thinking, and performances; motivation; and analysis of the mental processes before, during, and after performances will be presented, discussed, and explored in fictitious or real life scenarios.

PHED 4650 - Health and Physical Activity in Elementary Education

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: College of Education field experience documentation required
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 Lecture Hours 6 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and PHED 3625
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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 27 Lab Hours 8 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
Practical teaching experience in a public school under the supervision of a qualified teacher. Laboratory experience included in course. Must be taken concurrently with PHED 4689. Requires completion of all other professional courses with a grade of C or better.

PHED 4689 - Teaching Internship Seminar

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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. Must be taken concurrently with PHED 4686. Requires completion of all other professional courses with a grade of C or better.

Philosophy

PHIL 2010 - Introduction to Philosophy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Philosophy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1101
This course examines major ancient figures and schools focusing largely on the question of what makes for a good life. Plato and Aristotle are typically central; but other moments may include major Asian or African intellectual traditions; writings from the Presocratic, Hellenistic, or Roman era; or Jewish or early Christian era texts.

PHIL 3105 - Medieval to Early Modern Philosophy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1101
This course examines philosophy in transition from the medieval to the early modern era. Debates may concern the proper spheres of religious and secular power; engagements of Islamic, Jewish, or Christian thought with philosophical arguments (for example, about creation, self, or God); and Renaissance or early modern confrontations between traditional thought and new developments in philosophy and science.

PHIL 3110 - Modern Philosophy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1101
This course examines philosophy in the modern era. Topics may include questions about the power and limits of science, morality, or human hopes; the foundation of the state, society, or economy; critiques of religious beliefs or ideologies, and responses; arguments about the significance of art, beauty, or imagination; or proto-existentialist concerns with freedom, tragedy, or faith.

PHIL 3115 - Political Philosophy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1101
An examination of central questions in political philosophy, such as: "Who says?" (political authority) and "Who gets what?" (distributive justice). The course may also examine various political approaches, such as anarchism, liberalism, socialism, and conservatism.

PHIL 3120 - American Pragmatism

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1101
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1101
This course examines the historical development and representative themes of philosophical existentialism. Major questions might include: Is a faith leap beyond reason justified? Is life absurd or meaningless? Do we have freedom to overcome the obstacles of our situation? Can individuals be authentic while also belonging to a group? Should we engage in political struggle? If so, then how--peacefully or otherwise?

PHIL 3160 - Philosophy in Literature and Film

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3180 - Moral Theories

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1101
This course in moral philosophy examines central issues in areas such as meta-ethics (e.g., whether moral judgments are all relative to some standpoint, or true or false in any interesting sense) and normative and applied ethics (e.g., what makes objects of moral evaluation right or wrong or good or bad?).

PHIL 3205 - Theories of Religion

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1101
This course examines some of the most important historical developments in the Western academic study of religion. Topics covered include: how to define and conceptualize religion itself; the role the concept of religion has played in colonialism and indigenous responses; the function of religion in relation to human psychology, identity, society, and politics; the insider/outsider problem; the distinction between religious studies and theology; and the role and importance of various aspects of religion including texts, practices, community, and institutional authority.

PHIL 3220 - Christian Thought

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1101
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.

PHIL 3250 - Islamic Thought

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: ENGL 1101
This course examines the development of Islamic thought from the lifetime of Muhammad to the present day. Some of

the areas of thought to be addressed in the course include theology, ethics, law, philosophy, and politics. A major focus of this course is to draw connections between theoretical developments in the history of Islamic thought and contemporary events in the Islamic world.

PHIL 3300 - Biomedical Ethics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1101
Ethical and philosophical issues that arise in the context of medicine and bioresearch. Many ethical issues arise in health care contexts, including abortion, death, euthanasia, assisted reproduction, experimentation with human and animal subjects. This course introduces students to a selection of such issues and helps them to develop and articulate their own rational, informed views about them.

PHIL 3301 - History and Philosophy of Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHIL 2010
A study of the historical development of science and a philosophical examination of scientific reasoning. Same as HIST 3301.

PHIL 3310 - Environmental Ethics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1101
Learn about the value of nature and animals by exploring, applying, and evaluating central concepts in environmental philosophy.

PHIL 3315 - Contemporary Moral Problems

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course focuses on contemporary moral problems raised in the case pack for each year's national Intercollegiate Ethics Bowl. Students will: Perform academic research on problems central to the cases; use moral imagination to find solutions; develop moral arguments for particular positions; and present their findings orally. (Students may take the course up to four times for credit. Students can count the course twice toward the Philosophy BA; twice toward the Philosophy Minor; and three times toward the Ethics Certificate.)

PHIL 3320 - Technology and Human Values

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course critically examines the assumption that technology is a neutral tool. Through investigation of various philosophical questions surrounding technology, students will understand technology as deeply intertwined with our social norms, ethical values, economy, politics, and culture. Students will also apply philosophical frameworks from the course toward the exploration of a range of issues surrounding current and emerging technologies.

PHIL 4110 - Philosophy of Law

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: PHIL 2010 or PHIL 2020 or PHIL 2030
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.

PHIL 4120 - Professional Ethics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHIL 2010 or PHIL 2020 or PHIL 2030
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 philosophy majors in the Law and Justice track.

PHIL 4130 - Feminist Philosophy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHIL 2010 or PHIL 2020 or PHIL 2030
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHIL 2010 or PHIL 2020 or PHIL 2030
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHIL 2020
An intensive introduction to the elements of deductive logic essential to scientific reasoning, computer programming, mathematics, and everyday problem-solving.

PHIL 4230 - Philosophy of Religion

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHIL 2010 or PHIL 2020 or PHIL 2030 or PHIL 2130
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 and Ethics of Love and Sex

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHIL 2010 or PHIL 2020 or PHIL 2030
The aim of this course is to examine critically theories of relationships and love through examining important primary philosophical texts; to explore what it means to love; to grasp the value and meaning of friendship, love, and sex as social and personal elements; and to analyze particular moral issues related to love, sex, and human sexual relationships.

PHIL 4300 - Senior Seminar

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisites: PHIL 2010 or PHIL 2020 or PHIL 2030
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHIL 2010 or PHIL 2020 or PHIL 2030
An examination of a topic in philosophy that transcends the boundaries of the fixed curriculum. The course may be repeated for up to 12 hours credit so long as the topic changes.

PHIL 4386 - Internship

(0 Lecture Hours 0 Lab Hours 1-6 Credit Hours)

Prerequisites: PHIL 2010 or PHIL 2020 or PHIL 2030 or PHIL 2130
This course allows philosophy majors, philosophy minors, and religion minors to apply their philosophical knowledge and skills outside the classroom while developing career competencies in a professional work environment.

Physics

PHYS 1111 - Introductory Physics I

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

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. Corequisite: PHYS 1111L

PHYS 1111L - Introductory Physics I Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

The lab component of PHYS 1111 which must be a co-requisite.

PHYS 1112 - Introductory Physics II

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 1111
An introductory course that will include material from electromagnetism, optics, and modern physics. Elementary algebra and trigonometry will be used. Corequisite: PHYS 1112L

PHYS 1112L - Introductory Physics II Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

The lab component of PHYS 1112 which must be a co-requisite.

PHYS 1211K - Principles of Physics I w/lab

(3 Lecture Hours 1 Lab Hours 4 Credit Hours)

Prerequisite: (MATH 1634 OR MATH 1501) AND (ECOR C OR ECCG C)
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. Prerequisites: Completion of Calculus I (differentiate, integrate, simple functions). 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 Lecture Hours 1 Lab Hours 4 Credit Hours)

Prerequisite: PHYS 1211K and (ECOR C or ECCG C) Prerequisites: Completion of Calculus I (differentiate, integrate, simple functions).
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 2130 - Sophomore Physics Seminar

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Sophomore Physics Seminar is designed to help students transition into upper level physics courses. The course will help students develop a well rounded resume of experience relative to physics/engineering careers. The course will also include hands-on components that will enhance the overall classroom experience.

PHYS 2211 - Principles of Physics I

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: MATH 1634 with a C or better
An introductory course that will include material from mechanics, thermodynamics, and waves. Elementary calculus will be used. Corequisite: PHYS 2211L

PHYS 2211K - Principles of Physics I w/lab

(3 Lecture Hours 1 Lab Hours 4 Credit Hours)

Prerequisite: (MATH 1634 OR MATH 1501) AND (ECOR C OR ECCG C)
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. Prerequisites: Completion of Calculus I (differentiate, integrate, simple functions). For more information on this institution's eCore courses, please see http://www.westga.edu/~ecore/

PHYS 2211L - Principles of Physics I Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

The lab component for PHYS 2211 which must be a co-requisite.

PHYS 2212 - Principles of Physics II

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 2211 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. Corequisite: PHYS 2212L

PHYS 2212K - Principles of Physics II w/lab

(3 Lecture Hours 1 Lab Hours 4 Credit Hours)

Prerequisites: PHYS 2211K AND (ECOR C OR ECCG C)
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. Prerequisites: Completion of Calculus I (differentiate, integrate, simple functions).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 2212L - Principles of Physics II Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

The lab component for PHYS 2212 which must be a co-requisite.

PHYS 3003 - History and Philosophy of Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 2212 or Permission of Instructor
Electronic principles, basic circuits and components, theory and applications of powers supplies, amplifiers and oscillators. (At level of Simpson.)

PHYS 3023 - Digital Electronics

(1 Lecture Hours 4 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 3013 or Permission of Instructor
Electronic applications of digital logic circuitry, flip-flops and registers, sequential logic circuitry and design. (At the level of Simpson.)

PHYS 3100 - Introduction to Science Pedagogy

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

This course is the prerequisite for student assistants hired to TA the Physics and Geology introductory lab courses. The course will start with a general training of: decorum, behavior, professionalism, grading, knowing the specifics of each lab, and how to help the students in lab. This general training will be the first two meetings of the course. The remainder of the course will be online covering selected reading/ journal articles that relate to teaching and pedagogical methods.

PHYS 3113 - Mechanics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 2212 with a C or better
Principles of Newtonian mechanics, mathematical techniques, conservation laws, introduction to orbit theory, rigid body dynamics, and accelerated coordinate systems. (At the level of Davis.) Corequisite: MATH 3303

PHYS 3213 - Thermodynamics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 2212 with a C or better
Thermodynamic laws and applications. (At the level of Black and Hartley.)

PHYS 3313 - Electricity and Magnetism

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 2212 with a C or better AND MATH 2654
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 3313

Reflection, transmission, and refraction of waves, electromagnetic theory applications and light properties. (At the level of Hecht.)

PHYS 3424 - Advanced Optics

(3 Lecture Hours 2 Lab Hours 4 Credit Hours)

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 3503 - Modern Physics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 2212 with a minimum grade of C
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 3510 - Experimental Physics

(1 Lecture Hours 3 Lab Hours 2 Credit Hours)

Selected experimental investigations in electrical measurement, atomic and nuclear physics, solid state physics, optics, and electronics will be performed. Experience will also be gained in the writing format of scientific journal articles.

PHYS 3511 - Experimental Physics I

(0 Lecture Hours 3 Lab Hours 1 Credit Hours)

Selected experimental investigations in electrical measurement, atomic and nuclear physics, solid state physics, optics, and electronics. Corequisite: PHYS 3503

PHYS 3513 - Power Distribution Sources and Networks

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: PHYS 2212 or PHYS 1112 or consent of the instructor
This course will cover sources of energy production and how that energy is transported across complex power grids and networks. It will include aspects of geography and environmental discussions.

PHYS 3521 - Experimental Physics II

(1 Lecture Hours 3 Lab Hours 1 Credit Hours)

Prerequisite: PHYS 3503
Selected experimental investigations in electrical measurement, atomic and nuclear physics, solid state physics, optics and electronics (offered in spring semester)

PHYS 3613 - Battery Technology and Design

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: PHYS 2212 or PHYS 1112 or consent of the instructor
This course will introduce students to the history and development of batteries from their origin to the advanced battery systems of today. It will examine the variety of battery applications and look at the benefits of different batteries for different applications. It will also provide students with an in-depth look at the physics and chemistry of popular battery designs.

PHYS 3703 - Physics, Energy, and the Environment

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Topics selected from mechanics, heat, optics, sound, electricity, magnetism, and twentieth century physics.

PHYS 3813 - Electronic Systems Design in Vehicles

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course will focus on the electronic systems in conventional and electric vehicles. It will also introduce some electronic applications in mass transportation systems such as buses, ships, and eVTOL (electric vertical take-off and landing) aircraft.

PHYS 3825 - Research Methods

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisites: MATH 1113 Minimum Grade: C
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 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

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 4103 - Astrophysics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 3503 or Permission of Instructor
An advanced overview of modern astrophysics, covering interactions between light and matter, stellar atmospheres and interiors, the Milky Way Galaxy, the interstellar medium, and galaxies and cosmology. (At the level of Carroll & Ostlie)

PHYS 4203 - Advanced General Physics for Teachers

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A survey of general physics for pre-service science teachers.

PHYS 4323 - Nuclear Physics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 3503 and PHYS 3113
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 3503 and PHYS 3113
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 4411 - Scientific Communication

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Science Communication is a one-semester, three-hour course. This course will discuss the nature of science, what it means to be scientifically literate, how to distinguish science from pseudoscience, and how to make a persuasive argument regarding a scientific topic. The course is cross-listed in Physics, Chemistry, Geography, Geology, and Biology.

PHYS 4413 - Introduction to Solid State Physics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 3503 and PHYS 3113
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 2212 AND (either MATH 3303 or MATH 2654) OR Permission of Instructor
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 Lecture Hours 4 Lab Hours 3 Credit Hours)

Prerequisite: PHYS 2212 with a C or better, OR permission of Instructor

Introductory numerical methods in physics, including the application of computer techniques to a variety of physical problems at the level of Cook.

PHYS 4624 - Advanced Battery Technology and Design

(3 Lecture Hours 1 Lab Hours 4 Credit Hours)

Prerequisites: PHYS 3613
This course will focus on the research and design issues of state-of-the-art battery systems. It will also give students hands-on opportunities to study battery systems in the laboratory with UWG faculty.

PHYS 4683 - Physics Research

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: PHYS 3113, PHYS 3213, PHYS 3313, or PHYS 3503 or Permission of Instructor
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 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

Title and description of the course is to be specified at the time of offering. Students can re-enroll for additional credit.

Political Science

POLS 1101 - American Government

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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).

POLS 2101 - Introduction to Political Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is an introduction to the field of Political Science. The course surveys the general topics studied in the field (such as power, agenda-setting, collective action) as well as the sub-fields that are focuses of the discipline: American Government, Comparative Politics, and International Relations. At the core of the course is the question of how human societies decide who gets what, where, when, and how. The course will explore how common types of problems are resolved differently in different places and times. The course will use current events and other issues to explore the wider concepts of the discipline.

POLS 2201 - State and Local Government

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2401 - Global Issues

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course introduces the student to contemporary issues in international affairs. It is designed for those who have no prior knowledge of international relations or global issues. We will examine some of the most pressing, political, environmental and economic problems currently facing the global community today. The idea is to introduce the issues and discuss different points of view on them so that students can develop and articulate informed views on possible solutions to the world's most pressing problems.

POLS 2601 - Introduction to Political Science Inquiry

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3000 - College to Career

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is designed to equip students with the essential skills needed for successful progression in their public service major, as well as a successful career in public service. Starting with an overview of both technical and soft skills, the course guides students through practical applications, helping them map these skills to various career paths and educational experiences. Special emphasis is placed on self-assessment and pulse checks, allowing students to align their personal interests and competencies with prospective roles in public service. The course also delves into vital workplace skills like professionalism, time management, emotional intelligence, and effective communication. By the end, students will have created a detailed skills checklist, a project management plan, and a professional development strategy, all tailored to set them up for success in their chosen field.

POLS 3101 - American Political Institutions

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101 or PSC 101
An analysis of the roles of the policy making processes, power, procedures, relationships, and history of American national governmental institutions.

POLS 3102 - Gender and Politics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3110 - Political Parties

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: POLS 1101
This class will investigate the history and development of American political parties. Students will learn about why parties form, how they are organized, and the roles parties play. Changes in party identification and their relation to voting are central to the class. Students will also explore how parties act as electioneering organizations and governing bodies at both the national and state levels.

POLS 3111 - Interest Groups and Lobbying

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: POLS 1101
Students in this class will read the literature of American interest groups to understand their development and role in a democratic system. Students will also learn the process of lobbying for political influence and the implication of exerting group pressures on politics.

POLS 3201 - Public Policy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101 or PSC 101
An introduction and survey of legal process in American society.

POLS 3401 - Comparative Politics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Analysis

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 2601
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.

POLS 4002 - Case Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: CRIM 1100 or POLS 1101
This course provides a foundation in effective case management skills for work in human services serving a variety of population groups. It covers communication techniques, interviewing strategies, intake and assessment processes, data collection methods, documentation, making appropriate referrals, service coordination, and termination. This course also examines ethical principles of diversity issues directly related to effective case management.

POLS 4005 - Identity, Victimization, Law, and Society

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101
This course explores victim identities, such as race, gender, sexuality, socio-economic status, religion, and others. The course content will include an examination of interactions among victimization, identity, law, and society. Special attention will be paid to the relationship between identity and victimization with law and society.

POLS 4006 - Victim Advocacy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: CRIM 1100
This course explores the legal, cultural, and psychological frameworks underlying victims' rights and advocacy. We will cover topics on trauma-informed communication, ethics and professionalism in victim services, the role of system-based and community-based advocacy, and strategies for effectively managing trauma for a practitioner.

POLS 4101 - Legislative Process

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101 or PSC 101
This course examines the nature and development of public opinion in America and the inter-action 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 Lecture Hours 1.0 - 15.0 Lab Hours 1.0 - 15.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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.

POLS 4207 - Politics of Big Tech

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101 or PSC 101
Politics of Big Tech will emphasize the development of national, international, and state/local policies that govern big tech firms, emphasizing the fragmentary nature of regulatory responses to large multinational retailers and media platforms alike. We will examine the ramifications of platform dominance and its impact on society, as well as the implications for democracy.

POLS 4208 - Health Policy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 - Public Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4213 - Comparative Public Administration and Policy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4215 - Management of Non-Profit Organizations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4216 - Gun Policy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101
Gun control policy is one of the most contentious policy issues in not just the United States, but in other advanced democracies of the world. This class is designed to analyze and assess why gun control policy exists in its current state. The course will explore a variety of arguments for the current state of gun control policy. By the end of the semester students should be able to analyze and evaluate how culture, agenda setting and formulation, institutions and policy making, interest groups, the media, parties, elections, public opinion, and other factors shape gun control policy in the United States.

POLS 4217 - Grant Writing for Nonprofit Organizations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course introduces students to the world of grant-writing and management, and provides an opportunity to experience writing actual grants. Students will learn the process of identifying prospective funders, developing relationships with funders, understanding the basics of writing grants, submitting proposals, working as a collaborative, and preparing for the follow up. Students will apply course learning to write and prepare actual grant proposals.

POLS 4218 - Project Management in the Public Sector

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: POLS 1101
This course will discuss the theory, principles, tools, and techniques necessary to build a solid project management foundation. The Project Management Institute's (PMI) standards for project management will be emphasized throughout the course.

POLS 4219 - Public Human Resource Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: POLS 1101
This course will examine the processes, policies, procedures and laws concerning public personnel. It will also cover the issues of employee protection, motivation, efficiency and responsibility.

POLS 4220 - Administrative Law and Government

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: POLS 1101
This course introduces the student to the relationship between Administrative Law and American Government as well as the ethics and challenges inherent in Administrative Law decision making. It is designed for undergraduates who are interested in public administration and public policy. While the course reviews and discusses the cases that form the basis of administrative law, the focus is on the understanding and application of principles rather than case law.

POLS 4221 - Government Organization and Administrative Theory

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: POLS 1101
A survey of the major theories of organizational design and behavior with an emphasis on comparisons of public, private, and nonprofit agencies.

POLS 4301 - Constitutional Law I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (POLS 1101 or PSC 101) and POLS 3301
Study of the application and interpretation of the constitutional protections by the American courts.

POLS 4403 - Latin American Politics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4409 - Democracy and Democratization

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4501 - International Law

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4503 - International Organizations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101 or PSC 101
This is an analysis of international organizations with an emphasis on the United Nations. The course examines the role of the UN in peacekeeping, collective security, economic development, and human rights.

POLS 4504 - International Political Economy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4509 - EU Law & Legal Systems

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4517 - Global Human Rights

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101
The issue of human rights is not a new one. Instead, its roots can be traced to antiquity, beginning with the Magna Charta. However, the importance of human rights in global relations if a post-World War Two phenomenon. The genocidal acts committed by Hitler's Germany placed human rights on the international agenda. Since then, the significance of human rights in the global system has grown. In addition, the study of human rights has become a major area of intellectual inquiry. Against this background, this course is designed to examine some of the major issues in the human rights field-ranging from the conceptual and methodological tool boxes to critical issues such as the right to work, the right to education, torture, genocide, the rights of women and children, minorities, indigenous peoples, and the responsibility to protect. Importantly, these issues will be examined within the context of morality, international law, and realpolitik.

POLS 4519 - Genocide

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101
The commission of genocidal acts represents the height of human inhumanity to human. Human history is filled with cases of groups-the state, elites, dominant ethnic groups, among others-committing genocidal crimes against other groups-marginalized racial, ethnic, religious and other groups-based on the perennial "us" versus "them" serving as the motor force. Although, the international community has committed itself to the prevention of genocide as reflected in the famous expression "Never again!," the rhetoric commitment has not been matched by consistent action. Accordingly, there have been cases of the commission of genocidal crimes as a recurring phenomenon-from the Holocaust to Sudan's Darfur region. Against this background, this course will seek to explore the various issues that underlie genocide, such as the explanations for the commission of genocidal acts, the typology of genocide, context, international norms, the efforts to prevent and punish genocidal crimes, and various case studies. The course begins with the issues, and this is then followed by the case studies. The rationale is to link the issues to the cases.

POLS 4601 - Ancient and Medieval Political Thought

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101
A critical reading of selected works by major ancient and medieval western political thinkers, e.g., Sophocles, Thucydides, Plato, Aristotle, Augustine, Aquinas, and Machiavelli.

POLS 4602 - Modern Political Thought

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4604 - Democratic Theory

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101
This course traces the evolution of democratic theory from the ancient Greeks to the present digital era. The course aims to familiarize students with the long history of democracy by exposing them to the writings of classical and contemporary democratic theorists; and to train them to understand, analyze, and evaluate competing theories of democracy.

POLS 4801 - Experiential/Service Learning

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: POLS 1101 and department approval
This course provides credit for students completing an experiential or service learning project. The course must be completed under the supervision of a faculty member who will serve as the project supervisor and assign the course grade. Students must complete an assignment as evidence of satisfaction of the course requirements. This evidence can be in the form of a written assignment or a portfolio at the discretion of the supervising faculty member. This course is repeatable up to a total of 6 credit hours.

POLS 4860 - Special Topics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: POLS 1101

Specialized areas of analysis in a subfield of political science with the specific titles announced in the class schedule and entered on the students' transcripts. Students may repeat the course for credit as topics change.

POLS 4981 - Directed Reading in Political Science

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: POLS 1101 or PSC 101
In-depth, individualized research on specific political problems and issues. Repeatable up to 4 times.

POLS 4985 - Problems in Politics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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

PSYC 1030 - Personal Relationships

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Experiential exploration through personal interactions. Designed to encourage the development of sensitivity to feelings, attitudes, and beliefs of one's self and others.

PSYC 1040 - Career and Job Search Strategies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Focuses on the development of competencies, which enable students to successfully develop and manage their career paths, e.g., career assessment.

PSYC 1101 - Introduction to General Psychology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 2003 - Statistics in Psychology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PSYC 1101
This course provides an introduction to the application and interpretation of basic statistics used in the behavioral sciences: descriptive statistics, simple hypothesis testing and two-variable regression.

PSYC 2010 - Psychology as a Human Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PSYC 1101
This gateway course introduces new psychology majors to the philosophical and methodological foundations of psychology as a human science, particularly humanistic, transpersonal/contemplative, and critical approaches. It also orients students personally and professionally to the field of psychology. This course serves as preparation for more advanced study in the UWG major. Restrictions: Major in Psychology, or Social Sciences Focus Area

PSYC 2220 - Qualitative Research Methods

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PSYC 1101
This course provides an historical and philosophical overview of the foundations of qualitative research methodology as well as the major research strategies and design in qualitative research. This course is intended for undergraduate students planning to conduct qualitative research.

PSYC 2230 - Quantitative Research Methods

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PSYC 1101
This course provides an historical and philosophical overview of the foundations of quantitative research methodology as well as the major research strategies and design in quantitative research.

PSYC 3010 - Human Growth and Development

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: PSYC 1101
An overview of psychological growth and development across the life-span.

PSYC 3110 - Human Sexuality

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. Course equivalent ORGL 3200 .

PSYC 3310 - Psychological Services

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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, SPED 3703.

PSYC 3730 - Social Psychology

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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

(3.0 - 4.0 Lecture Hours 0 Lab Hours 3.0 - 4.0 Credit Hours)

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 3850 - Forensic Psychology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: PSYC 1101, ENGL 1102
Examines the relationship between psychology and law, focusing on the roles of psychologists in legal settings. Focuses on the applicability of various psychological theories to criminal justice processes. Topics include competence evaluations, rehabilitation potential, the accuracy of eyewitness testimony, the psychology of jury selection, bystander apathy, the insanity defense, and the effectiveness of the polygraph, among others.

PSYC 3900 - Personality Theories

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 4020 - Critical Psychology

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisites: PSYC 1101 and (PSYC 2010 or PSYC 2220)
This course provides an introduction to the international movement of critical psychology, which developed in the context of challenging mainstream psychology's ontological, epistemological, ethical, and political assumptions in order to provide more comprehensive theories and interventions. The course focuses on alternatives developed by critical psychologists in various subdisciplines of psychology and looks at central topics, practices, methods, and interventions.

PSYC 4030 - History and Philosophy of Psychology

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PSY 201 or PSYC 1101
A study of myths and symbols in human expression.

PSYC 4085 - Horizon Seminar

(1.0 - 4.0 Lecture Hours 0 Lab Hours 1.0 - 4.0 Credit Hours)

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 up to a maximum of 12 hours.

PSYC 4085A - Horizon Seminar 1

(1.0-4.0 Lecture Hours 0 Lab Hours 1.0-4.0 Credit Hours)

Prerequisites: 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.

PSYC 4085B - Horizon Seminar 2

(1.0-4.0 Lecture Hours 0 Lab Hours 1.0-4.0 Credit Hours)

Prerequisites: 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.

PSYC 4085C - Horizon Seminar 3

(1.0-4.0 Lecture Hours 0 Lab Hours 1.0-4.0 Credit Hours)

Prerequisites: 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.

PSYC 4085D - Horizon Seminar 4

(1.0-4.0 Lecture Hours 0 Lab Hours 1.0-4.0 Credit Hours)

Prerequisites: 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.

PSYC 4085E - Horizon Seminar 5

(1.0-4.0 Lecture Hours 0 Lab Hours 1.0-4.0 Credit Hours)

Prerequisites: 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.

PSYC 4085F - Horizon Seminar 6

(1.0-4.0 Lecture Hours 0 Lab Hours 1.0-4.0 Credit Hours)

Prerequisites: 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.

PSYC 4085G - Horizon Seminar 7

(1.0-4.0 Lecture Hours 0 Lab Hours 1.0-4.0 Credit Hours)

Prerequisites: 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.

PSYC 4090 - Groups and Group Process

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 - Transpersonal Psychologies

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: (PSY 201 or PSYC 1101) and (PSYC 2010 or PSYC 2000)
Cross-cultural and social explorations that examine the impact of culture on psychological life. Varies by semester.

PSYC 4360 - Community Psychology

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 4700 - Ecopsychology

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

This course offers an exploration of the emerging field of ecopsychology, an interdisciplinary focus on the conjoined themes of eco and psyche. The course will deepen understanding of major currents that constitute ecopsychology, facilitate comprehension of their impact on the conceptual foundations of the discipline of psychology, and consider applications of ecopsychology as professional practice.

PSYC 4760 - Introduction to Psychotherapy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: PSY 201 or PSYC 1101
An introductory course in psychotherapy providing counseling and communications skills for pre-professionals.

PSYC 4864 - Consumer Behavior

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1.0 - 4.0 Lab Hours 1.0 - 4.0 Credit Hours)

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

(4 Lecture Hours 0 Lab Hours 4 Credit Hours)

Prerequisite: PSYC 1101 and PSYC 2010
This capstone course helps senior psychology majors gain perspective on their accumulated learning within the discipline of psychology and contextualize that learning more broadly within their general education. At a practical level, this course also guides students in the final steps of vocational discernment and preparation.

PSYC 4887 - Practicum: Experiences in Human Services

(0 Lecture Hours 1.0 - 8.0 Lab Hours 1.0 - 8.0 Credit Hours)

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.

P-12 Education

PTED 4539 - Methods in Foreign Language P-12

(3 Lecture Hours 2 Lab Hours 5 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 14.0 - 40.0 Lab Hours 3.0 - 9.0 Credit Hours)

Prerequisite: College of Education field experience documentation required and Admission to Teacher Education program
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.

PTED 4587 - Teaching Internship

(0 Lecture Hours 14 Lab Hours 3 Credit Hours)

Prerequisite: College of Education field experience documentation required and Admission to Teacher Education program
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.

PTED 4588 - Teaching Internship

(0 Lecture Hours 14 Lab Hours 3 Credit Hours)

Prerequisite: College of Education field experience documentation required and Admission to Teacher Education program
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.

Reading

READ 3251 - Literacy Instruction through Children's and Adolescent Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
This course explores the essential role that children's and adolescent literature plays in literacy development, with a focus on selecting high-quality literary and informational texts for diverse learners. The course emphasizes the application of evidence-based instructional approaches that introduce students to a wide range of high-quality literature that supports students in their learning about themselves, the world around them, and their place within a global society. Students will engage in a field placement to gain practical experience in implementing these strategies in real-world classroom settings.

READ 3262 - Reading Methods and Assessment I (PK-2)

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program (TE) and Education Field Experience Application (FE)
This course provides a holistic introduction to the foundational skills of reading and evidence-based methods and assessment strategies essential for effective reading instruction in PK-2 classrooms. Emphasizing phonemic awareness, phonics, decoding, fluency, vocabulary, and comprehension along with comprehensive instructional strategies, this course integrates the science and art of teaching reading. This is the first course in a two-part series that prepares students for Reading Methods and Assessment II. Field experience is required for observation of and the hands-on application of these principles.

READ 3263 - Writing Development and Instruction

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program (TE)
This course explores the foundational skills and developmental stages of writing, emphasizes the integration of reading and writing, and engages students in authentic writing experiences. The course examines effective writing instruction practices, approaches to assessment, and the connections between language arts components while considering the diverse needs of learners.

READ 4201 - Language and Literacy for Diverse Populations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This undergraduate course provides an overview of the role of cultural and linguistic variables in the development of literacy and language in culturally and linguistically diverse populations. Topics include defining literacy and language in a multicultural context; distinguishing cultural differences from disorders in the domains of literacy and language; understanding cross-cultural communication patterns and relationships between nonverbal and verbal language systems; gaining interpersonal skills for encouraging harmony across cultures; and evaluating the cultural and linguistic features that affect service delivery when working with individuals from diverse backgrounds. Examining strategies for delivering literacy and language services for culturally and linguistically diverse populations will be emphasized.

READ 4251 - Reading Methods and Assessment II (3-5)

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: READ 3262 : Admission to Teacher Education (TE) and Education Field Experience Application (FE)
This course equips candidates with the knowledge and skills to instruct and assess elementary students' reading abilities, emphasizing the development of reading comprehension and speaking and listening skills. Students will learn to analyze assessment results, identify reading strengths and weaknesses, and develop tailored instructional strategies to support students' literacy development. This course is the second in a two-course sequence that builds upon the concepts learned in Reading Methods and Assessment I (PK-2). Field experience is required to offer observation and application of course concepts.

READ 4252 - Literature in the Middle School

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: Admission to Teacher Education program
Titles and descriptions of specific courses to be inserted at time of offering. May be repeated for credit.

Real Estate

RELE 3701 - Real Estate Marketing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: RELE 3705
The study of residential and commercial real estate data bases, including sales, rents and mortgage loans. Internet basics such as websites, search engines, and email will also be reviewed. Using fee versus free data.

RELE 3730 - Real Estate Finance

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisite: RELE 4706
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 Lecture Hours 3 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: RELE 3705 or REA 305
Practical marketing related experience with a previously approved business. Firm for selected junior or senior students.

Secondary Education

SEED 4238 - Instructional Strategies for Secondary English Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and SEED 4271.
This course is designed for investigation, assessment, and research in the teaching of English Language Arts with implications for strategies and curricular needs at the secondary level.

SEED 4238L - Instructional Strategies for Secondary English Education Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required and SEED 4271L
This course consists of the field experience designed to accompany SEED 4238. Students are expected to spend two full days in a public school placement for fourteen weeks.

SEED 4240 - Instructional Strategies for Secondary Mathematics Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
Exploration of models, techniques, strategies, formal assessment, and research for teaching secondary mathematics.

SEED 4240L - Instructional Strategies for Secondary Mathematics Education I

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and SEED 4271
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. Corequisites: SEED 4243L

SEED 4243L - Instructional Strategies for Secondary Social Studies Education Laboratory

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required; SEED 4271L
This course consists of the field experience that accompanies SEED 4243. Corequisite: SEED 4243.

SEED 4271 - Instruction, Assessment, and Management in the Secondary Classroom

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
Teacher candidates will gain knowledge and skills needed for curricular decision-making to develop standards-based instruction and assessments with a student-centered approach. In addition to managing classroom instruction, candidates will learn strategies for managing student behavior and developing effective classroom procedures and routines that establish a positive learning environment. Must be taken concurrently with SEED 4271L.

SEED 4271L - Instruction, Assessment, and Management in the Secondary Classroom Lab

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
This course consists of the field experience that accompanies SEED 4271. Must be taken con-currently with SEED 4271.

SEED 4285 - Special Topics in Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
descriptions of specific courses to be inserted at time of offering. May be repeated for credit.

SEED 4286 - Teaching Internship

(0 Lecture Hours 18 Lab Hours 6 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
Students will be teaching full-time for one semester in a public school secondary level (grades 6-12) classroom, under the supervision and mentorship of an experienced, qualified classroom teacher.

SEED 4287 - Teaching Internship I

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program and College of Education field experience documentation required
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. Taken concurrently with SEED 4289. Provisionally certified students only.

SEED 4289 - Teaching Internship Seminar

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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.

Social and Behavioral Health

SABH 1101 - Intro to Soc & Behav Health

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A primer to the interdisciplinary study of health-from the perspective of the social sciences-this course introduces the ways in which individual behavior and social factors shape health outcomes. It also exposes students to approaches for changing behavior and programs that promote health and attempt to prevent diseases. Students will learn the social and behavioral theories that are used to create health promotion programs, and how such programs are implemented. Students will learn how to establish programs that are context-suitable and applicable.

SABH 4000 - Research Methodology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SABH 1101
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. Restricted to Social & Behavioral Health majors only.

SABH 4003 - Applied Statistics for Sociology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SABH 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.

Social Justice

SJUS 3000 - Introduction to Social Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 OR POLS 1101 OR CRIM 1100
This course will introduce the student to the concept of social justice and social change. Examines various social justice theories such as restorative and distributive justice, postmodernism, feminism, and others. Theorists include Rawls, Mills, Kant, and others. A review of institutional systems and how social change occurs within the institutional framework.

SJUS 3050 - Politics of Social Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 OR POLS 1101 OR CRIM 1100
This course examines selected contemporary issues of social justice at the national, state, and local level of politics in the United States. This course analyzes various social justice issues through an economic, demographic, institutional, and political lens. Course topics include a critical analysis of governance, criminal law, economic development, immigration, poverty and race, drugs, and social equity.

SJUS 4000 - Social Justice Culture

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SJUS 3000
This course examines the relationship between music, art, movies & television, and social justice in the United States. These mediums bring people together, challenge the status quo, and shine a light on what is happening in various communities. This course will explore a range of music, art, movies, and television that reflect and influence social justice issues.

SJUS 4050 - Law and Social Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SJUS 3000
This course analyzes the relationship between legal institutions, inequality, and the ability of social groups to produce fundamental social change.

SJUS 4800 - Social Justice Policy Analysis

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SJUS 3000
This course provides students with the tools to analyze policy implementation and effectiveness in the criminal justice system. Policies are evaluated in the areas of policing, corrections, courts, and criminal justice. Research methods and case study analysis will be used to evaluate and inform the creation of crime-related policies.

Sociology

SOCI 1101 - Introductory Sociology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

A survey of the discipline of sociology. Topics will include sociological theory, methods, and selected substantive areas.

SOCI 1160 - Introduction to Social Problems

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOCI 1160
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 3002 - Introduction to Social Justice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOCI 1160
An introduction to social justice. The course explores meanings, forms, and mechanisms of oppression and discrimination; the roles of social structure, individuals, and ideologies play in addressing the needs of diverse populations. The course examines various social movements, advocacy efforts, and community organizing that aims to make change and remedy social injustice.

SOCI 3100 - Sociology of Humor

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOCI 1160
This course studies the humor of primarily contemporary American culture. The course demonstrates how humor gives keen insight into the character of social roles, social structure, social institutions, subcultures and other sociological categories. To determine who laughs at what and why, we analyze jokes, movies, television programs and commercials, humorous writings, standup comedy, and other ways of communicating the comic. By studying what makes us laugh, we gain insight into our society, ourselves, and our social/historical situations.

SOCI 3134 - Introduction to Social Work and Social Welfare

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOC 105 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOCI 1160
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 - Sociology of Family

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOCI 1160
A sociological analysis of the family as a social institution. Considers key concerns for contemporary families such as communication and power, household labor, marriage and cohabitation, parenthood, and domestic violence. Addresses the role of social institutions and social inequality in shaping family norms and constraints on family behavior.

SOCI 3543 - Sociology of Religion

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
This course will introduce students to the concepts and methods that sociologists use to analyze the relationship between religion and society. It will explore how to think about religious beliefs, practices, symbols, communities, and identities as social phenomena and how religion intersects with other aspects of social life, such as race, class, gender, socialization, immigration, conflict, and social change.

SOCI 3603 - Sociology of Gender

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
This course focuses on gender as a social construction, exploring how gender inequality is reproduced and maintained in everyday life.

SOCI 3623 - Social Inequality

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 3742 - Political Sociology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOCI 1160
This course will examine classic and contemporary research on political sociology. Students will examine the

intersections of the various political systems and society, with special attention paid to power structures and social inequality.

SOCI 3743 - Social Movements

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
This course examines the origins, dynamics, and consequences of social movements from a sociological perspective. Central topics include the emergence of movements, recruitment and leadership, interactions of movements with the media, political authorities, and the broader public, tactics, and the factors contributing to the success and failure of movements.

SOCI 3800 - Development of Criminal Behavior

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: ENGL 1102
Focuses on understanding the development of criminal behavior. The course will cover topics such as the causes of violent crime and the development of criminality.

SOCI 3804 - Death, Grief and Caring

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 - Sociology of Aging

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOCI 1160
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. Restricted to sociology majors only.

SOCI 4002 - Case Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOCI 1160
This course provides a foundation in effective case management skills for work in human services serving a variety of population groups. It covers communication techniques, interviewing strategies, intake and assessment processes, data collection methods, documentation, making appropriate referrals, service coordination, and termination. This course also examines ethical principles of diversity issues directly related to effective case management.

SOCI 4003 - Applied Statistics for Sociology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOCI 1160
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. Restricted to sociology majors only.

SOCI 4005 - Identity, Victimization, Law, and Society

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOCI 1160
This course explores victim identities, such as race, gender, sexuality, socio-economic status, religion, and others. The course content will include an examination of interactions among victimization, identity, law, and society. Special attention will be paid to the relationship between identity and victimization with law and society.

SOCI 4006 - Victim Advocacy

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOCI 1160
This course explores the legal, cultural, and psychological frameworks underlying victims' rights and advocacy. We will cover topics on trauma-informed communication, ethics and professionalism in victim services, the role of system-based and community-based advocacy, and strategies for effectively managing trauma for a practitioner.

SOCI 4015 - Analyzing and Visualizing Data

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOCI 1160

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. Restricted to sociology majors only.

SOCI 4103 - Women and Work

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 4203 - Women in American Society

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 4293 - Families, Foster Care, and Adoption

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOC 105 or SOCI 1160
This course will use a sociology of family lens to examine the topics of foster care and adoption. We will examine what sociological research tells us about the experiences of children, parents, and staff in these institutions. In doing so, we will pay particular attention to race and class, including global issues of inequality.

SOCI 4300 - Housing and Homelessness

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 - Sociology of Race

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOCI 1160 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: (SOCI 1101 or SOC 105 or SOCI 1160) and SOCI 4000
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 Lecture Hours 3.0 - 6.0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 and Instructor approval
The internship provides students an opportunity to gain supervised work experience in an agency in their major area of study.

SOCI 4439 - Sociology of Global Health

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOCI 1160
This course examines the borderless nature of diseases. The emphasis is on the health problems of people in developing countries. Special attention is paid to the historical and social context of health outcomes. In addition, consideration is given to the differences in health outcomes by gender, class, age, and ethnicity.

SOCI 4440 - Medical Sociology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
This course presents a sociological introduction to the conceptualization and subsequent treatment of mental illness.

SOCI 4445 - Sociology of Youth

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOCI 1160
This course will examine the influence of societal structure in the social construction of youth and the sociological theoretical framework for the study of youth. Students will be introduced to the complexity and diversity of sociological issues related to childhood, adolescence, and young adulthood.

SOCI 4523 - Intersection of Race and Sex

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOCI 1160
An examination of the intersecting oppressions of race, gender, and sexuality as systems of power and, ultimately, domination. Analysis of how the matrix of domination permeate society and social relations. Special attention will be given to the historical rise of contemporary racism and sexism, controlling images, and the white racial frame.

SOCI 4543 - Deviant and Alternative Behavior

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
Analysis and evaluation of sociological conceptions and research on deviant and unconventional thought and action. Focuses on contemporary, multicultural society.

SOCI 4613 - Interviews and Observations

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SOCI 1101 or SOCI 1160
This course introduces students to foundational qualitative research methods used in sociology, with special attention to interviewing and observation studies.

SOCI 4623 - Art, Media, Cultural Politics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160

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 4700 - Sociology of Emotions

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160 and SOCI 3134 (can be concurrent)
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOC 105 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOCI 1160
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SOCI 1101 or SOCI 1160
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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 in-sights that they have acquired in oral and written forms. This course is an option that satisfies the capstone requirement for graduation.

SOCI 4983 - Senior Thesis

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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

SPAN 1001 - Elementary Spanish I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Introduction to listening, speaking, reading and writing in Spanish and to the culture of Spanish-speaking regions.

SPAN 1001C - Elementary Spanish I - Block

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Introduction to listening, speaking, reading and writing in Spanish and to the culture of Spanish-speaking regions.

SPAN 1002 - Elementary Spanish II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 1001 with a minimum grade of C or SPA 101 with a minimum grade of C or SPAN 1001C 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 1002C - Elementary Spanish II - Block

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 1001C 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 1002 SPAN 1002C with a minimum grade of C or SPA 102 with a minimum grade of C or SPAN 1002C with a minimum grade of C. Prerequisites: SPAN 1002 or equivalent. For more information on this institution's eCore courses, please see http://www.westga.edu/ecore/
A rapid review of grammar with continued use of listening, speaking, and reading and writing skills, all with a cultural emphasis.

SPAN 2001B - Intermediate Spanish I-Block

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Continued development of speaking, listening, reading, and writing. Vocabulary, grammatical structures, and culture are taught through communicative activities and reading.

SPAN 2002 - Intermediate Spanish II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 2001 with a minimum grade of C or SPA 103 with a minimum grade of C. Prerequisite: SPAN 2001 or equivalent. For more information on this institution's eCore courses, please see http://www.westga.edu/~ecore/ Listening, speaking, and reading and writing skills in an introduction to literature and within a cultural context.

SPAN 2002B - Intermediate Spanish II-Block

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Continued development of conversational and writing skills, grammar review, and the development of reading skills using literary and journalistic texts.

SPAN 3015 - Spanish for Professions

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: SPAN 2001
Spanish for Professions is designed to give students a basic foundation in professional vocabulary, geographical and cultural concepts, and situational practice while reinforcing the language skills at an intermediate to advanced level. The course will increase awareness of the environments in which today´s Spanish-speaking professionals engage, specifically in five distinct fields: computer sciences, business and finance, medical and health, mass communications, and the legal and judicial systems.

SPAN 3030 - Introduction to Hispanic Literature

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3015 with a minimum grade of C
This course gives students the opportunity to develop and exercise intermediate and advanced reading, writing, and analytical skills in Spanish through the study of Hispanic literature. Students learn to analyze texts in a variety of genres including narrative, poetry, and theater. Texts are selected from historical and geographical contexts ranging across the Hispanic world. Students conduct close readings of the form and content of individual texts while situating them in the wider contexts of genres, literary movements, history, society, and culture. The course invites students to both analyze and create literary texts and to enter into an ongoing scholarly conversation about the roles of literature in Hispanic cultures.

SPAN 3101 - Spanish Conversation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3015 with a minimum grade of C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3015 with a minimum grade of C
Grammar review, vocabulary expansion, and writing practice, based on contemporary and cultural topics.

SPAN 3131 - Applied Intercultural Competencies

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Grade of C or higher in SPAN 1001
This course introduces students to theories and practices of intercultural competencies. Offered in conjunction with study abroad programs, this course equips students with the comparative cultural and theoretical frameworks that will empower them to interpret their intercultural and multilingual experiences while abroad. Students will develop their knowledge of language, culture, and foundational concepts and applications of cultural competencies through the culturally contextualized case-studies of their own study abroad experiences.

SPAN 3450 - Spanish for Business

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 with a minimum grade of C
A study of Hispanic film and literature.

SPAN 4205 - Hispanic Literature and Culture in Context

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 with a minimum grade of C
A study of the short story in Spain with representative readings.

SPAN 4250 - Translation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 with a C or better
A study of major poems, poets, and trends in poetics in Spain between the nineteenth century and the present. Students read poems by canonical and lesser-known poets, examining a diverse array of writers. Students read poems in relation to their historical, cultural, and aesthetic contexts and connect poetry to other art forms such as painting and music.

SPAN 4280 - The Spanish Golden Age

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPAN 3102 with a minimum grade of C
A study of representative works of the Golden Age (16th and 17th centuries) in Spain.

SPAN 4350 - Language Internship

(0 Lecture Hours 1-3 Lab Hours 1-3 Credit Hours)

Prerequisites: SPAN 1002
Through internships, this course provides students with the opportunity to gain supervised work experience in an agency or organization that is relevant to the study of language and culture. Credit hours are based on the following scale: 45 work hours per semester=1 course credit hour; 90 work hours per semester=2 credit hours; 135 work hours per semester=3 credit hours . The course can be repeated for up to 3 credit hours. It cannot be used to replace FORL 4586.

SPAN 4484 - Senior Capstone

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisites: FORL 3000 , and permission of Instructor
This course will allow senior-level students to reflect on what they have learned throughout their time as Spanish majors at UWG and to prepare themselves to enter the professional world and/or graduate school. Throughout the semester, students will meet with faculty members in order to develop a pre-approved research project and a portfolio. Students will present their project in a public forum. Students will also complete an Oral Proficiency Interview. Requires permission of instructor.

SPAN 4501 - Foreign Language Teaching in Elementary Schools

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: SPAN 3102 with a minimum grade of C

Readings, reports, and/or direct study abroad.

Special Education

SPED 3700 - Introduction to Special Education and Severe Disabilities

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Teacher Education Admission TE
A study of the characteristics and needs of persons with disabilities with a focus on P-12 students who have severe disabilities. Topics include etiology, definition, typical versus exceptional child development, identification, age- and level-related characteristics, associated conditions, family/community issues, service needs and options, and resources. "Best" teaching practices for these learners will be examined. Students must earn a grade of "B" or better in SPED 3700 or department approved alternative to meet the special education requirement of Georgia House Bill No. 671 and be recommended for educator certification in Georgia. The grade requirement of "B" or better is effective July 1, 2019, for courses completed on or after that date.

SPED 3701 - Language Development of Children with Disabilities

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
Application and interpretation of formal and informal test measures designed for classroom evaluation of children.

SPED 3703 - Behavior Modification

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Teacher Education Admission TE, SPED 3700
This course examines underlying concepts, features, and uses of behavioral techniques for decreasing inappropriate behavior and increasing desirable skill levels of individuals with disabilities. Although course content is applicable to many groups, the focus is on youngsters with severe disabilities.

SPED 3704 - Assessment of Students with Severe Disabilities

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education
Application and interpretation of formal and informal test measures designed for classroom evaluation of children. In addition to general information related to assessment in special education, this course focuses on youngsters with severe cognitive disabilities, those for whom Adapted Curriculum teacher certification is needed.

SPED 3705 - Policies and Procedures in Special Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program (TE) or Admission to Speech-Language Pathology (SLPA)
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. Students must earn a grade of "B" or better in SPED 3713 or department approved alternative to meet the special education requirement of Georgia House Bill No. 671 and be recommended for educator certification in Georgia. The grade requirement of "B" or better is effective July 1, 2019, for courses completed on or after that date.

SPED 3714 - Behavior and Classroom Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education (TE) or Admission to Speech-Language Pathology (SLPA)
Theoretical formulations and practical applications of behavioral and instructional techniques, especially as they apply to classroom management and assisting students in developing pro-social behavior.

SPED 3715 - The Inclusive Classroom: Differentiating Instruction

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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. Students must earn a grade of "B" or better in SPED 3715 or department approved alternative to meet the special education requirement of Georgia House Bill No. 671 and be recommended for educator certification in Georgia. The grade requirement of "B" or better is effective July 1, 2019, for courses completed on or after that date.

SPED 3717 - Diversity and Disabilities

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3750 - Diverse Experiences Practicum

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Teacher Education TE and Educ. Field Experience Appl FE
This course provides students the opportunity to learn about a variety of intersections between special education services and diverse educational settings. Students will hear from professionals who have a wide range of experience within the field of special education. The goal of this course is to expose students to the diverse pathways that exist within the field of special education. Students will also begin their field experiences within this course. Students will complete 2 days of field placements per week. Students who are currently employed as a paraprofessional in a P-12 public education setting will be required to complete observation hours in grade bands, outside of the grade band of their current position, over the course of the semester.

SPED 3751 - Practicum I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education; Application for field experience required prior to enrollment.
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 coursework in the program in special education. Requires full time participation in a school setting for part of the semester.

SPED 3752 - Practicum II

(0 Lecture Hours 3 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education; Application for field experience required prior to enrollment.
Field experience in the public schools under the supervision of an experienced, qualified classroom teacher 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 disabilities typically engage. Requires full time participation in a school setting for part of the semester.

SPED 3753 - Practicum I Dual Certification

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: Teacher Education Admission TE and Educ. Field Experience Appl FE
Field experience in public schools under the supervision of an experienced, qualified classroom teacher in the fields of intended certifications. This field experience supports program coursework in elementary education and special education. Requires full-time participation in assigned school settings three days per week throughout the semester.

SPED 3754 - Practicum II Dual Certification

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Prerequisites: SPED 3753 and Teacher Education Admission TE and Educ.Field Experience Appl FE
This course is designed to engage students in clinical experiences in both general and special education and supports program coursework in elementary education and special education. Requirements include observing, planning, and implementing learning activities for students with and without disabilities under the supervision of a qualified supervisor.
Students are in-field three days per week throughout the semester in a designated PK-5 public school site. Teacher candidates spend half of the semester in the traditional general education classroom under the supervision of a certified general education teacher and half a semester in a co-taught general education classroom or special education resource classroom under the supervision of a special education teacher.

SPED 3760 - Curriculum and Methods I: Students with Severe Disabilities

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPED 3700
An examination of curriculum and instructional strategies for students with severe disabilities. Topics to be addressed include planning and implementing instruction, connections with general education curricula, specialized curricula in relevant areas, specialized strategies for addressing specific needs, and evaluation of instruction. Children of preschool and elementary age will be the focus of this class, although much of the content applies across the lifespan.

SPED 3761 - Mild Disabilities: Methods for Instruction

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Teacher Education Admission TE
This course entails the study and application of curriculum, methods, classroom organization, and management for students with mild disabilities. Corequisite: SPED 3751

SPED 4705 - Characteristics of Learner: LD and BD

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 - Ethics, Policies and Procedures in Special Education

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Teacher Education Admission (TE) or Admission to Speech-Language Pathology (SLPA)
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.

SPED 4710 - Ethics, Policies, and Procedures in Special Education

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisite: Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
A survey of the communication characteristics and needs of students with disabilities, including characteristics and acquisition of normal speech and language, variations of speech and language in students with disabilities, and relevant intervention strategies, materials, and resources. In addition, aspects related to instructional language, assistive technology for students with mild disabilities, and implications of cultural/linguistic diversity for language, technology, and educational programs will be discussed.

SPED 4713 - Collaboration in School Settings

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program (TE)
Covers various collaborative roles required of service providers in education, with an emphasis on team interaction and meeting the needs of students with special needs in inclusion settings.

SPED 4722 - Collaboration: Services for Students with Severe Disabilities

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPED 3700
This course examines collaborative relationships involved in education of preschool and school age youngsters with severe disabilities. Specific topics include teaming models, working with related services and medical personnel, friendships and peer support, integrated therapy/education approaches, interactions with family members and

community agencies, working with paraprofessionals, inclusion of individuals with severe disabilities into school and community settings, and the influence of cultural and community factors on interaction and collaboration.

SPED 4760 - Curriculum and Methods II: Students with Severe Disabilities

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPED 3700
This course expands on an earlier Curriculum and Methods class to focus on planning, curriculum, instructional strategies, and management pertinent to secondary education and transition programming for learners with severe disabilities. Self-determination and self-advocacy are among the specific topics addressed.

SPED 4761 - Mild Disabilities: Advanced Methods of Instruction

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Teacher Education Admission TE
This course includes the study and application of advanced curriculum and instructional methods for students with mild disabilities in the content areas.

SPED 4765 - Curriculum and Methods: LD and BD

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program 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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 18 Lab Hours 9 Credit Hours)

Prerequisite: College of Education field experience documentation required and Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program
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. Must be taken concurrently with SPED 4786. Requires completion of Blocks I-III or permission of instructor.

SPED 4790 - Internship Dual Certification

(0 Lecture Hours 6 Lab Hours 0 Credit Hours)

Prerequisites: SPED 3754 and Educ.Field Experience Appl FE and Teacher Education Admission TE
Teaching one semester in a public school under the supervision of an experienced, qualified classroom teacher on the level and in the field of elementary education and /or special education. A student teaching seminar (SPED 4789) accompanies student teaching. Application for field experience is required prior to enrollment. Must be taken concurrently with SPED 4789. Requires completion of Blocks I-III or permission of instructor. Corequisites: SPED 4789

SPED 4791 - Practicum: Learning Disabilities and Behavior Disorders

(0 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program 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.

Speech Language Pathology

SLPA 3701 - Introduction to Communication Disorders

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course provides an introduction to the nature of communicative disorders, including an overview of speech, hearing, language, and swallowing disorders in children and adults. Methods of identification and remediation are explored.

SLPA 3702 - Speech and Language Acquisition

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course examines speech and language acquisition in the typically developing child, covering the typical developmental stages for the acquisition of the content, form, and use of language.

SLPA 3703 - Phonetics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course provides an introduction to phonetics including speech perception and production, with focus on segmental (vowel and consonant) and suprasegmental aspects, phonetic transcription, dialectal variation, and speech in context.

SLPA 3704 - Anatomy and Physiology of Speech and Hearing

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is a study of the anatomical structures and physiology of speech production, hearing, swallowing, and

neurological systems. Information related to respiration, phonation, resonation, articulation, swallowing, hearing, and neurology in normal children and adults are emphasized.

SLPA 3705 - Speech and Hearing Science

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This course is a study of the science involved in the anatomical, physiological, and psycho-social processes of speech, language, and hearing in children and adults. The course introduces students to the scientific foundations that underlie the respiration, phonation, resonation, articulation, and hearing processes. These concepts are emphasized through theories/models and behavioral/instrumental measurements.

SLPA 3760 - Articulation and Phonological Disorders

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SLPA 3701 and SLPA 3702 and SLPA 3703
This course provides a study of the etiology, diagnosis, and treatment of articulation and phonological disorders. This course is designed to provide students a basic foundation in the assessment and treatment of articulation and phonological disorders in children. Characteristics of the speech sounds of English and normal acquisition of speech production skills, including dialectal variations, will be covered.

SLPA 3790 - Introduction to Clinical Practicum: Observation

(1 Lecture Hours 6 Lab Hours 3 Credit Hours)

Prerequisite: SLPA 3701 and SLPA 3702 and SLPA 3703
This course provides students information about clinical practices in communication disorders, and the policies and regulations that govern them. Students will learn guidelines for evidence-based practice, principles of ethical practice, diagnosis and evaluation procedures, management of communication disorders, and report writing/clinical documentation skills. This course will also provide a supervised clinical experience in which the student clinician completes guided observation of speech-language pathology services. Upon successful completion, this course provides 25 hours of guided speech-language pathology observation as required by the American Speech Language and Hearing Association.

SLPA 4701 - Language Disorders in Children

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SLPA 3701 and SLPA 3702 and SLPA 3703
This course provides 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 these children.

SLPA 4703 - Introduction to Audiology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SLPA 3701 and SLPA 3704
This course provides an introduction to the field of audiology. The course covers basic auditory disorders, types of hearing loss, audiological assessment and interpretation, impact of hearing loss, and management of hearing loss in children and adults.

SLPA 4704 - Introduction to Manual Communication

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

This is an introductory course in manual communication systems, including history, descriptions, and cultural considerations. Receptive and expressive sign language skills will be developed. This course will introduce both manually coded English systems and American Sign Language.

SLPA 4720 - Introduction to Assessment of Speech-Language Pathology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SLPA 3701 and SLPA 3702 and SLPA 3703
This course provides knowledge of the principles and process of assessment for persons with communication, cognitive, and swallowing disorders. The anatomical/physiological, psychological, development, linguistic, and cultural correlates are emphasized.

SLPA 4721 - Introduction to Neurological Communication Disorders

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: 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, cognitive, and swallowing disorders of the central and peripheral nervous systems.

SLPA 4722 - Cultural Diversity in Communication Sciences and Disorders

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SLPA 3701
This course provides an overview of the cultural and linguistic influences related to speech-language pathology and audiology services. Students will develop cultural humility via exploration of the self, one's cultural background, and various cultural groups. Students will demonstrate contemporary knowledge of professional issues related to diversity, equity, and inclusion.

SLPA 4723 - Advanced Methods of Clinical Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: Admission to Teacher Education program 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 in Speech-Language Pathology and Audiology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SLPA 3701
This course introduces students to counseling for professional service delivery in speech-language pathology and audiology. Clinical roles and responsibilities, practice patterns and processes, ethics, skills, techniques, and counseling theories and approaches will be emphasized.

SLPA 4725 - Seminar: Speech Lang Path

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

This course provides an introduction to issues, topics, materials, and skills appropriate to the internship experience. It is designed to be taken concurrently with SLPA 4792 and to augment students' practicum experience through case studies, projects, and seminars which include presentations by both faculty and guest speakers. Corequisite: SLPA 4792

SLPA 4784 - Professional Practices in Speech-Language Pathology and Audiology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SLPA 3701
This course introduces students to contemporary professional issues in speech-language pathology and audiology. Topics that are emphasized include trends and legal considerations in professional practice, ethical standards and guidelines, interprofessional education and practice, the role of professional organizations, issues related to clinical education and training, certification and licensing processes, and clinical roles in various settings.

SLPA 4785 - Special Topics in Speech-Language Pathology

(0 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

Prerequisite: Admission to Teacher Education program
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.

SLPA 4792 - Internship: Speech Lang Path

(0 Lecture Hours 8 Lab Hours 8 Credit Hours)

Prerequisite: SLPA 3790
This course provides supervised clinical experience in speech-language pathology. Under the direct supervision of a certified speech-language pathologist, students will gain clinical clock hours in direct service provision for speech-language therapy clients in a school setting. Corequisiste: SLPA 4725

Sport Management

SPMG 2600 - Introduction Sport Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 2.00
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 frame-work 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 2.00
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 2.00
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 discusses to that effect, such as developing goals, making decisions, strategic planning, leadership, and human resource management. Requires an overall GPA of at least 2.0.

SPMG 3663 - Sport Facility Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 2.00
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, housekeeping 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 2.00
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 2.00
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 guide-lines 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 Lecture Hours 9 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 2.00
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 4000 - Collegiate Recreation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Sport Management (SPMG)
This course is designed to make students aware of the impact of sports on American culture and society. It includes theoretical positions in the sociology of sport and the significance of viewing sport from various social perspectives; the social organization from play to profession sport; violence and discrimination; women and ethnic minorities in sport; and the socialization implications from participation in sports. Students will use in-depth critical thinking analysis to explore the links that exist between sport and the major spheres of social life. In addition, moral decision-making and ethical dilemmas in sport, leisure, and exercise will be addressed.

SPMG 4005 - Diversity and Inclusion in Sport

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Sport Management (SPMG)
This course examines an encompassing perspective of diversity within sports organizations. The course offers students an analysis and understanding of the ways people within sport organization can differ, and how power differences based on this diversity impact experiences and outcomes. The course considers issues of the non-dominant, historically underrepresented elements of U.S. society, with a particular emphasis placed on racial, ethnic and gender issues.

SPMG 4010 - Sport Event Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Sport Management (SPMG).
Sport events have grown to encompass much of our free time. Because of this growth, event management is one of the most sought-after skills in the entertainment industry. With the construction of massive new facilities, there is a

growing need for skilled individuals who can fill arenas, stadiums, and coliseums with programming on a yearly basis. In an effort to help facilitate this need, this course provides you, the student, with necessary foundations of event management, including conceptualization, staffing, budgeting, financing, promoting, securing, and managing. Upon completion of this course, you will understand the competencies necessary for managing and operating sport events through theory and application.

SPMG 4015 - Fitness Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Sport Management (SPMG).
The purpose of this course is to introduce students to the fundamental concepts, principles, and best practices associated with managing a fitness facility. This course was developed with the intent of providing students with a general overview of the management issues facing fitness professionals in their careers.

SPMG 4020 - Foundational Management of Intercollegiate Athletics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Sport Management (SPMG)
This course is designed to provide the foundations of the management, marketing, financial and legal principles of intercollegiate athletic departments and organizations. This will include but is not limited to topic discussions on budgets, marketing, facility operations, game management, student-athlete conduct, and academic responsibility. Course material is comprised of lectures, readings, and interviews with industry professionals from a variety of different institutions, athletic departments, and educational and experiential backgrounds. Specifically, students will be offered insights into the foundations of: (a) the definition and history of sport management as it relates to college sport; (b) the governance and administration of intercollegiate athletics; (c) collegiate athletics finance and development; (d) college sport sponsorship and marketing; (e) game and facility operations; (f) social issues and the future of intercollegiate athletics.

SPMG 4025 - International Sport

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Sport Management (SPMG)
This course in international sport will expand your knowledge of sport management concepts, ideas, and applications. It will give you a global perspective on sport management fields, which include but are not limited to marketing, facilities, law, finance, ethics, and governance.

SPMG 4030 - Sales and Promotion in Sport

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Sport Management (SPMG)
This course will provide an overview of the ticket sales management facet of the sport industry. The student will leave this course with a solid understanding of what makes ticket sales, what it is, and how companies and entities apply these methods in the "real world". The course will concentrate on both the theories behind sales but also the current concepts and issues that are prevalent in the business of sport.

SPMG 4035 - Social Media and Sport

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Sport Management (SPMG)
This course is intended to introduce students to the professional use of social media in the context of sport. Students will be introduced to theoretical concepts associated to social media. Students will explore and evaluate the use of social media in a variety of sport-related contexts. Students will have the opportunity to discuss social media with peers and professionals in the field of sport.

SPMG 4040 - Sport Analytics and Fan Engagement

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Sport Management (SPMG)
Sport analytics utilizes data and quantitative methods in order to analyze performance and make better decisions in the competitive sports industry. This course is designed to help students to develop and apply analytical skills (e.g., statistical analysis, predictive analytics, mathematical modeling, critical thinking, game theory, simulation) that are useful in sport business. The course content will cover topics such as data management, statistic data analysis, modeling, and decision making in various sport settings.

SPMG 4045 - Sport Management Entrepreneurship in Sport

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: Admission to Sport Management (SPMG)
The purpose of this course is to introduce students to the fundamental concepts, principles, and best practices associated with entrepreneurship in sport. This course was developed with the intent of providing students with a general overview of the issues involved in starting a sport-related business.

SPMG 4584 - Pre-Internship Seminar in Sport Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 3670 Minimum Grade: C
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 2.00
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 2.00
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 6 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 research 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 Lecture Hours 1.0 - 3.0 Lab Hours 1.0 - 3.0 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: SPMG 2.00
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 Lecture Hours 24 Lab Hours 12 Credit Hours)

Prerequisite: SPMG 2.50 and College of Education field experience documentation required
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

STEM 3815 - Perspectives on Science and Mathematics

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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

THEA 1000 - Theatre Laboratory

(0 Lecture Hours 1 Lab Hours 0 Credit Hours)

Prerequisites: Students must have completed 15 credit hours with an overall GPA of 2.5 and an average GPA of 3.0 in THEA and XIDS 2002 (Theatre & Collaboration) courses to take this course.
Students who wish to follow the BFA in Theatre must take this course in order to audition or show their portfolio to gain entrance into the BFA in Theatre degree program. It is encouraged that students take THEA 1000 in their second semester at UWG (if the student is not transferring from another university), or in their first semester at UWG if they are a transfer student. This course is in preparation for the audition or portfolio review jury to get into the BFA in Theatre program. The jury is part of this course and will take place at the end of the semester the student takes this course. This is a Satisfactory/Unsatisfactory course. If a student receives a grade of Unsatisfactory, they will not be able to register as a BFA in Theatre candidate. All theatre majors and pre-majors required to enroll with a grade of S or U.

THEA 1100 - Theatre Appreciation

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An 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 Lecture Hours 2 Lab Hours 1 Credit Hours)

An introductory study of practical aspects of theatre production.

THEA 1112 - Performance and Production

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: THEA 1111
An introductory study of practical aspects of theatre production.

THEA 1291 - Voice and Movement I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An experiential study of fundamental voice and movement techniques for the actor.

THEA 1292 - Voice and Movement II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 1291 or Permission of Instructor
This course will continue to lay the foundation of voice and movement training for the actor. Students will explore how the actor's body and voice serve as a vehicle for the actor's artistry. The class will focus on self-discovery, increasing sensitivity and awareness, and finding release.

THEA 2050 - Self-Staging: Oral Communication in Daily Life

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

An introduction to the performative basis of oral communication and self-presentation.

THEA 2100 - Play Analysis

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: THEA 1111 and THEA 1112
An intermediate study of practical aspects of theatre production.

THEA 2112 - Performance and Production

(2 Lecture Hours 0 Lab Hours 1 Credit Hours)

Prerequisite: THEA 2111
Intermediate study of practical aspects of theatre production.

THEA 2214 - Concepts in Theatre and Film Design

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: THEA 1100 or Permission of Instructor
In this course, students will develop the skills to express their ideas as a designer. Emphasis will be placed on the use of the elements and principles of design, and the application of them through set, costume, lighting, props, and make-up design for both theatre and film. Heavy emphasis will be placed on the use of research and the ability to develop and use appropriate language (visual and spoken) to communicate an idea as a designer.

THEA 2215 - Introduction to Lighting, Sound and Media Technology

(2 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2290 or Permission of Instructor
The purpose of this course is to introduce the student to the basics Lighting, Sound and Media technology for the entertainment industry. Study topics will include identification of equipment; its name, basic functions, and common uses, developing familiarity with procedures and safe working practices for installing equipment in a variety of situations, and the various roles and responsibilities of team members in the various areas discussed in theatrical productions and companies. There will also be a practical element to this course, to familiarize students with proper procedures and techniques for use of all equipment relevant to this course.

THEA 2224 - Drafting and Computer Aided Design

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2290 or Permission of Instructor
This course is an introduction to working knowledge of theatrical drafting conventions and techniques. The use of design software (Vectorworks) will be used to create various 2-D plans, including light plots, set designs and technical shop drawings. This class will also explore basic use of Photoshop.

THEA 2290 - Stage and Film Craft I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: THEA 1100, or Permission of Instructor
Through lecture and hands on projects, students will learn basic scene shop and behind the scenes standards. Goal related projects will teach student how to operate basic stationary and hand tools found in the shop as well as how to read and build from CAD drawings. Basic construction techniques of how to build scenery for theatre, TV, and film will be discussed throughout the class. Heavy emphasis will be on shop safety and behind the scenes and set etiquette.

THEA 2291 - Developing A Character

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: THEA 1291 or Permission of Instructor
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 2292 - Contemporary Scene Study

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 1291 or Permission of Instructor
This course continues examining the process toward developing a character started in THEA 2291, focusing on different techniques and approaches. Content will include plays from the 20th century and beyond.

THEA 2310 - Stage Makeup

(2 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisites: THEA 1100 or Permission of Instructor

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 2315 - Rendering Styles

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 1100 or Permission of Instructor
This course is an introduction to theatrical sketching and rendering techniques. Various mediums will be explored (Pencil, paint, marker, digital media). Emphasis is on clear communication and presenting ideas through various mediums.

THEA 2325 - Costume Technology

(2 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2290 or Permission of Instructor
This course introduces students to the methods, materials, equipment, and processes of costume construction for the theatre. Students will have the opportunity to participate in the construction and overall production of the wardrobe for each of the shows in this semester as well as individual skill-building projects. The course involves class lectures and studio/lab projects.

THEA 2380 - Special Topics in Performance

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisites: THEA 1100 or Permission of Instructor
This course is offered on a one-time basis to cover different areas of performance in Theatre and Dance.

THEA 2391 - Fundamentals of Ballet

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisites: THEA 1291 or Permission of Instructor
This course introduces the fundamentals of ballet technique to the student actor/dancer.

THEA 2393 - Beginning Jazz

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisites: THEA 1291 or Permission of Instructor
This course introduces the fundamentals of Jazz to the student actor/dancer.

THEA 2395 - Musical Theatre Dance

(2 Lecture Hours 0 Lab Hours 2 Credit Hours)

Prerequisites: THEA 1291 or Permission of Instructor
The study of choreography in musical theatre works. Emphasis is placed on style, vocabulary, history, and technique.

THEA 2491 - Acting for the Camera

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2100 ; THEA 2291 , or Permission of Instructor
This course introduces students to the technique of acting for television and film. Through scene study and text analysis, students will develop techniques for acting in front of the camera.

THEA 2550 - Stage Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2100 ; THEA 2290 ; or Permission of Instructor
The stage manager is the glue that binds all production elements together. This course will examine the many dimensions and duties of the stage manager for live productions. It will focus on the important skills such as: communication, organization, and focus of the stage manager in the different phases of producing a play or musical (pre-production, rehearsals, performances, and post-production). Students will learn ways to create blocking notation, taping out floor plans from the simple to the complex, and different processes in running rehearsals and performances. Participation in classroom discussions and stage management simulations is required.

THEA 2900 - Sophomore Assessment

(0 Lecture Hours 0 Lab Hours 0 Credit Hours)

Prerequisites: Grade of Satisfactory in THEA 1000
This course is for BFA in Theatre candidates only and should be taken after successfully completing 45 credit hours or more. It is to measure and evaluate the competency of being cast or assigned one lead/major role/design-tech position per year (BFA students are required to earn at least one principal role/position in a UWG Theatre production per year). Students taking this course will meet with their mentor during the semester for evaluation of their production work as it relates to the BFA in Theatre. This is a Satisfactory/Unsatisfactory course. If a student receives a grade of Unsatisfactory, they will no longer be a BFA in Theatre candidate. Yes. It must first be taken after completing the first 30 credit hours in the BFA program, and pass with a Satisfactory. Must take again to pass juries.

THEA 3111 - Performance and Production

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: THEA 2111 and THEA 2112
Advanced study of practical aspects of theatre production.

THEA 3112 - Performance and Production

(0 Lecture Hours 2 Lab Hours 1 Credit Hours)

Prerequisite: THEA 3111
Advanced study of practical aspects of theatre production.

THEA 3201 - Stage & Film Craft II

(2 Lecture Hours 1 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2290 or Permission of Instructor
Through lecture and hands on projects, students will learn woodworking, welding, sculpting, and painting techniques for advanced construction of scenery for theatre, TV, and film. In addition, students will be oriented with advanced rigging for the theatre, and introduced to rigging and grip work and equipment for film.

THEA 3212 - Period Styles in Design

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2100 , THEA 2214 , or Permission of Instructor
This course is designed for students to obtain an introductory familiarity with historical progression, social and cultural background through architecture, furniture, decorative motifs and fashion history. The students will gain an appreciation and deeper understanding of the use of historical research in implementing into theatrical and film design.

THEA 3214 - Scenic Design

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: THEA 2214; THEA 2224; or Permission of Instructor
Through lectures, demonstrations, and class projects students will learn the fundamental conventions of scenic and production design for theatre and film. Emphasis will be placed on the development of design ideas resulting from script analysis, research techniques, drawings, and models.

THEA 3215 - Lighting Design

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2100 ; THEA 2214 ; THEA 2224 ; or Permission of Instructor
The purpose of this course is to introduce the student to the basics of Lighting Design for live entertainment, with some exploration of lighting for Film and Television. Study topics will include script analysis for lighting design, design development and execution, drafting for lighting design, and work on composition with lights. There will also be a practical element to this course, allowing students to explore lighting technology and composition in a hands-on settings.

THEA 3290 - Costume Design

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2214; THEA 2224 ; or Permission of Instructor
The student will be introduced to the total process of the costume designer. This process includes play analysis, research skills, costume period and style, design problems, rendering and construction skills, organization skills, and an understanding in the principles and elements of design. Prerequisites may be waived with permission of the instructor.

THEA 3291 - Voice and Movement II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: THEA 1291 and THEA 2291
Voice and Movement II is a continuation of principles learned in 1291. This course emphasizes intermediate level experiential study of advanced voice and movement techniques for the actor.

THEA 3357 - Theatre History I

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: THEA 1100 and THEA 2100
Survey of the roots of theatre and drama from the Greek period to Ibsen.

THEA 3391 - Acting Shakespeare

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2292 or Permission of Instructor
This course explores Shakespeare's plays and poetry from a performance perspective. Students will utilize text analysis, including scansion, monologue work, and scene study in order to truthfully perform Shakespeare's work.

THEA 3392 - Period Scene Study

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: THEA 3391 or Permission of Instructor
This course focuses on period styles of acting by exploring Greek, Victorian and Restoration history and performance. Students will apply research, use of costumes and properties and text analysis in various scene studies.

THEA 3394 - Directing

(2 Lecture Hours 2 Lab Hours 3 Credit Hours)

Prerequisite: THEA 1100 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 3491 - Advanced Acting for the Camera

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 2292 , THEA 2491 , or Permission of Instructor
This course will be a continued exploration of acting for film and television. Through scene study and text analysis, students will expand their range of emotional, intellectual, physical and vocal expressiveness for the camera. Students will have a completed demo reel by the end of the course.

THEA 3591 - Musical Theatre Technique

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 1292 and THEA 2291 , or Permission of Instructor
This course will incorporate acting, vocal, and some dance techniques learned in other courses in the preparation of Musical Theatre material. Students will explore synthesizing the three skills into musical theatre performances.

THEA 3900 - Junior Assessment

(0 Lecture Hours 1 Lab Hours 0 Credit Hours)

Prerequisites: Grade of Satisfactory in THEA 1000 & THEA 2900
This course is for BFA in Theatre candidates only and should be taken after successfully completing 75 credit hours or more. It is to measure and evaluate the competency of being cast or assigned one lead/major role/design-tech position per year (BFA students are required to be cast or assigned one major role/position each year). Students taking this course will meet with their mentor during the semester for evaluation of their production work as it relates to the BFA in Theatre. This is a Satisfactory/Unsatisfactory course. If a student receives a grade of Unsatisfactory, they will no longer be a BFA in Theatre candidate.

THEA 4111 - Production and Performance Capstone

(1 Lecture Hours 4 Lab Hours 3 Credit Hours)

Prerequisite: THEA 1112 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 4291 - Advanced Voice

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisites: THEA 1292; or Permission of Instructor
This course continues to address articulation difficulties and unwanted regionalisms that impede the actor's versatility. Dialect work will be covered, starting with Standard British speech, moving into a London Dialect (formerly called Cockney) and finishing with Irish and Jamaican dialects.

THEA 4301 - Solutions in Design and Technology

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Permission of Instructor
The purpose of this course is to present advanced Design and Technical theatre students with challenges akin to those they will face as young professionals. The focus will be on students facing design and technical challenges they have not had the opportunity to engage with in their practical course work through unrealized "paper" projects, and to move students to design in at least one area that is not their primary area of interest. This course will aim to both increase a student's depth of knowledge while increasing the breadth of their experience within the Design/Technology concentration in the BFA curriculum.

THEA 4412 - The Business of Acting

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite:THEA 2292 , or Permission of Instructor
This course is designed to prepare students for the professional world of acting - encompassing theatre, film, and television. Students will gain an understanding of the business of acting as well as learn how to promote and market oneself as a business. Students will select and rehearse scenes, monologues and/or songs for a final professional showcase.

THEA 4415 - Playwriting II

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: THEA 1100 and THEA 2100
This course focuses on the theory and mechanics of traditional play-writing 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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Course offered on a one-time or experimental basis to examine selected issues related to the Theatre Arts and performance.

THEA 4486 - Internship

(0 Lecture Hours 3.0 - 6.0 Lab Hours 3.0 - 6.0 Credit Hours)

Prerequisite: Permission of instructor required.
Opportunity for selected students to intern at theatre, film, commercial and entertainment companies. Repeatable to a maximum of 6 credit hours.

UTEACH

UTCH 2001 - Inquiry Approaches to Teaching

(1 Lecture Hours 0 Lab Hours 1 Credit Hours)

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 Lecture Hours 0 Lab Hours 1 Credit Hours)

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 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: UTCH 2001 with a minimum grade of C and UTCH 2002 with a minimum grade of C. Prerequisite 2.5 GPA
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.

UTCH 3002 - Classroom Interactions

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: UTCH 3001 with a minimum grade of C. Pre-requisite 2.5 GPA.
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).

UTCH 3003 - Project Based Instruction

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Prerequisite: UTCH 3001 with a minimum grade of C and UTCH 3002 with a minimum grade of C and College of Education field experience documentation required and Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 3 Credit Hours)

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 Admission to Teacher Education program
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 Lecture Hours 0 Lab Hours 9 Credit Hours)

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 College of Education field experience documentation required and Admission to

Teacher Education program
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.

Other Courses

AMGT 3000 - Introduction to Arts Management

(3 Lecture Hours 0 Lab Hours 3 Credit Hours)

Introduction to Arts Management is designed to give students an overview of leadership, development, and management of an arts organization. Students will be introduced to the various elements that are part of the "business" of an arts organization (budgeting, marketing, fundraising, accounting, marketing, and production).

AMGT 3400 - Arts Management Practicum

(0 Lecture Hours 1 Lab Hours 1 Credit Hours)

Arts Management Practicum allows students to assist on a project for course credit. Projects will be supervised by a faculty mentor(s), with whom the students will work closely. By the end of the course, students will have materials to include in their portfolios.

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