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<td>SPAN Spanish</td>
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<tr>
<td>SPED Special Education</td>
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<td>SSCI Social Science</td>
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<tr>
<td>STAT Statistics</td>
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<td>TCLD Teach Cult Ling Div Stdnt</td>
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<tr>
<td>TCM Construction Management</td>
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At a Glance
From www.georgiasouthern.edu/about

• Named “Military-Friendly” Gold school for the seventh year in a row in by Victory Media (http://militaryfriendly.com/schools/georgia-southern-university), publisher of G.I. Jobs, STEM Jobs and Military Spouse magazines
• Georgia Southern University has been included on the prestigious Green Ribbon Schools (https://www2.ed.gov/programs/green-ribbon-schools) list by the U.S. Department of Education
• For the eighth year in a row, Georgia Southern University was named one of the nation’s top eco-friendly campuses in The Princeton Review’s Guide to 399 Green Colleges
• Included in the “50 Best Nonprofit Colleges and Universities for Online Doctorates” by Nonprofit College Online (https://www.nonprofitcollegesonline.com/best-online-doctorates)
• For the second year in a row, Georgia Southern University has been recognized as a “Gold Level Campus” by Exercise is Medicine® on Campus (EIM®-OC) (https://www.exerciseismedicine.org/support_page.php?recognition-program) for the University’s diligence to make physical activities a standard on campus.
• Ranked number one in “Best Online Master’s in Educational Leadership Program” by OnlineMasters.com (https://www.onlinemasters.com/best-degree-programs/education/educational-leadership)
• Georgia Southern ranked in the top 5 percent of schools for gender diversity according to College Factual.
• Georgia Southern University is number two among “Most Affordable Colleges in Georgia” by College Affordability Guide.
• Georgia Southern’s Jiann-Ping Hsu College of Public Health was the first such facility in the University System of Georgia and is one of only 48 in the country to be accredited by the Council on Education for Public Health.
• The Allen E. Paulson College of Engineering and Computing is home to the first undergraduate Manufacturing Engineering program in the state of Georgia, one of only 20 such programs nationwide.
• Georgia Southern is one of only 14 schools in the country that have both the National Security Agency/Department of Homeland Security Center of Academic Excellence in Cyber Defense Education and the Department of Defense Cyber Crime Center designation as a Center of Digital Forensics Academic Excellence. Georgia Southern also maintains a Memorandum of Understanding with the U.S. Army Cyber Center of Excellence as an academic training partner for the U.S. Army Cyber workforce.
• The Waters College of Health Professions is ranked number one in the “20 Most Affordable Online BSN Degrees” by College Choice, number two in the “10 Most Affordable Doctorate in Nurse Practitioner Online” and number two in the “10 Most Affordable Doctorate in Nurse Practitioner Online” by Grad School Hub.

Strategic Pillars
The University Strategic Plan goals, objectives and actions are designed around five structural themes—our Strategic Pillars:

Strategic Pillar 1: Student Success
Strategic Pillar 2: Teaching and Research
Strategic Pillar 3: Inclusive Excellence
Strategic Pillar 4: Operational Efficiency, Effectiveness and Sustainability
Strategic Pillar 5: Community Engagement

Learn More about the University
• Administrative Structure (p. 10)
• Archived Catalogs (http://catalog.georgiasouthern.edu/glance/archive)
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## Administrative Structure

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<thead>
<tr>
<th>Name</th>
<th>Title/Role</th>
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<tbody>
<tr>
<td>KYLE MARRERO, B.M., M.M.,</td>
<td>President</td>
</tr>
<tr>
<td>D.M.A.</td>
<td></td>
</tr>
<tr>
<td>TRIP C. ADDISON, B.S., M.B.A.</td>
<td>Vice President for University</td>
</tr>
<tr>
<td></td>
<td>Advancement</td>
</tr>
<tr>
<td>ANNALEE ASHLEY, B.B.A</td>
<td>Chief of Staff &amp; External Affairs</td>
</tr>
<tr>
<td>JOHN LESTER, B.S., M.P.A.,</td>
<td>Vice President for University</td>
</tr>
<tr>
<td>D.P.A.</td>
<td>Communications &amp; Marketing</td>
</tr>
<tr>
<td>SCOT LINGRELL, B.A., M.A.,</td>
<td>Vice President for Enrollment Management</td>
</tr>
<tr>
<td>Ph.D.</td>
<td></td>
</tr>
<tr>
<td>MELANIE MILLER, B.A., M.A.,</td>
<td>Interim Vice President for Student Affairs</td>
</tr>
<tr>
<td>Ed.D.</td>
<td></td>
</tr>
<tr>
<td>CARL L. REIBER, B.S., M.S.,</td>
<td>Provost and Vice President for Academic Affairs</td>
</tr>
<tr>
<td>Ph.D.</td>
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</tr>
<tr>
<td>ROBERT WHITAKER, B.B.A.,</td>
<td>Vice President for Business and Finance</td>
</tr>
<tr>
<td>M.B.A.</td>
<td></td>
</tr>
<tr>
<td>ALLEN AMASON, B.B.A., Ph.D.</td>
<td>Dean, Parker College of Business</td>
</tr>
<tr>
<td>MOHAMMAD DAVOUD, B.S., M.S.,</td>
<td>Dean, Allen E. Paulson College of Engineering and Computing</td>
</tr>
<tr>
<td>Ph.D.</td>
<td></td>
</tr>
<tr>
<td>STUART TEDDERS, B.S., M.S.,</td>
<td>Interim Dean, Jiann-Ping Hsu</td>
</tr>
<tr>
<td>Ph.D.</td>
<td>College of Public Health</td>
</tr>
<tr>
<td>DELANA GAJDOSIK-NIVENS, B.S.</td>
<td>Dean, College of Science and Mathematics</td>
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<tr>
<td>Ph.D.</td>
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</tr>
<tr>
<td>BARRY JOYNER, B.S., M.Ed.,</td>
<td>Dean, Waters College of Health Professions</td>
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<tr>
<td>Ph.D.</td>
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</tr>
<tr>
<td>AMY HEASTON, B.S., M.A.E.,</td>
<td>Interim Dean, College of Education</td>
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<tr>
<td>Ed.D.</td>
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<tr>
<td>RYAN SCHROEDER, B.A., M.A.,</td>
<td>Dean, College of Behavioral and Social Sciences</td>
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<tr>
<td>Ph.D.</td>
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<tr>
<td>LISANDRA CARMICHAEL, B.A.,</td>
<td>Dean, University Libraries</td>
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<tr>
<td>M.A., Ph.D.</td>
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<tr>
<td>CURTIS E. RICKER, B.A., M.A.,</td>
<td>Dean, College of Arts and Humanities</td>
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<tr>
<td>D.A.</td>
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<tr>
<td>MARK WHITESEL, B.A., M.A.,</td>
<td>Interim Dean of Student Services</td>
</tr>
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<td>Ph.D.</td>
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Campus Directory and Map

Campus Directory
For the most current campus directory information, go to https://directory.georgiasouthern.edu/ or contact The Welcome Center at (912) GSU-INFO (912-478-4636).

Campus Map and Legend
For the latest, up-to-date campus map and legend information, please visit our web site at https://www.georgiasouthern.edu/map/.
# College Structure

The academic credit programs of the University are administered by eight colleges: the College of Arts and Humanities, the College of Behavioral and Social Sciences, the Parker College of Business, the College of Education, the Waters College of Health Professions, the Allen E. Paulson College of Engineering and Computing, the Jiann-Ping Hsu College of Public Health, the College of Science and Mathematics, and the Jack N. Averitt College of Graduate Studies. Except for the College of Graduate Studies, each of these is subdivided into schools or departments. A dean directs each college, a director or chair each school, and a chair in each department. The following organizational structure provides for the degrees, fields of study, and courses set out in this catalog.

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<th>I. College of Arts and Humanities</th>
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<tr>
<td>Betty Foy Sanders Department of Art</td>
<td>Mr. Jeff Garland, Chair</td>
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<tr>
<td>Department of Communication Arts</td>
<td>Dr. Pamela Bourland-Davis, Chair</td>
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<tr>
<td>Department of Foreign Languages</td>
<td>Dr. Eric J. Kartchner, Chair</td>
</tr>
<tr>
<td>Department of History</td>
<td>Dr. Carol Engelhardt Herringer, Chair</td>
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<tr>
<td>Department of Literature</td>
<td>Dr. Beth Howells, Chair</td>
</tr>
<tr>
<td>Department of Music</td>
<td>Dr. Steven Harper, Chair</td>
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<tr>
<td>Department of Philosophy and Religious Studies</td>
<td>Dr. Karin Fry, Chair</td>
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<tr>
<td>Department of Writing and Linguistics</td>
<td>Dr. Russell Willerton, Chair</td>
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<tr>
<td>Department of Human Ecology</td>
<td>Dr. Beth Myers, Chair</td>
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<tr>
<td>Department of Psychology</td>
<td>Dr. Michael Nielsen, Chair</td>
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<tr>
<td>Department of Public and Nonprofit Studies</td>
<td>Dr. Trent Davis, Chair</td>
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<td>Department of Sociology and Anthropology</td>
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<td>School of Accountancy</td>
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<td>Department of Economics</td>
<td>Dr. Yassaman Saadatmand, Chair</td>
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<tr>
<td>Department of Finance</td>
<td>Dr. Joseph S. Ruhland, Chair</td>
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<tr>
<td>Department of Information Systems</td>
<td>Dr. Yoris Au, Chair</td>
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<tr>
<td>Department of Logistics and Supply Chain Management</td>
<td>Dr. Gerard Burke, Chair</td>
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<tr>
<td>Department of Management</td>
<td>Dr. Steven D. Charlier, Chair</td>
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<td>Department of Marketing</td>
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<td>Department of Health Sciences and Kinesiology</td>
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</tr>
<tr>
<td>Department of Mathematical Sciences</td>
<td>Dr. Sabrina Hessinger, Interim Chair</td>
</tr>
<tr>
<td>Department of Military Science</td>
<td>Major Brian A. Montgomery, Chair</td>
</tr>
<tr>
<td>Department of Physics and Astronomy</td>
<td>Dr. Clayton Heller, Chair</td>
</tr>
</tbody>
</table>

| IX. Jack N. Averitt College of Graduate Studies | Dr. Ashley D. Walker, Dean |
Directory Information

Georgia Southern has defined Directory Information to include the student’s name, affirmation of whether the student is currently enrolled, post office box, local telephone number, classification (freshman, sophomore, junior, senior, or graduate student), employment title and contact information, major, participation in activities, weight and height of members of athletic teams, dates of attendance, degrees and awards received, thesis/dissertation title and faculty mentor, photograph, and most recent educational institution attended. This information is considered public information and will be released to those requesting such information unless the student has specifically requested that the information in this category be restricted. Students who wish to prohibit the release of Directory Information may present a written request to the Registrar and such information will not be released; however, requests that Directory Information be withheld from a written publication must be received in sufficient time to prevent delay in processing that publication.

Annual Notice of Privacy Rights

Georgia Southern is subject to the Family Educational Rights and Privacy Act of 1974 (FERPA; USC 1232g) which is designed to protect the student’s rights with regard to educational records maintained by the institution. Under this Act, a student has the following rights:

1. The right to inspect and review education records maintained by this institution that pertain to the student within 45 days after the day the institution receives a request for access. A student should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect.;

2. The right to request the amendment of the student’s education records that the student believes are inaccurate, misleading or a violation of privacy or other rights. A student who wishes to ask the institution to amend a record should write to the Office of the Registrar, clearly identifying the part(s) of the record the student wants changed, and specifying why the information should be changed.;

3. The right to provide written consent before the institution discloses personally identifiable information (PII) from the student’s education records, except to the extent that FERPA authorizes disclosure without consent.

Georgia Southern University discloses education records without a student’s prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official typically includes a person employed by the institution in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); or a student serving on an official committee, such as a disciplinary or grievance committee. A school official also may include a volunteer or contractor outside of the institution who performs an institutional service or function for which the school would otherwise use its own employees and who is under the direct control of the school with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent or a student volunteering to assist another school official in performing his or her tasks. Clinical preceptors/supervisors will be considered school officials when they are supervising a student’s clinical education. A school official typically has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the institution.

Upon request, the school also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the institution to comply with the requirements of FERPA. The name and address of the office that administers FERPA are:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202
General and Academic Information

The University is organized on the semester system with each of the two semesters (Fall and Spring) in the regular session extending over a period of approximately 15 weeks. The Summer semester extends over a period of approximately 9 weeks. Critical dates associated with the annual academic cycle are specified in the university academic calendar (http://em.georgiasouthern.edu/registrar/resources/calendars/). Consecutive fall and spring semesters constitute an academic year.

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  - Academic Intervention Policy (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/academic-intervention-policy)
  - Academic Standing Policy (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/academic-standing)
  - Border County Fee Waiver (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/border-county-fee-waiver)
  - Continuous Enrollment Requirements (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/continuous-enrollment-requirements)
  - Correspondence Study (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/correspondence-study)
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  - Internal Credit Sharing Between Graduate Degrees (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/internal-credit-sharing)
  - Non-Medical Leave of Absence (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/non-medical-leave-absence)
  - Off-Campus Research (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/off-campus-research)
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  - Records (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/records)
  - Registration Policies (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/registration-policies)
• Reinstatement Appeal (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/reinstatement-appeal)
• Theses and Dissertations (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/theses-dissertations)
• Graduate Programs and Requirements (http://catalog.georgiasouthern.edu/graduate/graduate-studies/graduate-programs)
  • Certificates and Endorsements (http://catalog.georgiasouthern.edu/graduate/graduate-studies/graduate-programs/certificates-endorsements)
  • Master's Programs (http://catalog.georgiasouthern.edu/graduate/graduate-studies/graduate-programs/masters)
  • Education Specialist Programs (http://catalog.georgiasouthern.edu/graduate/graduate-studies/graduate-programs/education-specialist)
  • Doctoral Programs (http://catalog.georgiasouthern.edu/graduate/graduate-studies/graduate-programs/doctoral)
• Additional Programs and Services (http://catalog.georgiasouthern.edu/graduate/graduate-studies/additional-programs-services)
  • Graduate Degree Program Directors/Coordinators (http://catalog.georgiasouthern.edu/graduate/graduate-studies/additional-programs-services/degree-program-directors-coordinators)
• Preparing for Graduation (http://catalog.georgiasouthern.edu/graduate/graduate-studies/preparing-graduation)
• Graduate Faculty (http://catalog.georgiasouthern.edu/graduate/graduate-studies/faculty)
History of Georgia Southern University

When First District Agricultural & Mechanical School’s inaugural academic year began in 1908, few could have foreseen a major American university growing out of four faculty members and 15 students in just a little more than one lifetime.

Now in its second century of service, Georgia Southern boasts 27,000-plus students, more than 2,000 faculty and staff, 141 programs of study at the bachelor’s, master’s and doctoral levels, and three vibrant campuses in Statesboro, Savannah and Hinesville.

Statesboro Campus

The Statesboro Campus was founded in 1906 as a school for teaching modern agricultural production techniques and homemaking skills to rural school children. The First District A&M School began within two decades to shift its emphasis to meet the growing need for teachers within the state. Its name and mission were changed in 1924 to Georgia Normal School as a training ground for educators, though it continued to accept “preparatory” or high school students. Five years later in 1928, full-fledged senior college status was granted as South Georgia Teachers College.

Ensuing decades saw additional name and mission changes: to Georgia Teachers College in 1939 and Georgia Southern College in 1959. Continued program and physical expansion, including one seven-year stretch, 1984-91 in which enrollment doubled from just over 6,000 to more than 12,000 students, led to a final transformation in 1990 – to Georgia Southern University.

Armstrong Campus and Liberty Campus

In 1935, Savannah Mayor Thomas Gamble founded the Armstrong Campus — then known as Armstrong Junior College — in order to help stimulate Savannah’s economy and advance opportunities for local youth who could not afford to attend college away from home. The school began with 175 students, and was located in the historic Armstrong House on Bull Street at the northern end of Forsyth Park. In 1966, after receiving four-year status and a 250-acre donation from The Mills B. Lane Foundation and Donald Livingston, Armstrong State College moved to its current location on Abercorn Extension in Savannah’s southside.

Throughout the next 30 years of growth, Armstrong added graduate programs in business and education, and became a Regional Health Professions Education Center. The institution’s growth culminated in 1996 with university status and a new name: Armstrong Atlantic State University. Just two years later, Armstrong collaborated with Georgia Southern and other USG institutions to create the Liberty Center in Hinesville in order to offer degree programs to the active duty and veteran military and their families in the area. Liberty County is the home of Fort Stewart, the largest military base east of the Mississippi.

Georgia Southern University Now

In 2018, Armstrong State University and Georgia Southern University consolidated, creating a an institution that retained the Georgia Southern University name comprised of nine colleges on three campuses: the Statesboro Campus, the Armstrong Campus in Savannah and the Liberty Campus in Hinesville.

Just as in the days of First District A&M and Armstrong Junior College, Georgia Southern University eagerly pursues new avenues to meet the challenges of a changing world.
How to Use This Catalog

The Georgia Southern University General Catalog is an information book and reference guide dealing with different aspects of the University - its policies, facilities, degree programs, course offerings, services, and faculty.

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

While the provisions of this Catalog will ordinarily be applied as stated, Georgia Southern University reserves the right to change any provision listed herein, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students advised of such changes. Information on changes will be available in the Office of the Registrar. Ultimately, each student is responsible for keeping himself or herself apprised of current graduation requirements in his or her particular degree program. While academic advisors should be consulted regularly, students are responsible for the completion of their chosen degree programs.

If you have suggestions for improving this Catalog, please contact us at (912) 478-0064.
Intercollegiate Athletics

Intercollegiate athletics provide an opportunity for highly-skilled student-athletes to compete regionally and nationally at the NCAA Division I level. These activities are conducted under the control of the Georgia Southern University Athletics Committee and within the rules and regulations of the National Collegiate Athletic Association and the Sun Belt Conference. Intercollegiate athletics are an integral part of the total college experience and, as such, Georgia Southern sponsors programs for men in football, baseball, basketball, golf, soccer and tennis, and for women in basketball, volleyball, swimming and diving, softball, soccer, tennis, rifle, golf, cross-country, and indoor/outdoor track.

Georgia Southern student-athletes and teams have enjoyed national success as evidenced by six NCAA Football Championship Subdivision titles in addition to NCAA Tournament and NCAA Championship participation in men’s and women’s basketball, baseball, men’s golf, women’s soccer, softball, women’s tennis, outdoor track and diving. Georgia Southern University moved to the Football Bowl Subdivision (FBS) in 2014, captured the Sun Belt Conference championship in 2014 and won the GoDaddy Bowl, the first bowl game in program history, in 2015. Georgia Southern joined the Sun Belt Conference prior to the 2014-15 season and all 17 varsity programs compete in the league with the exception of women’s swimming and diving (Coastal Collegiate Sports Association) and women’s rifle (Southern Conference).
Outreach Facilities on the Georgia Southern Campus

• Garden of the Coastal Plain
  Centered on an early 20th century farmstead, the Garden offers visitors a unique view of the cultural and natural heritage of the Southeastern Coastal Plain, an area rich in unique and endangered plants. The Garden’s nearly 11 acre site, located in the middle of the growing city of Statesboro, includes walking woodland trails, Bland Cottage, Heritage Garden, Rose Arbor, Children’s Learning Garden, Camellia Garden, Native Plant Landscape Garden, Native Azalea Collection, and Bog Garden. The Garden is a research and educational resource for faculty and students and provides educational and cultural programs for the public. The Garden is also available for rentals such as photography sessions, weddings and receptions. The Garden’s grounds are open 9:30 a.m. to 7 p.m. Monday through Friday and 1 p.m. until 4 p.m. on Sunday. Buildings are open Monday through Friday, 9:30 a.m. to 5 p.m., and Sunday, 1 p.m. to 4 p.m. For more information, call the Garden office at (912) 871-1149, or visit the website at academics.georgiasouthern.edu/garden.

• The Georgia Southern University Museum
  Since 1982, the Georgia Southern University Museum has sought to preserve, exhibit, and interpret objects pertaining to the unique cultural heritage and natural history of this region. A world-class mosasaur specimen and *Georgiacetus vogtlensis*, the oldest fossil whale ever discovered in North America, are among the many exhibits reflecting Georgia’s prehistoric past. The museum also hosts a variety of changing exhibits and programs relevant to the University’s academic departments—often curated by faculty and students. The museum also presents several offsite exhibits on local and University history. The museum’s outreach program, Project SENSE, partners with the Institute for Interdisciplinary STEM Education to offer resources to teachers across south Georgia to teach hands-on science. The museum serves as a research and educational resource for faculty, staff, students, the general public, and schools in south Georgia. Opportunities exist for undergraduate and graduate student involvement in all aspects of the museum’s programs. The museum is open Tuesday through Friday from 9 a.m. to 5 p.m., and on Saturdays and Sundays from 2 p.m. to 5 p.m. The Museum’s exhibits in the Rosenwald Building will be closed for renovations during the 2018-19 academic year. Inquiries may be directed to the museum at (912) 478-5444. Visit the website at academics.georgiasouthern.edu/museum.

• The Center for Wildlife Education and The Lamar Q Ball, Jr. Raptor Center
  Since its opening in 1997, the Center for Wildlife Education & Lamar Q Ball Jr. Raptor Center has grown into one of the leading environmental education facilities in Georgia. At over 17 acres in size, the Center supports Georgia Southern University’s environmental education programs with a mission to provide wildlife encounters for school children and citizens of the region. The Center displays numerous species of eagles, hawks, falcons, owls, and vultures showcased in their natural habitats. Flighted raptor demonstrations and reptile programs are offered to the public on weekends and to scheduled groups on weekdays. The Center includes exhibits dedicated to Georgia’s wildlife, as well as a new exhibit, Under Attack, which brings attention to invasive species impacting Georgia. Built through private donations, the $3 million Center is supported operationally through state, private and public partnerships. The 12-acre expansion, the Wetland Preserve, opened in 2009 to educate visitors on wetland ecosystems and waterfowl and wading birds that are native to Georgia. Inquiries may be directed to the Center at (912) 478-0831. Visit the website at academics.georgiasouthern.edu/wildlife.

• The Center for the Performing Arts
  The Georgia Southern University Performing Arts Center is located in the Nessmith-Lane Conference Center. The 34,000 square foot facility houses an 825-seat theatre with state-of-the-art lighting and sound systems. Programming is booked to reflect the Center’s mission: “To present diverse, quality cultural experiences to the Georgia Southern University and regional communities through the performing arts. To support and enhance the University's performing art departments. To promote the discovery, appreciation, and enrichment of the performing arts to all with accessibility to perform and train in a professional, state-of-the-art performing arts center.” The Main Stage Season includes national and international touring performing artists representing diverse genres such as music concerts, theatre, and dance, while the School Matinee Series brings quality theatrical and music performances to enhance local and regional school curriculums. Inquiries may be directed to the Box Office at (912) 478-7999 or to the Center’s administrative offices at (912) 478-0830. Visit the website at georgiasouthern.edu/pac.
Strategic Values and Priorities

At Georgia Southern University, our learner-centered culture prepares us to think, lead, teach, and serve. We value collaboration, academic excellence, discovery and innovation, integrity, openness and inclusion, and sustainability. We promote talent and economic development to enhance quality of life through scholarly pursuits, cultural enrichment, student life, and community engagement across distinctive campuses. Our success is measured by the global impact of our students, faculty, staff, and alumni.

We define our values as:

**Collaboration:** Georgia Southern University embraces shared governance, teamwork, and a cooperative spirit that shapes our engagement with students, faculty, staff and communities.

**Academic Excellence:** Georgia Southern University academically challenges students, providing them with the knowledge, experiences, and support they need to develop into productive and responsible citizens.

**Discovery and Innovation:** Georgia Southern University promotes environments and technologies that encourage and facilitate creative, problem-solving collaborations among students, faculty, staff, and community partners.

**Integrity:** Georgia Southern University creates a caring, respectful environment that is deeply committed to ethical decision-making in the spirit of collegiality.

**Openness and Inclusion:** Georgia Southern University values the diversity of all people, communities, and disciplines with an unwavering commitment to equity and inclusion.

**Sustainability:** Georgia Southern University is a conscientious steward of resources and supports the well-being of students, faculty, staff, and communities.
The Georgia Southern University Libraries

The GS Libraries support the University’s academic programs and the scholarly needs of students, faculty, and staff by providing information resources and high quality research services. The GS Libraries are a gateway to the Internet, electronic information resources, books, government documents, periodical articles, electronic books, audio-visual materials, and educational software.

The Libraries are also excellent locations for quiet or group study. For contact information, access to online resources and services, and full descriptions of the support we offer to faculty and students, visit library.georgiasouthern.edu, whether you are on the Statesboro, Armstrong, or Liberty campus.

Henderson Library, Statesboro Campus

The Henderson Library opened in 1975 after outgrowing the Rosenwald building. A $22.75 million expansion/renovation project began in summer 2004 and was completed in August 2008. This expansion added 101,000-square feet to the original building and included the first Automated Storage and Retrieval System in any library in the southeast. The total square footage of the building is 245,888.

The Library houses over 400 Internet-accessible personal computers, both Windows-compatible and Macintosh. Wireless access to the Internet and the campus network are offered if you wish to bring your own laptop or portable device. You can also borrow laptops, iPads and small portable whiteboards for use within the building at the checkout desk on second floor. We support a variety of standard and advanced software programs. Workshops on word processing, spreadsheets, HTML basics, and more are offered each semester.

Lane Library, Armstrong Campus

Named for Mills B. Lane, prominent Savannah-Atlanta Banker, philanthropist, and an early patron of the university, Lane Library was built in 1966 and substantially enlarged in 1975. The building was completely renovated in 2005-2006. Lane Library measures 50,000 sq. ft. and seats about 500. The space devoted to library services grew by about 25% with the 2013 opening of the Learning Commons in an adjacent renovated building. The Learning Commons seats about 250 and provides space and furniture for group learning activities. Both the Library and the Learning Commons feature group study rooms, Macs (21) and PCs (100), laptops that students can borrow, and Wi-Fi access.

Collections

The GS Libraries are a major academic resource for three campuses, with their extensive collections of scholarly books and journals, government publications, special book and manuscript collections, AV materials, and links to networked information resources in various electronic formats. Currently, the Libraries’ collections contain over 898,300 volumes of printed books and bound periodicals, and 91,000 physical media. In addition to the extensive physical collections, the Libraries also provide access to a growing number of electronic resources which includes over 656,500 electronic books, 104,700 electronic journals and related resources, 119,400 digital media, and 320 databases that contain indexes, abstracts, full-text articles, and digital images. These electronic resources are easily accessible both on and off campus 24/7.

Both libraries house special collections that contain rare books, manuscript collections, and artifacts relating to the history of local areas and the University. The Lane Library’s special collections include the University Archives and the Florence Powell Minis Collection, which contains published materials on local history and culture and first editions by Conrad Alken and other Savannah writers.

The Zach S. Henderson Library’s Special Collections division houses rare books, manuscript collections, and artifacts relating to the history of the Statesboro region and Georgia Southern University. Special Collections has materials documenting the Civil War, World War II, southern railroads, early businesses, and local genealogy. Popular collections include: the Okefenokee Swamp Collection, the Bulloch County Historical Society Collection, and the Lucile Hodges Collection. Also available for research are the Marvin S. Pittman Collection and the Charles Holmes Herty Collection, to name only a few.

Services

Books and other materials held at Henderson Library in Statesboro and Lane Library at the Armstrong campus may be requested for delivery to patrons at the other campuses within one or two business days. In addition, books from other University System of Georgia Libraries can be requested free-of-charge through the GIL Express service. Through the state-sponsored GALILEO system and through locally selected resources, library users have online access to hundreds of databases, five million book titles, thousands of academic journals, and many forms of media. Most journal articles and books that are not otherwise available can be requested from other libraries in the United States and around the world via an interlibrary loan service.

A notable and unique resource is Digital Commons@Georgia Southern, an open access digital collection whose purpose is to collect and disseminate the intellectual and creative output of the University’s faculty, staff, and students. Contributions come from all over the University and include theses/dissertations, conference proceedings, research publications, brochures, and newsletters.

The Library Liaison Program was created to provide better engagement with academic departments and their faculty and students across campuses. Liaison Librarians are available for one-on-one consultations, hold special seminars, teach library/Internet-use workshops, create subject guides for disciplines and courses, offer individualized research assistance, locate resources, and collaborate with researchers on data management plans (DMP’s) for grant proposals.

The Libraries offer extensive service hours during academic semesters, with some variation between facilities. The schedules vary for holidays and between terms, so check the Libraries website for details: library.georgiasouthern.edu. The web page also gives you the connections to our electronic resources, online catalog of library holdings, interactive reference service, and useful tips on finding the information you need.

Off-campus library services are supported through the online services described above and by local libraries. Off-campus faculty and students have access to online library resources via the Libraries’ web page using their MyGeorgiaSouthern credentials. Off-campus students may also request materials that are not available in full text online by using the Libraries’ online fulfillment service.

The Libraries’ administration actively seeks comments and suggestions concerning any aspect of its operations and collections. The Dean of the Libraries is available to meet with any member of the academic community to discuss the resources of the Libraries or its connections to other information networks and services throughout the world. To contact the Libraries, please visit the Libraries’ website at http://library.georgiasouthern.edu/about/contact/.
The University System of Georgia

The Board of Regents of the University System of Georgia was created in 1931 as 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 Board oversees 26 higher education institutions including: four research universities, four comprehensive universities, nine state universities, and nine state colleges. The University System of Georgia also includes the Georgia Public Library System and the Georgia Archives.

The governor appoints members to the Board, who each serves 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 Chair, the Vice Chair, and other officers of the Board are elected by the members of the Board.

System Institutions

Research Universities
• Augusta University, Augusta
• Georgia Institute of Technology, Atlanta
• Georgia State University, Atlanta
• University of Georgia, Athens

Comprehensive Universities
• Georgia Southern University, Statesboro
• Kennesaw State University, Kennesaw
• University of West Georgia, Carrollton
• Valdosta State University, Valdosta

State Universities
• Albany State University, Albany
• Clayton State University, Morrow
• Columbus State University, Columbus
• Fort Valley State University, Fort Valley
• Georgia College and State University, Milledgeville
• Georgia Southwestern State University, Americus
• Middle Georgia State University, Macon
• Savannah State University, Savannah
• University of North Georgia, Dahlonega

State Colleges
• Abraham Baldwin Agricultural College, Tifton
• Atlanta Metropolitan State College, Atlanta
• College of Coastal Georgia, Brunswick
• Dalton State College, Dalton
• East Georgia State College, Swainsboro
• Georgia Gwinnett College, Lawrenceville
• Georgia Highlands College, Rome
• Gordon State College, Barnesville
• South Georgia State College, Douglas

System Administration

Members of the Board of Regents

<table>
<thead>
<tr>
<th>Name</th>
<th>District</th>
<th>Term Ends</th>
</tr>
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<tbody>
<tr>
<td>Chris Cummiskey, Atlanta</td>
<td>(State-at-Large)</td>
<td>2020</td>
</tr>
<tr>
<td>Erin Hames, Atlanta</td>
<td>(State-at-Large)</td>
<td>2023</td>
</tr>
<tr>
<td>James M. Hull, Augusta</td>
<td>(State-at-Large)</td>
<td>2023</td>
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<tr>
<td>Donald M. Leebern, Jr.</td>
<td>(State-at-Large)</td>
<td>2026</td>
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<tr>
<td>Thomas Rogers Wade, Atlanta</td>
<td>(State-at-Large)</td>
<td>2020</td>
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<tr>
<td>Don L. Waters, Savannah</td>
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<td>2024</td>
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<tr>
<td>Barbara Rivera Holmes, Albany</td>
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<td>2025</td>
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<td>C. Thomas Hopkins, Jr., Griffin</td>
<td>(3rd District)</td>
<td>2025</td>
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<tr>
<td>C. Dean Alford, Conyers</td>
<td>(4th District)</td>
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<tr>
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<td>2024</td>
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<tr>
<td>Richard L. Tucker, Duluth</td>
<td>(7th District)</td>
<td>2026</td>
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<tr>
<td>W. Allen Gudenrath, Macon</td>
<td>(8th District)</td>
<td>2025</td>
</tr>
<tr>
<td>Philip A. Wilheit, Sr., Gainesville</td>
<td>(9th District)</td>
<td>2022</td>
</tr>
<tr>
<td>Benjamin J. Tarbutton III, Sandersville</td>
<td>(10th District)</td>
<td>2020</td>
</tr>
<tr>
<td>Neil L. Pruitt, Jr., Norcross</td>
<td>(11th District)</td>
<td>2024</td>
</tr>
<tr>
<td>Laura Marsh, Statesboro</td>
<td>(12th District)</td>
<td>2020</td>
</tr>
<tr>
<td>Sachin Shailendra, Atlanta</td>
<td>(13th District)</td>
<td>2021</td>
</tr>
<tr>
<td>E. Scott Smith, Ringgold</td>
<td>(14th District)</td>
<td>2020</td>
</tr>
</tbody>
</table>

For the most recent information, refer to [http://www.usg.edu/regents/members/](http://www.usg.edu/regents/members/).
# University Calendars

**Note:** Though the University will try to adhere to dates published here, it may become necessary to make changes to the published calendar. The Office of the Registrar will maintain updates to the calendar and any updates may be viewed on our web site, [http://em.georgiasouthern.edu/registrar/resources/calendars](http://em.georgiasouthern.edu/registrar/resources/calendars).

## Fall 2019 Full Term

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 8</td>
<td>New Faculty Orientation</td>
</tr>
<tr>
<td>August 8</td>
<td>Academic Standards Committee meeting, 1:00 p.m.</td>
</tr>
<tr>
<td>August 9</td>
<td>New Faculty Orientation, 9:00 a.m. - 4:00 p.m., Statesboro Campus</td>
</tr>
<tr>
<td>August 12</td>
<td>Academic Year Begins</td>
</tr>
<tr>
<td>August 12</td>
<td>Academic Standards Committee meeting, 1:00 p.m.</td>
</tr>
<tr>
<td>August 14</td>
<td>University Fall Convocation, Armstrong Campus 10:30 a.m. - 11:30 a.m.</td>
</tr>
<tr>
<td>August 14</td>
<td>University Fall Convocation Statesboro Campus 1:30 a.m. - 3:00 p.m.</td>
</tr>
<tr>
<td>August 15</td>
<td>Armstrong Campus – Residence Hall Move in for First Year Students, 8:00 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>August 16-18</td>
<td>Armstrong Campus – Residence Hall Move in for Returning and Transfer Students, 8:00 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>August 16</td>
<td>Statesboro Campus – Operation Move-In at the RAC, 8:30 a.m. - 5:00 p.m. and 5:30 p.m. - 10:00 p.m. in the residence halls</td>
</tr>
<tr>
<td>August 19</td>
<td>Fee payment deadline for Fall 2019, (First Day of University Classes)</td>
</tr>
<tr>
<td>August 19</td>
<td>Full Term, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>August 19-22</td>
<td>Full Term, Drop/Add</td>
</tr>
<tr>
<td>August 23</td>
<td>$100 Late Registration Fee begins</td>
</tr>
<tr>
<td>August 26</td>
<td>Cancellation of Fall Classes for Non-payment</td>
</tr>
<tr>
<td>September 2</td>
<td>Labor Day Holiday – Administrative offices closed – No classes</td>
</tr>
<tr>
<td>October 8</td>
<td>Full Term, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information (<a href="http://em.georgiasouthern.edu/registrar/students/withdrawal">http://em.georgiasouthern.edu/registrar/students/withdrawal</a>)</td>
</tr>
<tr>
<td>October 25</td>
<td>Final date for undergraduate and graduate students to apply for Fall 2019 graduation</td>
</tr>
<tr>
<td>October 26</td>
<td>Homecoming, Classes canceled beginning at 2:00 p.m. on Friday, October 25th</td>
</tr>
<tr>
<td>October 28</td>
<td>SARC (Student Accessibility Resource Center) Early Registration for Spring 2020 and Summer 2020 begins</td>
</tr>
<tr>
<td>November 4</td>
<td>Early Registration for Spring 2019 and Summer 2019 begins (Students should view WINGS for individual date and time)</td>
</tr>
<tr>
<td>November 8</td>
<td>Final date to hold terminal or comprehensive examination, theses and dissertation defenses</td>
</tr>
<tr>
<td>November 15</td>
<td>Final deadline for University System of Georgia full-time employees to apply for the Employee Tuition Assistance Program (TAP) for Spring 2020</td>
</tr>
<tr>
<td>November 15</td>
<td>Employee Tuition Assistance Program (TAP) registration for Spring 2020, via the web beginning at 8:30 a.m.</td>
</tr>
<tr>
<td>November 15</td>
<td>Deadline to submit electronic theses and dissertations to College of Graduate Studies for final format review</td>
</tr>
<tr>
<td>November 25-29</td>
<td>Thanksgiving Holidays for students, Residence halls open – Administrative offices open November 25-27, closed November 28-29 for Thanksgiving Holidays</td>
</tr>
<tr>
<td>December 6</td>
<td>Full Term, Last Day of Classes</td>
</tr>
<tr>
<td>December 7-12</td>
<td>Full Term, Final Exams</td>
</tr>
<tr>
<td>December 13</td>
<td>Deadline to submit final verified (approved) electronic theses or dissertations to College of Graduate Studies</td>
</tr>
<tr>
<td>December 13</td>
<td>Residence halls close at 12:00 noon for students not participating in Graduation (Centennial Place, Freedom’s Landing, University Villas residents and Armstrong Campus open for students who sign up)</td>
</tr>
<tr>
<td>December 13</td>
<td>Commencement - To Be Determined</td>
</tr>
<tr>
<td>December 14</td>
<td>Commencement - To Be Determined</td>
</tr>
<tr>
<td>December 15</td>
<td>Statesboro Campus - Residence halls close at 12:00 noon for students participating in Commencement activities (permission required)</td>
</tr>
<tr>
<td>December 15</td>
<td>Armstrong Campus - Residence halls close at 12:00 noon for students participating in Commencement activities (permission required)</td>
</tr>
<tr>
<td>December 16</td>
<td>Winter Break for students begins</td>
</tr>
<tr>
<td>Dec 25-Jan 1</td>
<td>Winter Break – Administrative offices closed</td>
</tr>
</tbody>
</table>

## Fall 2019 Term A

**Note:** For other important Fall 2019 calendar information, refer to the Full Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 19</td>
<td>Term A, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>August 19-21</td>
<td>Term A, Drop/Add</td>
</tr>
<tr>
<td>September 13</td>
<td>Term A, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information (<a href="http://em.georgiasouthern.edu/registrar/students/withdrawal">http://em.georgiasouthern.edu/registrar/students/withdrawal</a>)</td>
</tr>
<tr>
<td>October 7</td>
<td>Term A, Last Day of Classes</td>
</tr>
<tr>
<td>October 9-11</td>
<td>Term A, Final Exams</td>
</tr>
</tbody>
</table>

## Fall 2019 Term B

**Note:** For other important Fall 2019 calendar information, refer to the Full Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 14</td>
<td>Term B, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>October 14-16</td>
<td>Term B, Drop/Add</td>
</tr>
<tr>
<td>November 7</td>
<td>Term B, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information (<a href="http://em.georgiasouthern.edu/registrar/students/withdrawal">http://em.georgiasouthern.edu/registrar/students/withdrawal</a>)</td>
</tr>
<tr>
<td>December 6</td>
<td>Term B, Last Day of Classes</td>
</tr>
<tr>
<td>December 7-12</td>
<td>Term B, Final Exams</td>
</tr>
</tbody>
</table>

## Fall 2019 MBA, Ten week term

**Note:** For other important Fall 2019 calendar information, refer to the Full Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 19</td>
<td>MBA, Ten week session, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>August 19-21</td>
<td>MBA, Ten week session, Drop/Add</td>
</tr>
</tbody>
</table>
### Fall 2019 MBA, Five week term

**Note:** For other important Fall 2019 calendar information, refer to the Full Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 28</td>
<td>MBA, Five week session, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>October 28-30</td>
<td>MBA, Five week session, Drop/Add</td>
</tr>
<tr>
<td>November 14</td>
<td>MBA, five-week session, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information (<a href="http://em.georgiasouthern.edu/registrar/students/withdrawal/">http://em.georgiasouthern.edu/registrar/students/withdrawal/</a>)</td>
</tr>
<tr>
<td>December 6</td>
<td>MBA, Five week session, Last day of classes</td>
</tr>
<tr>
<td>December 9-11</td>
<td>MBA, Five week session, Final Exams</td>
</tr>
</tbody>
</table>

### Fall 2019 ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology)

**Note:** For other important Fall 2019 calendar information, refer to the Full Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 1</td>
<td>ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Registration begins for Fall 2018 Full, Short I and Short II sessions</td>
</tr>
<tr>
<td>August 19</td>
<td>ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Full and Short I sessions, Classes Begin</td>
</tr>
<tr>
<td>August 19-21</td>
<td>ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Full and Short I sessions, Late Registration/Add period</td>
</tr>
<tr>
<td>August 19-23</td>
<td>ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Full and Short I sessions, Drop period</td>
</tr>
<tr>
<td>August 22-28</td>
<td>ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Attendance Verification must be completed for Full and Short I sessions</td>
</tr>
<tr>
<td>September 16</td>
<td>ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Last day to withdraw without academic penalty, Short I session</td>
</tr>
<tr>
<td>October 9</td>
<td>ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Classes end for Short I session</td>
</tr>
<tr>
<td>October 14</td>
<td>ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Last day to withdraw without academic penalty, Full session</td>
</tr>
<tr>
<td>October 10-12</td>
<td>ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Final Exams for Short I session</td>
</tr>
</tbody>
</table>

### Fall 2019 WebMBA (Web Master Business Administration)

**Note:** For other important Fall 2019 calendar information, refer to the Full Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 19</td>
<td>WebMBA, Classes Begin</td>
</tr>
<tr>
<td>August 19-21</td>
<td>WebMBA, Drop/Add</td>
</tr>
<tr>
<td>October 8</td>
<td>WebMBA, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information (<a href="http://em.georgiasouthern.edu/registrar/students/withdrawal/">http://em.georgiasouthern.edu/registrar/students/withdrawal/</a>)</td>
</tr>
<tr>
<td>November 20</td>
<td>WebMBA, Last day of classes</td>
</tr>
<tr>
<td>November 21-23</td>
<td>WebMBA, Final Exams</td>
</tr>
</tbody>
</table>

### Spring 2020 Full Term

**Note:** For other important Fall 2019 calendar information, refer to the Full Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 15</td>
<td>Final deadline for University System of Georgia full-time employees to apply for the Employee Tuition Assistance Program (TAP) for Spring 2020</td>
</tr>
</tbody>
</table>
**Spring 2020 Term A**

*Note: For other important Spring 2020 calendar information, refer to the Full Term calendar.*

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 15</td>
<td>Employee Tuition Assistance Program (TAP) registration for Spring 2020, via the web beginning at 8:30 a.m.</td>
</tr>
<tr>
<td>Dec 25-Jan 1</td>
<td>Winter Break – Administrative offices closed</td>
</tr>
<tr>
<td>January 1</td>
<td>New Year’s Day Holiday - Administrative offices closed - No classes</td>
</tr>
<tr>
<td>January 6</td>
<td>Academic Standards Committee meeting, 1:00 PM</td>
</tr>
<tr>
<td>January 8</td>
<td>Academic Standards Committee meeting, 2:00 PM</td>
</tr>
<tr>
<td>January 10</td>
<td>Residence hall check-in, 12:00 noon at the Residence halls</td>
</tr>
<tr>
<td>January 13</td>
<td>Fee payment deadline for Spring 2020, (First Day of University Classes)</td>
</tr>
<tr>
<td>January 13-16</td>
<td>Full Term, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>January 17</td>
<td>$100 Late Registration Fee begins</td>
</tr>
<tr>
<td>January 20</td>
<td>Martin Luther King Jr. Holiday - Administrative offices closed - No classes</td>
</tr>
<tr>
<td>March 9</td>
<td>Full Term, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information (<a href="http://em.georgiasouthern.edu/registrar/students/withdrawal/">http://em.georgiasouthern.edu/registrar/students/withdrawal/</a>)</td>
</tr>
<tr>
<td>March 16-20</td>
<td>Spring break for students – Administrative offices open – Residence halls open</td>
</tr>
<tr>
<td>March 27</td>
<td>Final date for undergraduate and graduate students to apply for Spring 2020 graduation and Summer 2020 graduation</td>
</tr>
<tr>
<td>April 3</td>
<td>Final date to hold terminal or comprehensive examination, theses or dissertation defenses</td>
</tr>
<tr>
<td>April 6</td>
<td>SARC (Student Accessibility Resource Center) Early Registration for Fall 2020 begins</td>
</tr>
<tr>
<td>April 13</td>
<td>Early Registration for Fall 2020 begins (Students should view WINGS for individual date and time)</td>
</tr>
<tr>
<td>April 15</td>
<td>Final Deadline for University System of Georgia full-time employees to apply for the Employee Tuition Assistance Program (TAP) for Summer 2020</td>
</tr>
<tr>
<td>April 17</td>
<td>Deadline to submit electronic theses and dissertations to College of Graduate Studies for final format review</td>
</tr>
<tr>
<td>May 1</td>
<td>Full Term, Last Day of Classes</td>
</tr>
<tr>
<td>May 2-7</td>
<td>Full Term, Final Exams</td>
</tr>
<tr>
<td>May 8</td>
<td>Deadline to submit final verified (approved) electronic theses or dissertations to College of Graduate Studies</td>
</tr>
<tr>
<td>May 8</td>
<td>Statesboro campus residence halls close for non-grading students, 12:00 noon</td>
</tr>
<tr>
<td>May 8</td>
<td>Armstrong campus residence halls close for non-grading students, 12:00 noon</td>
</tr>
<tr>
<td>May 8</td>
<td>Commencement – To Be Determined</td>
</tr>
<tr>
<td>May 9</td>
<td>Commencement – To Be Determined</td>
</tr>
<tr>
<td>May 10</td>
<td>Armstrong campus residence halls close for graduating students, 12:00 noon</td>
</tr>
<tr>
<td>May 10</td>
<td>Statesboro campus residence halls close for graduating students, 5:00 p.m.</td>
</tr>
</tbody>
</table>

**Spring 2020 Term B**

*Note: For other important Spring 2020 calendar information, refer to the Full Term calendar.*

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 13</td>
<td>Term A, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>January 13-15</td>
<td>Term A, Drop/Add</td>
</tr>
<tr>
<td>February 7</td>
<td>Term A, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information (<a href="http://em.georgiasouthern.edu/registrar/students/withdrawal/">http://em.georgiasouthern.edu/registrar/students/withdrawal/</a>)</td>
</tr>
<tr>
<td>March 2</td>
<td>Term A, Last Day of Classes</td>
</tr>
<tr>
<td>March 4-6</td>
<td>Term A, Final Exams</td>
</tr>
</tbody>
</table>

**Spring 2020 MBA, Ten week term**

*Note: For other important Spring 2020 calendar information, refer to the Full Term calendar.*

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 13</td>
<td>MBA, Ten week session, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>January 13-15</td>
<td>MBA, Ten week session, Drop/Add</td>
</tr>
<tr>
<td>February 17</td>
<td>MBA, ten-week session, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information (<a href="http://em.georgiasouthern.edu/registrar/students/withdrawal/">http://em.georgiasouthern.edu/registrar/students/withdrawal/</a>)</td>
</tr>
<tr>
<td>March 16-20</td>
<td>MBA, Ten week session, Spring Break</td>
</tr>
<tr>
<td>March 25</td>
<td>MBA, Ten week session, Last day of classes</td>
</tr>
<tr>
<td>March 26-27</td>
<td>MBA, Ten week session, Final Exams</td>
</tr>
</tbody>
</table>

**Spring 2020 MBA, Five week term**

*Note: For other important Spring 2020 calendar information, refer to the Full Term calendar.*

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 30</td>
<td>MBA, Five week session, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>March 30-April 1</td>
<td>MBA, Five week session, Drop/Add</td>
</tr>
<tr>
<td>April 16</td>
<td>MBA, five-week session, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information (<a href="http://em.georgiasouthern.edu/registrar/students/withdrawal/">http://em.georgiasouthern.edu/registrar/students/withdrawal/</a>)</td>
</tr>
<tr>
<td>May 1</td>
<td>MBA, Five week session, Last day of classes</td>
</tr>
<tr>
<td>May 4-6</td>
<td>MBA, Five week session, Final Exams</td>
</tr>
</tbody>
</table>
Spring 2020 ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology)

Note: For other important Spring 2020 calendar information, refer to the Full Term calendar.

January 13  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Full and Short I session, Classes Begin

January 13-15  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Full and Short I session, Late Registration/Add period

January 13-17  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Full and Short I session, Drop period

January 16-22  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Full and Short I session, Attendance Verification must be completed

February 10  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Last day to withdraw without academic penalty, Short I session

March 4  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Last day of class for Short I session

March 5-7  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Final Exams for Short I session

March 9  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Full session, Last day to withdraw without academic penalty

March 9  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Classes begin, Short II session

March 9-11  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Short II session, Late Registration/Add period

March 9-13  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Short II session, Drop period

March 12-18  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Attendance Verification must be completed for Short II session

April 1  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Registration Begins for Summer 2020 and Fall 2020

April 3  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Last day to withdraw without academic penalty for Short II session

April 25-30  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Final Exams for Full Session

April 28  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Last day of classes for Short session II

April 29-May 2  ECORE, eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Final Exams for Short II session

Spring 2020 WebMBA (Web Master Business Administration)

Note: For other important Spring 2020 calendar information, refer to the Full Term calendar.

Please click on this link for other WebMBA calendar dates:

January 13  WebMBA, Classes Begin

January 13-15  WebMBA, Drop/Add

March 2  WebMBA, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information (http://em.georgiasouthern.edu/registrar/students/withdrawal/)

April 13  WebMBA, Last day of classes

April 14-16  WebMBA, Final Exams

Summer 2020 Long Term

March 27  Final Date for Undergraduate and Graduate students to apply for Spring 2020 and Summer 2020 graduation

April 15  Final Deadline for University System of Georgia full-time employees to apply for the Employee Tuition Assistance Program (TAP) for Summer 2020

April 15  Employee Tuition Assistance Program (TAP) Registration for Summer 2020, via the web beginning at 8:30 a.m.

May 15  Academic Standards Committee meeting, 2:00 p.m.

May 15  Residence hall check-in for Long Term, 12:00 noon in the Residence halls

May 18  Academic Standards Committee meeting, 10:00 a.m.

May 18  Fee payment deadline for Summer 2020 (First Day of University Classes)

May 18  Long Term, Classes Begin, Attendance Verification must be completed on the first class meeting day

May 18-20  Long Term, Drop/Add

May 25  Memorial Day – Administrative offices closed – No classes

June 17  Long Term, Last day to withdraw without academic penalty

June 19  Academic Standards Committee Meeting, 10:00 a.m.

June 19  Final date to hold terminal or comprehensive examination, theses or dissertation defense for Summer 2019 graduates

June 26  Deadline to submit electronic theses and dissertations to College of Graduate Studies for final format review

July 3  Independence Day Holiday (Observed) – Administrative offices closed – No classes

July 7  Long Term, Last Day of Classes for Tuesday/Thursday Evening Classes
### Summer 2020 Health Professions Term

**Note:** For other important Summer 2020 calendar information, refer to the Long Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 18</td>
<td>Health Professions Term, Classes begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>May 18-20</td>
<td>Health Professions Term, Drop/Add</td>
</tr>
<tr>
<td>June 23</td>
<td>Health Professions Term, Last day to withdraw without academic penalty</td>
</tr>
<tr>
<td>July 22</td>
<td>Health Professions Term, Last Day of Classes</td>
</tr>
<tr>
<td>July 22-24</td>
<td>Health Professions Term, Final Exams</td>
</tr>
</tbody>
</table>

### Summer 2020 Term A

**Note:** For other important Summer 2020 calendar information, refer to the Long Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 15</td>
<td>Residence hall check-in for Term A Minimester, 12:00 noon in the Residence halls</td>
</tr>
<tr>
<td>May 18</td>
<td>Term A, Classes begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>May 18-20</td>
<td>Term A, Drop/Add</td>
</tr>
<tr>
<td>June 3</td>
<td>Term A, Last day to withdraw without academic penalty</td>
</tr>
<tr>
<td>June 11</td>
<td>Term A - COE Graduate Evening Classes during Term A, Tuesday/Thursday Session, Last Day of Classes</td>
</tr>
<tr>
<td>June 15</td>
<td>Term A - COE Graduate Evening Classes during Term A, Monday/Wednesday Session, Last Day of Classes</td>
</tr>
<tr>
<td>June 16</td>
<td>Term A - COB Graduate Evening Classes during Term A, Tuesday/Thursday Session, Last Day of Classes</td>
</tr>
<tr>
<td>June 16</td>
<td>Term A - COB Graduate Evening Classes during Term A, Tuesday/Thursday Session, Final exams, 4:00 p.m.</td>
</tr>
<tr>
<td>June 17</td>
<td>Term A - COB Graduate Evening Classes during Term A, Monday/Wednesday, Last day of classes</td>
</tr>
<tr>
<td>June 17</td>
<td>Term A - COE Graduate Classes during Term A, Monday/Wednesday, Final exams, 4:00 p.m.</td>
</tr>
<tr>
<td>June 17</td>
<td>Term A, Last Day of Classes</td>
</tr>
<tr>
<td>June 18</td>
<td>Term A, Final exams</td>
</tr>
<tr>
<td>June 18</td>
<td>Term A, Final exams, Evening classes, 6:00-8:00 p.m.</td>
</tr>
<tr>
<td>June 18</td>
<td>Term A - COB Graduate Evening Classes during Term A, Monday/Wednesday Session, Final exams, 6:00 p.m.</td>
</tr>
<tr>
<td>June 18</td>
<td>Term A - COB Graduate Evening Classes during Term A, Tuesday/Thursday Session, Final exams, 6:15 p.m.</td>
</tr>
<tr>
<td>June 19</td>
<td>Residence halls close at 12:00 noon for students attending Term A</td>
</tr>
</tbody>
</table>

### Summer 2020 Term B

**Note:** For other important Summer 2020 calendar information, refer to the Long Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 18</td>
<td>Residence halls open for Eagle Success Students</td>
</tr>
<tr>
<td>June 21</td>
<td>Residence hall check-in for Term B at 12:00 noon in the Residence halls</td>
</tr>
<tr>
<td>June 22</td>
<td>Term B, Classes begin; Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>June 22-24</td>
<td>Term B, Drop/Add</td>
</tr>
<tr>
<td>July 8</td>
<td>Term B, Last day to withdraw without academic penalty</td>
</tr>
<tr>
<td>July 15</td>
<td>Term B - COE Graduate Classes during Term B, Monday/Wednesday Session, Last day of classes</td>
</tr>
<tr>
<td>July 16</td>
<td>Term B - COE Graduate Classes during Term B, Tuesday/Thursday Session, Last Day of Classes</td>
</tr>
<tr>
<td>July 16</td>
<td>Term B - COB Graduate Evening Classes during Term B, Monday/Wednesday Session, Last day of classes</td>
</tr>
<tr>
<td>July 20</td>
<td>Term B - COE Graduate Classes during Term B, Monday/Wednesday, Final exams, 11:00 a.m. or 4:00 p.m.</td>
</tr>
<tr>
<td>July 21</td>
<td>Term B - COB Graduate Evening Classes during Term B, Tuesday/Thursday Session, Last day of classes</td>
</tr>
<tr>
<td>July 21</td>
<td>Term B - COE Graduate Classes during Term B, Tuesday/Thursday Session, Final exams, 11:00 a.m. or 4:00 p.m.</td>
</tr>
<tr>
<td>July 22</td>
<td>Term B, Last Day of Classes</td>
</tr>
<tr>
<td>July 22</td>
<td>Term B - COB Graduate Evening Classes during Term B, Monday/Wednesday Session, 6:00 p.m., Final exams</td>
</tr>
<tr>
<td>July 23</td>
<td>Term B, Final Exams</td>
</tr>
<tr>
<td>July 23</td>
<td>Term B, Evening Classes, Final exams, 6:00-8:00 p.m.</td>
</tr>
<tr>
<td>July 23</td>
<td>Term B - COB Graduate Evening Classes during Term B, Tuesday/Thursday Session, 6:00 p.m., Final exams</td>
</tr>
<tr>
<td>July 24</td>
<td>Residence halls close at 12:00 noon for Term B and Eagle Success Students</td>
</tr>
</tbody>
</table>

### Summer 2020 GOML (Georgia ONmyLINE) and WebBSIT (Web Bachelor of Science Information Technology)

**Note:** For other important Summer 2020 calendar information, refer to the Long Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 1</td>
<td>eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology) Early Registration, for Summer 2020 and Fall 2020</td>
</tr>
<tr>
<td>May 12</td>
<td>eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), First Day of Classes</td>
</tr>
<tr>
<td>May 12-14</td>
<td>eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Late Registration/Add period</td>
</tr>
<tr>
<td>May 12-18</td>
<td>eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Drop period</td>
</tr>
</tbody>
</table>
### Long Term Calendar

#### Summer 2020 COE Grad Term

**Note:** For other important Summer 2020 calendar information, refer to the Long Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 14-20</td>
<td>eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Attendance Verification must be completed for Summer 2020</td>
</tr>
<tr>
<td>June 12</td>
<td>eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Last day to withdraw without academic penalty</td>
</tr>
<tr>
<td>July 13</td>
<td>eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Last Day of Classes</td>
</tr>
<tr>
<td>July 14-16</td>
<td>eLanguage, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Final Exams</td>
</tr>
</tbody>
</table>

### Summer 2020 eCore and eLanguage

**Note:** For other important Summer 2020 calendar information, refer to the Long Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 1</td>
<td>ECORE and eLanguage, Early Registration, for Summer 2020 and Fall 2020</td>
</tr>
<tr>
<td>May 26</td>
<td>ECORE and eLanguage, First day of classes, Short II session</td>
</tr>
<tr>
<td>May 26-28</td>
<td>ECORE and eLanguage, Late Registration/Add period, Short II session</td>
</tr>
<tr>
<td>May 26-June 1</td>
<td>ECORE and eLanguage, Drop Period, Short II session</td>
</tr>
<tr>
<td>May 28-June 3</td>
<td>ECORE and eLanguage, Short II session, Attendance Verification must be completed for Summer 2020</td>
</tr>
<tr>
<td>June 23</td>
<td>ECORE and eLanguage, Short II session, Last day to withdraw without academic penalty</td>
</tr>
<tr>
<td>July 17</td>
<td>ECORE and eLanguage, Short II session, Last Day of Classes</td>
</tr>
<tr>
<td>July 18-22</td>
<td>ECORE and eLanguage, Short II session, Final Exams</td>
</tr>
</tbody>
</table>

### Summer 2020 COPH Grad Term

**Note:** For other important Summer 2020 calendar information, refer to the Long Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 18</td>
<td>College of Public Health Graduate Evening Monday/Wednesday Session, Classes begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>May 18-20</td>
<td>College of Public Health Graduate Session, Drop/Add</td>
</tr>
<tr>
<td>May 19</td>
<td>College of Public Health Graduate Evening Tuesday/Thursday Session, Classes begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>June 9</td>
<td>College of Public Health Graduate Evening Session, Last day to withdraw without academic penalty</td>
</tr>
<tr>
<td>June 25</td>
<td>College of Public Health Graduate Evening Tuesday/Thursday Session, Last Day of Classes</td>
</tr>
<tr>
<td>June 29</td>
<td>College of Public Health Graduate Evening Monday/Wednesday Session, Last Day of Classes</td>
</tr>
<tr>
<td>June 30</td>
<td>College of Public Health Graduate Evening Session, Final exams for Tuesday/Thursday</td>
</tr>
<tr>
<td>July 1</td>
<td>College of Public Health Graduate Evening Session, Final exams for Monday/Wednesday</td>
</tr>
</tbody>
</table>

### Summer 2020 COE Grad Term

**Note:** For other important Summer 2020 calendar information, refer to the Long Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 26</td>
<td>College of Education Graduate Tuesday/Thursday Session, Classes begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>May 26-28</td>
<td>College of Education Graduate Session, Drop/Add</td>
</tr>
<tr>
<td>May 27</td>
<td>College of Education Graduate Monday/Wednesday Session, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>June 16</td>
<td>College of Education Graduate Session, Last day to withdraw without academic penalty</td>
</tr>
<tr>
<td>July 2</td>
<td>College of Education Graduate Tuesday/Thursday Session, Last Day of classes</td>
</tr>
<tr>
<td>July 6</td>
<td>College of Education Graduate Monday/Wednesday Session, Last day of classes</td>
</tr>
<tr>
<td>July 7</td>
<td>College of Education Graduate Session, Tuesday/Thursday, Final exams</td>
</tr>
<tr>
<td>July 8</td>
<td>College of Education Graduate Session, Monday/Wednesday, Final exams</td>
</tr>
</tbody>
</table>

### Summer 2020 MBA Term - 7 Weeks

#### Statesboro

**Note:** For other important Summer 2020 calendar information, refer to the Full Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 18</td>
<td>MBA – Statesboro, Seven week session, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>May 18-20</td>
<td>MBA – Statesboro, Seven week session, Drop/Add</td>
</tr>
<tr>
<td>June 11</td>
<td>MBA - Statesboro, Seven-week session, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information</td>
</tr>
<tr>
<td>July 6</td>
<td>MBA - Statesboro, Seven week session, Last day of classes</td>
</tr>
<tr>
<td>July 7-8</td>
<td>MBA - Statesboro, Seven week session, Final Exams</td>
</tr>
</tbody>
</table>

### Summer 2020 MBA Term - 10 Weeks

#### Savannah

**Note:** For other important Summer 2020 calendar information, refer to the Full Term calendar.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 18</td>
<td>MBA – Savannah, Ten week session, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>May 18-20</td>
<td>MBA - Savannah, Ten-week session, Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional information</td>
</tr>
<tr>
<td>June 22</td>
<td>MBA - Savannah, Ten week session, Drop/Add</td>
</tr>
<tr>
<td>July 20</td>
<td>MBA - Savannah, Ten week session, Last day of classes</td>
</tr>
<tr>
<td>July 21-27</td>
<td>MBA - Savannah, Ten week session, Final Exams</td>
</tr>
</tbody>
</table>

### Summer 2020 WebMBA (Web Master Business Administration)

**Note:** For other important Summer 2020 calendar information, refer to the Full Term calendar.

Please click this link for other WebMBA calendar dates:

### Future Calendars
#### Fall 2020

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 17</td>
<td>Fee payment deadline, Fall Semester 2020 (First Day of University Classes)</td>
</tr>
<tr>
<td>August 17</td>
<td>Classes begin, Full Term A, COB MBA Ten Week</td>
</tr>
<tr>
<td>August 17-19</td>
<td>Drop/Add, Term A, COB MBA Ten Week</td>
</tr>
<tr>
<td>August 17-20</td>
<td>Drop/Add, Full Term</td>
</tr>
<tr>
<td>September 7</td>
<td>Labor Day – Administrative Offices Closed – No Classes</td>
</tr>
<tr>
<td>October 5</td>
<td>Last day of classes, Term A</td>
</tr>
<tr>
<td>October 7-9</td>
<td>Final Exams, Term A</td>
</tr>
<tr>
<td>October 12</td>
<td>Classes begin, Term B</td>
</tr>
<tr>
<td>October 12-14</td>
<td>Drop/Add, Term B</td>
</tr>
<tr>
<td>October 21</td>
<td>Last day of classes, COB MBA Ten Week</td>
</tr>
<tr>
<td>October 22-23</td>
<td>Final Exams, COB MBA Ten Week</td>
</tr>
<tr>
<td>October 26</td>
<td>Classes begin, COB MBA Five Week</td>
</tr>
<tr>
<td>October 26-28</td>
<td>Drop/Add, COB MBA Five Week</td>
</tr>
<tr>
<td>October 30</td>
<td>Final date for Undergraduate and Graduate students to apply for Fall 2020 graduation</td>
</tr>
<tr>
<td>November 23-27</td>
<td>Thanksgiving Holidays for students, Residence halls open – Administrative offices closed November 26-27 for Thanksgiving Holidays</td>
</tr>
<tr>
<td>December 4</td>
<td>Last day of classes, Full Term B, COB MBA Five Week</td>
</tr>
<tr>
<td>December 5-10</td>
<td>Final Exams, Full Term B</td>
</tr>
<tr>
<td>December 7-9</td>
<td>Final Exams, COB MBA Five Week</td>
</tr>
<tr>
<td>December 11</td>
<td>Commencement Tentative, To Be Determined</td>
</tr>
<tr>
<td>December 12</td>
<td>Commencement Tentative, To Be Determined</td>
</tr>
</tbody>
</table>

#### Spring 2021

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 1</td>
<td>New Year’s Day Holiday - Administrative offices closed</td>
</tr>
<tr>
<td>January 11</td>
<td>Fee payment deadline, Spring Semester 2021 (First Day of University Classes)</td>
</tr>
<tr>
<td>January 11</td>
<td>Classes begin, Full Term A, COB MBA Ten Week</td>
</tr>
<tr>
<td>January 11-13</td>
<td>Drop/Add, Term A, COB MBA Ten Week</td>
</tr>
<tr>
<td>January 11-14</td>
<td>Drop/Add, Full Term</td>
</tr>
<tr>
<td>January 18</td>
<td>Martin Luther King Jr. Holiday - Administrative Offices closed - No classes</td>
</tr>
<tr>
<td>March 1</td>
<td>Last day of classes, Term A</td>
</tr>
<tr>
<td>March 3-5</td>
<td>Final Exams, Term A</td>
</tr>
<tr>
<td>March 8</td>
<td>Classes begin, Term B</td>
</tr>
<tr>
<td>March 8-10</td>
<td>Drop/Add, Term B</td>
</tr>
<tr>
<td>March 15-19</td>
<td>Spring Break</td>
</tr>
<tr>
<td>March 24</td>
<td>Last day of classes, COB MBA Ten Week</td>
</tr>
<tr>
<td>March 25-26</td>
<td>Final Exams, COB MBA Ten Week</td>
</tr>
</tbody>
</table>

### Summer 2021

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 26</td>
<td>Final date for Undergraduate and Graduate students to apply for Spring 2021 graduation</td>
</tr>
<tr>
<td>March 29</td>
<td>Classes begin, COB MBA Five Week</td>
</tr>
<tr>
<td>March 29-31</td>
<td>Drop/Add, COB MBA Five Week</td>
</tr>
<tr>
<td>April 30</td>
<td>Last day of classes, Full Term B, COB MBA Five Week</td>
</tr>
<tr>
<td>May 1-6</td>
<td>Final Exams, Full Term B</td>
</tr>
<tr>
<td>May 3-5</td>
<td>Final Exams, COB MBA Five Week</td>
</tr>
<tr>
<td>May 7</td>
<td>Commencement Tentative, To Be Determined</td>
</tr>
<tr>
<td>May 8</td>
<td>Commencement Tentative, To Be Determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 26</td>
<td>Final date for Undergraduate and Graduate students to apply for Summer 2021 graduation</td>
</tr>
<tr>
<td>May 17</td>
<td>Fee payment deadline for Summer 2021 (First Day of University Classes)</td>
</tr>
<tr>
<td>May 17</td>
<td>Long Term, Term A, Health Professions Term and College of Public Health Graduate Tuesday/Thursday Session, Classes begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>May 18</td>
<td>College of Public Health Graduate Evening Tuesday/Thursday Session, Classes begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>May 31</td>
<td>Memorial Day – Administrative offices closed – No classes</td>
</tr>
<tr>
<td>June 1</td>
<td>College of Education Graduate Tuesday/Thursday Session, Classes begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>June 2</td>
<td>College of Education Graduate Monday/Wednesday Session, Classes Begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>June 16</td>
<td>Term A, Last Day of Classes</td>
</tr>
<tr>
<td>June 17</td>
<td>Term A, Final exams</td>
</tr>
<tr>
<td>June 21</td>
<td>Term B, Classes begin; Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>June 21-23</td>
<td>Term B, Drop/Add</td>
</tr>
<tr>
<td>June 24</td>
<td>College of Public Health Graduate Evening Tuesday/Thursday Session, Last Day of Classes</td>
</tr>
<tr>
<td>June 28</td>
<td>College of Public Health Graduate Evening Monday/Wednesday Session, Last Day of Classes</td>
</tr>
<tr>
<td>June 29</td>
<td>College of Public Health Graduate Evening Session, Final exams for Tuesday/Thursday</td>
</tr>
<tr>
<td>June 30</td>
<td>College of Public Health Graduate Evening Session, Final exams for Monday/Wednesday</td>
</tr>
<tr>
<td>July 5</td>
<td>Independence Day Holiday (Observed) – Administrative offices closed – No classes</td>
</tr>
<tr>
<td>July 8</td>
<td>College of Education Graduate Tuesday/Thursday Session, Last Day of Classes</td>
</tr>
<tr>
<td>July 13</td>
<td>College of Education Graduate Session, Tuesday/Thursday, Final exams</td>
</tr>
<tr>
<td>July 13</td>
<td>Long Term, Last Day of Classes</td>
</tr>
<tr>
<td>July 14</td>
<td>College of Education Graduate Monday/Wednesday Session, Last day of classes</td>
</tr>
<tr>
<td>July 14-15</td>
<td>Long Term, Final exams</td>
</tr>
<tr>
<td>July 15</td>
<td>College of Education Graduate Session, Monday/Wednesday, Final exams</td>
</tr>
</tbody>
</table>
### University Calendars

#### Fall 2021

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 16</td>
<td>Fee payment deadline, Fall Semester 2021 (First Day of University Classes)</td>
</tr>
<tr>
<td>August 16-18</td>
<td>Drop/Add, Term A, COB MBA Ten Week</td>
</tr>
<tr>
<td>September 6</td>
<td>Labor Day – Administrative Offices closed – No classes</td>
</tr>
<tr>
<td>October 4</td>
<td>Last day of classes, Term A</td>
</tr>
<tr>
<td>October 11</td>
<td>Classes begin, Term B</td>
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<tr>
<td>October 29</td>
<td>Final date for Undergraduate and Graduate students to apply for Fall 2021 graduation</td>
</tr>
<tr>
<td>November 22-26</td>
<td>Thanksgiving Holidays for students, Residence halls open – Administrative offices closed November 25-26 for Thanksgiving Holidays</td>
</tr>
<tr>
<td>December 3</td>
<td>Last day of classes, Full Term B, COB MBA Five Week</td>
</tr>
</tbody>
</table>

#### Summer 2022

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 1</td>
<td>College of Education Graduate Monday/Wednesday Session, Classes begin, Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>June 15</td>
<td>Term A, Last Day of Classes</td>
</tr>
<tr>
<td>June 20</td>
<td>Term B, Classes begin; Attendance Verification must be completed on the first class meeting day</td>
</tr>
<tr>
<td>June 22</td>
<td>Term B, Drop/Add</td>
</tr>
<tr>
<td>June 23</td>
<td>College of Public Health Graduate Evening Tuesday/Thursday Session, Last Day of Classes</td>
</tr>
<tr>
<td>June 27</td>
<td>College of Public Health Graduate Monday/Wednesday Session, Final exams for Monday/Wednesday</td>
</tr>
<tr>
<td>June 28</td>
<td>College of Public Health Graduate Evening Session, Final exams for Tuesday/Thursday</td>
</tr>
<tr>
<td>July 4</td>
<td>Independence Day Holiday – Administrative offices closed – No classes</td>
</tr>
<tr>
<td>July 7</td>
<td>College of Education Graduate Tuesday/Thursday Session, Last Day of Classes</td>
</tr>
<tr>
<td>July 12</td>
<td>Long Term, Last Day of Classes</td>
</tr>
<tr>
<td>July 13-14</td>
<td>Long Term, Final exams</td>
</tr>
<tr>
<td>July 14</td>
<td>College of Education Graduate Monday/Wednesday Session, Last day of classes</td>
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<tr>
<td>July 20</td>
<td>Term B, Last Day of Classes</td>
</tr>
<tr>
<td>July 21</td>
<td>Term B, Final Exams</td>
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<tr>
<td>July 20</td>
<td>Health Professions Term, Last Day of Classes</td>
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<td>July 21-22</td>
<td>Health Professions Term, Final Exams</td>
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<th>Event</th>
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<tr>
<td>December 31</td>
<td>New Year’s Day Holiday (Observed) - Administrative offices closed</td>
</tr>
<tr>
<td>January 10</td>
<td>Fee payment deadline, Spring Semester 2022 (First Day of University Classes)</td>
</tr>
<tr>
<td>January 10</td>
<td>Classes begin, Full Term A, COB MBA Ten Week</td>
</tr>
<tr>
<td>January 10-12</td>
<td>Drop/Add, Term A, COB MBA Ten Week</td>
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<tr>
<td>January 10-13</td>
<td>Drop/Add, Full Term</td>
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<td>January 17</td>
<td>Martin Luther King Jr. Holiday - Administrative Offices closed - No classes</td>
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<tr>
<td>February 28</td>
<td>Last day of classes, Term A</td>
</tr>
<tr>
<td>March 2-4</td>
<td>Final Exams, Term A</td>
</tr>
<tr>
<td>March 7</td>
<td>Classes begin, Term B</td>
</tr>
<tr>
<td>March 7-9</td>
<td>Drop/Add, Term B</td>
</tr>
<tr>
<td>March 14-18</td>
<td>Spring Break</td>
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<tr>
<td>March 23</td>
<td>Last day of classes, COB MBA Ten Week</td>
</tr>
<tr>
<td>March 24-25</td>
<td>Final Exams, COB MBA Ten Week</td>
</tr>
<tr>
<td>March 25</td>
<td>Final date for Undergraduate and Graduate students to apply for Spring 2022 graduation</td>
</tr>
<tr>
<td>March 28</td>
<td>Classes begin, COB MBA Five Week</td>
</tr>
<tr>
<td>March 28-30</td>
<td>Drop/Add, COB MBA Five Week</td>
</tr>
<tr>
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<td>Last day of classes, Full Term B, COB MBA Five Week</td>
</tr>
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University Housing

University Housing at Georgia Southern University operates twelve housing units providing a living-learning environment for approximately 6,400 students and offering a variety of facilities, services, and programs on the Statesboro and Armstrong campuses. Georgia Southern University strives to provide a positive environment conducive to the development and academic pursuits of its residents. Residence hall living provides social interaction and events to heighten a student’s sense of belonging, understanding of others, and how to live with others in a common space. Included in learning experiences are floor meetings, social events, programs on life skills, communication and conflict management, wellness topics that support academic success and understanding others, leadership positions in hall government, and a completion of a roommate agreement. These experiences provide students the opportunity to grow, achieve, find autonomy, and practice decision-making. With a staff of more than 250 full-time and student employees, University Housing is committed to assisting students in making a smooth transition to college life.

Applying for Campus Housing

Only students accepted for admission to Georgia Southern University may apply for campus housing. Housing information will be emailed to students using the email address on file with the Office of Admissions after notification of admission acceptance. The housing application is available online through the My.GeorgiaSouthern.edu portal.

Rates

Housing rates vary based on the type of facility. Once rates have been approved by the Board of Regents, a complete listing of housing fees will be provided to applicants or may be viewed at auxiliary.georgiasouthern.edu/housing/rates-2/.

Questions pertaining to student housing should be directed to:

University Housing
Post Office Box 8102
Georgia Southern University Statesboro, GA 30460-8102
(912) 478-5406
FAX: (912) 478-1148
housing@georgiasouthern.edu
auxiliary.georgiasouthern.edu/housing

First Year Live in On-Campus Housing
Requirements/Eligibility

To be eligible to live in University Housing, one must be enrolled at Georgia Southern University and maintain a minimum of nine credit hours per semester as an undergraduate student. First year students, with some exceptions, are required to live in On-Campus housing. For detailed information about this policy, go to auxiliary.georgiasouthern.edu/housing/prospective for guidelines and exceptions.

Graduate Student On-Campus Housing

Graduate students are eligible to apply for any upper-class space available. Currently we have no housing that is restricted to just graduate students. Graduate students who are seeking on-campus housing should contact the Housing Office or visit the Housing Office web site at auxiliary.georgiasouthern.edu/housing.

Communities in the Residence Halls

Living in a residence hall means being part of a residential community focused on your academic success at Georgia Southern University. Each of the residence halls offer different communities based upon the students living there, the nature of the building and sometimes the specialized programs or floors that are based around themes, academic programs or other learning initiatives. Each year, University Housing, in partnership with other campus offices, colleges, and faculty members, provides support to the students living in our residential communities in different ways. On campus housing is available on the Statesboro Campus and Armstrong Campus. Housing is not available on the Liberty Campus. More information about the different community options each year is available on the housing website at auxiliary.georgiasouthern.edu/housing.

Questions pertaining to student housing should be directed to:

University Housing
Post Office Box 8102
Georgia Southern University Statesboro, GA 30460-8102
(912) 478-5406
FAX: (912) 478-1148
housing@georgiasouthern.edu
auxiliary.georgiasouthern.edu/housing

Occupancy Periods

Students may occupy their assigned space from the date designated as the official opening of campus housing to the date designated as the end of the semester. Campus housing is closed between academic sessions. Some housing units provide housing during the Winter Break as part of the housing fees. Please refer to the housing website for additional information.

Removal from Housing

Students can be removed from Housing for the following reasons: conduct and behavioral reasons, non-enrollment, nonpayment of tuition, University fees, housing, or contract meal charges.
University Mission

Georgia Southern University is a public comprehensive and Carnegie Doctoral/Research university offering associate, bachelors, masters, and doctoral degrees in nationally accredited programs in the liberal arts, sciences, and professional disciplines.

The University provides transformative learning opportunities to meet the needs of a diverse student population through its legacy of commitment to academic excellence and personal attention. Through the shared resources of its multiple locations, the University creates vibrant learning environments that foster an inclusive, student-centered culture of engagement designed to prepare students for lifelong service as scholars, leaders, and responsible stewards of their communities. The University enhances the quality of life and drives economic development in the Coastal Georgia region, the State of Georgia, and beyond by supporting collaborative efforts in technological innovation, scientific advancement, education, health services, artistic creativity, and cultural enrichment. Faculty, staff, and students embrace the values of integrity, civility, kindness, respect, sustainability, citizenship, and social responsibility in every facet of the University.
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College of Arts and Humanities

Mission
The College of Arts and Humanities strives to serve students, the university, and communities throughout Southeast Georgia through instruction, research, and performance in the Arts and Humanities.

Visit us at our web site at cah.georgiasouthern.edu

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Understanding and interpreting text is a fundamental aspect of communication and critical thinking. Here's how this natural language model processes and analyzes the provided text:

1. **Communication Studies Minor (p. 51)**: This minor is designed to provide students with a broad foundation in communication theory and practice, emphasizing the role of communication in society and the workplace.
2. **Comparative Literature Interdisciplinary Minor (p. 69)**: This minor allows students to explore the diversity of world literature and cultures through the lens of comparative study.
3. **Digital Humanities Interdisciplinary Minor (p. 65)**: This minor integrates digital tools and techniques with traditional humanistic inquiry, preparing students for the digital age.
4. **English Minor (p. 71)**: This minor offers a deep exploration of language, literature, and culture, enhancing students' critical thinking and communication skills.
5. **Environmental Studies Interdisciplinary Minor (p. 88)**: This minor focuses on the interaction between human societies and their natural environment, addressing issues of sustainability and conservation.
6. **European Union Studies Interdisciplinary Minor (p. 89)**: This minor provides students with knowledge and skills to understand the political, economic, and cultural dynamics of the European Union.
7. **Film Studies Interdisciplinary Minor (p. 89)**: This minor offers a comprehensive study of the history, theory, and production of film, including diverse cultural perspectives.
8. **Foreign Language Minor (p. 57)**: This minor introduces students to the intricacies of a foreign language, enhancing their ability to communicate effectively in a global context.
9. **French Minor (p. 57)**: This minor provides a comprehensive study of the French language and culture, enabling students to engage with French-speaking societies.
10. **German Minor (p. 58)**: This minor focuses on the German language and culture, preparing students for professional and academic opportunities in German-speaking regions.
11. **Graphic Communications Minor (p. 47)**: This minor equips students with the skills to design and produce printed and digital communications, including design software and printing techniques.
12. **Graphic Design Minor (p. 49)**: This minor focuses on the creation of visual communication solutions, covering areas such as typography, layout, and digital design.
13. **History Minor (p. 69)**: This minor provides a rich exploration of human societies and cultures across time, from ancient to modern periods.
14. **Irish Studies Interdisciplinary Minor (p. 91)**: This minor offers a unique opportunity to study the rich cultural and historical heritage of Ireland.
15. **Japanese Minor (p. 58)**: This minor immerses students in the language and culture of Japan, fostering an understanding of Japanese society and its contributions to global culture.
16. **Latin American Studies Interdisciplinary Minor (p. 92)**: This minor provides a broad understanding of the regions and societies of Latin America, including their histories, cultures, and contemporary issues.
17. **Latin Minor (p. 58)**: This minor focuses on the language and literature of Latin, offering a deep dive into classical and modern Latin literature.
18. **Linguistics Interdisciplinary Minor (p. 84)**: This minor explores the nature of language, including its structure, evolution, and use in human societies.
19. **Music - Applied Minor (p. 85)**: This minor combines music theory and performance, preparing students for careers in music education, performance, or related fields.
20. **Music - History and Literature Minor (p. 89)**: This minor provides a comprehensive study of music history and literature, examining the evolution of music and its role in society.
21. **Music Technology Minor**: This minor focuses on the technical aspects of music production, including digital audio, recording, and music software.
22. **Music - Applied Minor (p. 85)**: This minor combines music theory and performance, preparing students for careers in music education, performance, or related fields.
23. **Music - History and Literature Minor (p. 89)**: This minor provides a comprehensive study of music history and literature, examining the evolution of music and its role in society.
24. **Music Technology Minor**: This minor focuses on the technical aspects of music production, including digital audio, recording, and music software.

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**Advising**

Undergraduate students are advised by the College of Arts and Humanities advisors. Visit the College of Arts and Humanities Advisement website at http://cah.georgiasouthern.edu/advisement/.

**Statesboro Campus**

Art, On-Campus Interdisciplinary Studies, Communication Studies, Multimedia Film & Production, Multimedia Journalism, Public Relations, History, and Modern Language majors are advised in the College of Arts and Humanities Advisement Center, located in Interdisciplinary Academic Building (IAB) 1040.

English, Philosophy, Religious Studies, Women, Gender, & Sexuality Studies, and Writing & Linguistics majors are advised in Newton 3308D.

Music and Theatre majors are advised in Foy 3002.

**Armstrong Campus**

All Arts & Humanities Advisors are advised in the Student Success Center.

Online Interdisciplinary Studies advisors are located in the Interdisciplinary Academic Building (IAB) 2011.

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**Betty Foy Sanders Department of Art**

The Betty Foy Sanders Department of Art (BFSDoArt) is committed to building and extending the intellectual community in visual arts and graphic communications by educating the next generation of artists, designers, art educators, and industry professionals. To prepare students for successful careers, the Department provides an enriching environment of rigorous course material, state-of-the-art facilities, relevant technology and equipment, professionally active faculty, and community engagement.

It is the BFSDoArt's goal to provide students with the ability to think critically, communicate effectively, work cooperatively, be comfortable and knowledgeable with relevant technology, and be committed to sharing their many talents with an increasingly global community.

The Department offers a robust selection of minors in Animation and New Media, Art, Art History, Graphic Communications, Graphic Design, Photography and Digital Imaging, and Studio Art.

The Betty Foy Sanders Department of Art is an accredited member of the National Association of Schools of Art and Design (NASAD).

**Statesboro Campus**

Students earning the B.A. degree in Art (concentration in Art History) will demonstrate competency in the following outcomes:

1. ability to recall and utilize accurate art historical terminology and to identify major monuments of art, recognize productions of individual artists, and distinguish artistic productions of various eras and cultures through familiarity with key formal and contextual components.
2. assessment of art historical issues including the following: making connections between different time periods and/ or cultures; contextualizing works within their political, social, economic, and religious situations; recognizing frequent biases toward art work based on cultural misunderstandings and ethnocentrism.
3. preparation of effective written and oral communications in art history composed of the following: historical research and critical analyses
of works of art from historical, cultural, and aesthetic perspectives, synthesized into an original, organized work.

Graduates of the **B.A. degree in Art (concentration in Studio Art)** program will:

1. demonstrate competency in multiple mediums through the creation of original works of art that are technically sound and exploits the characteristics of the specific art materials used.
2. demonstrate a comprehensive understanding of the elements and principles of visual organization and sufficient to achieve successful communication through visual art and design.
3. demonstrate their ability to analyze and evaluate their own artwork as well as that of their peers in the form of Written and Verbal Critique.
4. demonstrate a familiarity with the major achievements in the history of art and will be able to make valid assessments of quality in master works of art and their relationship to their own art work.
5. demonstrate the ability to combine the media skills, application of art and design principles, verbal analysis, and art historical knowledge in order to develop and apply transferable skills to professional direction.

Upon completion of the **B.F.A. degree (concentration in 2D Studio)** program, students will:

1. demonstrate competency in the media of each relative studio discipline through studio practice, appropriate equipment usage and demonstration of safety requirements during studio practice. Students will prove their skill competency in specific art media by creating original works of art that exploit the characteristics of the specific art materials used.
2. demonstrate a comprehensive understanding of the elements and principles of visual organization. This understanding will be evidenced by choices that may include compositional devices, use of color and manipulation of dominance/unity. Students will successfully apply these principles to communicate their aesthetic as well as conceptual intentions.
3. have a comprehensive overview of art history, with particular emphasis on issues of contemporary art, art theory and criticism. Students will conduct research relevant to their own creative work through the investigation of contemporary artists, critical theories and aesthetic issues, demonstrating their research and analysis abilities through the creation of original artworks, master studies, artist statements, presentation in oral critiques and essays.
4. complete written documentation as well as participate in verbal discussion that will demonstrate their ability to analyze, synthesize, validate, and evaluate their own artwork as well as that of their peers. Students’ ability to articulate personal work will be further evidenced by writing an artist’s statement included with critique presentations and submissions of artworks for review by others.
5. demonstrate their ability to conceive and produce a body of work (multiple artworks reflecting one concept) in two-dimensional media that reflect technical competency, effective use of art/design principles, self-expression, conceptual development, a comprehension of cultural and art historical references, aesthetics, and cohesive body of contemporary arts.

**B.F.A. Graphic Design degree program** students will:

1. develop professional studio practices and demonstrate these practices to execute successful, repeatable, problem solving strategies to communicate content to an audience in areas of application such as identity, brand positioning, publication design, editorial design, web and multimedia design, packaging, way-finding and information architecture.
2. have a comprehensive understanding of the elements and principles of visual organization. Students will demonstrate knowledge of, and skills in, two- and three-dimensional spatial organization, color theory and application, typography, hierarchical organization, contrast and concord.
3. develop a breadth of understanding that provides them with the skills to identify and assess art and design historical issues including the following: connections between different time periods and/or cultures; contexts of art work including political, social, economic, and religious aspects; frequent biases toward art work based on cultural misunderstandings or ethnocentrism.
4. analyze, synthesize, validate, and evaluate their own artwork as well as that of their peers during course critiques and discussions throughout their degree program. Students’ ability to articulate personal work will be further evidenced by writing an artist's statement included with critique presentations and submissions of artworks for review by others.
5. develop a professional portfolio that exemplifies their competency in graphic design and create a professional portfolio of work that demonstrates their skills to potential employers and assists in securing entry-level employment as a professional graphic designer. Through development of their portfolio, students will demonstrate autonomy in executing real-world project skills in planning, research, sales, marketing and presentation.

**Armstrong Courses**

Students earning the **B.A. degree in Art (concentration in Visual Arts)** will:

1. demonstrate competency in multiple mediums through the creation of original works of art that are technically sound and exploits the characteristics of the specific art materials used.
2. demonstrate a comprehensive understanding of the elements and principles of visual organization and sufficient to achieve successful communication through visual art and design.
3. demonstrate their ability to analyze and evaluate their own artwork as well as that of their peers in the form of Written and Verbal Critique.
4. demonstrate a familiarity with the major achievements in the history of art and will be able to make valid assessments of quality in master works of art and their relationship to their own art work.
5. demonstrate the ability to combine the media skills, application of art and design principles, verbal analysis, and art historical knowledge in order to develop and apply transferable skills to professional direction.

**B.F.A. in Visual Arts** students will:

1. demonstrate competency in the media of each relative studio discipline through studio practice, appropriate equipment usage and
demonstration of safety requirements during studio practice. Students will prove their skill competency in specific art media by creating original works of art that exploit the characteristics of the specific art materials used.

2. demonstrate a comprehensive understanding of the elements and principles of visual organization. This understanding will be evidenced by choices that may include compositional devices, use of color and manipulation of dominance/unity. Students will successfully apply these principles to communicate their aesthetic as well as conceptual intentions.

3. have a comprehensive overview of art history, with particular emphasis on issues of contemporary art, art theory and criticism. Students will conduct research relevant to their own creative work through the investigation of contemporary artists, critical theories and aesthetic issues, demonstrating their research and analysis abilities through the creation of original artworks, master studies, artist statements, presentation in oral critiques and essays.

4. complete written documentation as well as participate in verbal discussion that will demonstrate their ability to analyze, synthesize, validate, and evaluate their own artwork as well as that of their peers. Students’ ability to articulate personal work will be further evidenced by writing an artist's statement that identifies historical references, contextualization and discussion of conceptual origins within their own body of work as well as for individual works.

5. demonstrate their ability to conceive and produce a body of work (multiple artworks reflecting a single concept). This body of work will reflect technical competency, effective use of art/design principles, self-expression, conceptual development, a comprehension of cultural and art historical references, aesthetics, critical theory, and is representative of contemporary art.

Upon completion of the B.S. degree in Art Education, students will:

1. distinguish principal themes, subjects, artists and iconography of major monuments of global art in their historical, cultural and stylistic context.
2. demonstrate an ability to apply principles of design and color and competency to work in a variety of materials and media used in art.
3. effectively engage in critical analysis and demonstrate general research skills.
4. demonstrate an ability to plan meaningful art lessons, based on national and state standards for a variety of age/grade levels.
5. demonstrate ability to deliver effective instruction to meet standards-based art objectives for a variety of age/grade levels.

Programs

Majors

• Art B.A. (Concentration in Art History) (p. 43)
• Art B.A. (Concentration in Studio Art) (p. 44)
• Art B.F.A. (Concentration in 2D Studio: Drawing, Painting, Print/Paper/Book Arts) (p. 45)
• Art B.F.A. (Concentration in 3D Studio: Ceramics, Small Metals Design, Sculpture) (p. 46)
• Art Education B.S. (p. 47)
• Graphic Design B.F.A. (p. 48)

Minors

• Animation & New Media Minor (p. 42)
• Art (History) Minor (p. 42)
• Graphic Communications Minor (p. 47)
• Graphic Design Minor (p. 49)

• Photography/Digital Imaging Minor (p. 49)
• Studio Art Minor (p. 49)

Animation & New Media Minor

Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1536</td>
<td>Animation I</td>
<td>3</td>
</tr>
<tr>
<td>ART 2536</td>
<td>Animation II</td>
<td>3</td>
</tr>
<tr>
<td>ART 3536</td>
<td>Video &amp; Motion Graphics</td>
<td>3</td>
</tr>
<tr>
<td>ART 3537</td>
<td>Installation &amp; Interactivity</td>
<td>3</td>
</tr>
<tr>
<td>ART 4536</td>
<td>3D Animation</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 15

Optional Summer: Animation UK Summer Abroad in Sheffield UK

The study abroad program includes a studio course in animation with projects exploring character development, storytelling, and virtual lights/cameras with an introduction to software and concepts in 2D animation, sound, and web streaming. At the end of the course there will be a collaborative exhibition of the students' animations in a gallery in Sheffield.

Contact

Chair, BFSDoART
Center for Art and Theatre
(912) 478-2787

Advisement

All Animation & New Media minors on the Statesboro campus are advised by an advisor located in the Interdisciplinary Academic Building, Room 1048, (912) 478-0248

Art (History) Minor

Art History Minor

Complete the following six (6) credit hours in Art History: 6

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 2531</td>
<td>Art History I</td>
</tr>
<tr>
<td>ARTH 2532</td>
<td>Art History II</td>
</tr>
</tbody>
</table>

Select nine (9) credit hours of upper division Art History courses (selected in consultation with an Art Advisor) 9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 3251</td>
<td>Dada and Surrealism</td>
</tr>
<tr>
<td>ARTH 3261</td>
<td>Italian Mannerism</td>
</tr>
<tr>
<td>ARTH 3272</td>
<td>Northern Renaissance Art</td>
</tr>
<tr>
<td>ARTH 3282</td>
<td>Pre-Columbian Art</td>
</tr>
<tr>
<td>ARTH 3377</td>
<td>Graphic Design History</td>
</tr>
<tr>
<td>ARTH 3435</td>
<td>African Art</td>
</tr>
<tr>
<td>ARTH 3436</td>
<td>African American Art History</td>
</tr>
<tr>
<td>ARTH 3437</td>
<td>American Art</td>
</tr>
<tr>
<td>ARTH 3530</td>
<td>Art and Architecture of the Ancient World</td>
</tr>
<tr>
<td>ARTH 3531</td>
<td>Medieval Art</td>
</tr>
<tr>
<td>ARTH 3532</td>
<td>Italian Renaissance Art</td>
</tr>
<tr>
<td>ARTH 3533</td>
<td>Baroque and Rococo Art</td>
</tr>
<tr>
<td>ARTH 3534</td>
<td>19th Century Art</td>
</tr>
<tr>
<td>ARTH 4251</td>
<td>Modern Art</td>
</tr>
<tr>
<td>ARTH 4276</td>
<td>Art Theory and Criticism</td>
</tr>
</tbody>
</table>
ARTh 4435 Art History Travel Research
ARTh 4530 20th Century Art
ARTh 4531 Contemporary Art

Total Credit Hours 15

Other Program Requirements
*Must earn a minimum grade of "C" in all ARTH courses.
*Must successfully complete prerequisites for courses and take courses in proper sequence.

Contact
Chair, BFSDoArt
Center for Art & Theatre
(912) 478-2787

Advisement
All Art History minors on the Armstrong campus are advised by an advisor located in the Student Success Center, (912) 344-2673. All Art History minors on the Statesboro campus are advised by an advisor located in the Interdisciplinary Academic Building, Room 1048, (912) 478-0248.

Art B.A. (Concentration in Art History)

Degree Requirements: 124 Credit Hours
See Core Curriculum for required courses in Area A1 through Area E.

| Credit Hours | General Requirements (Core Areas A - E) 42
| Additional Requirements 4 |
| Area F - Courses Appropriate to Major 18 |

ART 1010 Drawing I
ART 1020 2D Art and Design Foundations
ART 1030 3D Art and Design Foundations
ART 1132 Digital Art and Design Foundations
ARTh 2531 Art History I
ARTh 2532 Art History II

Required for the degree:
ARTh 4831 Senior Art History Thesis

Minor - Required
Select 15 credit hours of Minor courses 15
*Note: All Minors require nine (9) credit hours above 3000 level

Foreign Language
Select 0-6 credit hours of Foreign Language 0-6

Electives
Select 6-12 credit hours of Electives 6-12
*Only offered at the Statesboro Campus 1
*Only offered at the Armstrong Campus 2

Total Credit Hours 124

Other Program Requirements
• Must earn a minimum grade of "C" in all ART and ARTH courses.
• Must successfully complete prerequisites for courses and take courses in proper sequence.

Advisement
All B.A. students with an Art History Concentration on the Armstrong campus are advised by an advisor located in the Student Success Center, (912) 344-2673.
Art B.A. (Concentration in Studio Art)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Requirements (Core Areas A - E)</strong></td>
</tr>
<tr>
<td><strong>Additional Requirements</strong></td>
</tr>
<tr>
<td><strong>Area F - Courses Appropriate to Major</strong></td>
</tr>
</tbody>
</table>

### Select nine (9) credit hours from the following upper division Art History courses:

- ARTH 3251 Dada and Surrealism
- ARTH 3261 Italian Mannerism
- ARTH 3272 Northern Renaissance Art
- ARTH 3282 Pre-Columbian Art
- ARTH 3377 Graphic Design History
- ART 3435 African Art
- ART 3437 American Art
- ART 3530 Art and Architecture of the Ancient World
- ART 3436 African American Art History
- ART 3531 Medieval Art
- ART 3532 Italian Renaissance Art
- ART 3533 Baroque and Rococo Art
- ART 3534 19th Century Art
- ART 4251 Modern Art
- ART 4276 Art Theory and Criticism
- ARTH 4435 Art History Travel Research
- ARTH 4530 20th Century Art
- ARTH 4531 Contemporary Art
- ARTH 4631 Art History Seminar
- ARTH 4830 Art History Research

### Select twenty-one (21) credit hours from the following Exploratory Studio Art courses (must select twelve (12) credit hours at the 3000 level or above):

- ART 1011 Drawing II
- ART 1536 Animation I
- ART 2000 Advanced Placement Studio
- ARTS 2040 Intro to Darkroom Photography
- ART 2135 Painting: Introduction
- ART 2230 Ceramics: Introduction
- ART 2235 Digital Dimensions
- ART 2236 Small Metals Design: Fundamentals
- ART 2330 Typography I
- ART 2331 Visual Thinking in Graphic Design
- ART 2335 Photographic Imaging I
- ARTS 2400 Introduction to Fibers
- ART 2430 Print, Paper, Book Arts: Introduction
- ART 2536 Animation II
- ART 3131 Drawing III
- ART 3132 Figure Drawing
- ARTS 3160 Manipulated Silver Print
- ART 3230 Ceramics: Intermediate
- ART 3236 Small Metals Design: Intermediate I
- ART 3335 Photographic Imaging II
- ARTS 3340 Advanced Pottery Wheel Techniques
- ARTS 3610 Screen Printing
- ARTS 3630 Fabric Design
- ARTS 3640 Weaving
- ARTS 3680 Environmental Art
- ARTS 3700 Figure Sculpture
- ARTS 3720 Fiber Sculpture
- ARTS 3840 Advanced Photographic Media
- ART 4334 Photographic Imaging III
- ART 4536 3D Animation
- ART 4590 Selected Topics In Art

*Other exploratory studio ART/ARTS courses from both campuses available with advisor consent.

### Required Capstone Course/Courses

- ART 4988 Capstone in Studio Art
- ARTS 4700 Senior Portfolio
- ARTS 4740 Senior Exhibition
- ARTS 4710 Senior Seminar
- ARTS 4740 Senior Exhibition

### Minor - Required

Select fifteen (15) credit hours of Minor courses

*Note: all Minors require nine (9) credit hours at the 3000 level or above

### Foreign Language

Select 0-6 credit hours of Foreign Language

### Electives

Select 6-12 credit hours of Electives (outside of major) at or above the 3000 level

*Only offered at the Statesboro Campus

*Only offered at the Armstrong Campus

**Total Credit Hours**: 124

### Other Program Requirements

- Must earn a minimum grade of "C" in all ART/ARTS/ARTH courses.
- Must successfully complete prerequisites for courses and take courses in proper sequence.

### Advisement

All Statesboro Art majors are advised by an advisor in the Interdisciplinary Academic Building (IAB) 1040, (912) 478-7740.

All Armstrong Art majors are advised by an advisor in the Student Success Center, (912) 344-2673.
Art B.F.A. (Concentration in 2D Studio: Drawing, Painting, Print/Paper/Book Arts)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>Additional Requirements</th>
<th>Area F - Courses Appropriate to Major</th>
<th>Major Requirements</th>
<th>Concentration Studio Art Courses:</th>
</tr>
</thead>
</table>

**General Requirements**
- 42 Credit Hours

**Additional Requirements**
- 4 Credit Hours

**Area F - Courses Appropriate to Major**
- 18 Credit Hours

**Major Requirements**
- Select nine (9) credit hours from the following upper division Art History courses:
  - ART 3251 Dada and Surrealism
  - ART 3261 Italian Mannerism
  - ART 3272 Northern Renaissance Art
  - ART 3282 Pre-Columbian Art
  - ART 3377 Graphic Design History
  - ART 3435 African Art
  - ART 3436 African American Art History
  - ART 3437 American Art
  - ART 3530 Art and Architecture of the Ancient World
  - ART 3531 Medieval Art
  - ART 3532 Italian Renaissance Art
  - ART 3533 Baroque and Rococo Art
  - ART 3534 19th Century Art
  - ART 4251 Modern Art
  - ART 4276 Art Theory and Criticism
  - ART 4435 Art History Travel Research
  - ART 4530 20th Century Art
  - ART 4531 Contemporary Art
  - ART 4631 Art History Seminar
  - ART 4830 Art History Research

**Select eighteen (18) credit hours from the following Exploratory Studio Art courses (must select nine (9) credit hours at the 3000 level or above):**
- ART 1536 Animation I
- ART 2000 Advanced Placement Studio
- ART 2230 Ceramics: Introduction
- ART 2235 Digital Dimensions
- ART 2236 Small Metals Design: Fundamentals
- ART 2330 Typography I
- ART 2331 Visual Thinking in Graphic Design
- ART 2335 Photographic Imaging I
- ART 2430 Print, Paper, Book Arts: Introduction
- ART 3131 Drawing III
- ART 3335 Photographic Imaging II
- ART 3430 Print, Paper, Book Arts: Intermediate
- ART 3536 Video & Motion Graphics
- ARTS 3610 Screen Printing
- ARTS 3630 Fabric Design
- ARTS 3640 Weaving
- ARTS 3680 Environmental Art
- ARTS 3840 Advanced Photographic Media
- ART 4135 Painting: Advanced
- ART 4190 Drawing IV
- ART 4330 Print, Paper, Book Arts: Advanced
- ART 4536 3D Animation
- ART 4590 Selected Topics In Art

*Other exploratory studio ART/ARTS courses from all campuses available with advisor consent

**Concentration Studio Art Courses:**
- 27 Credit Hours

**Option 1**
- ART 1011 Drawing I
- ART 2135 Painting: Introduction
- ART 2430 Print, Paper, Book Arts: Introduction
- ART 3131 Drawing III
- ART 3132 Figure Drawing
- ART 3137 Painting: Intermediate
- ART 3430 Print, Paper, Book Arts: Intermediate
- ART 4135 Painting: Advanced
- ART 4330 Print, Paper, Book Arts: Advanced

**Required Capstone Course**
- 6 Credit Hours

- ART 4999 BFA Portfolio And Exhibition

**Elective**
- Select three (3) credit hours of Electives (outside of department)

**Option 2**
- ART 1011 Drawing II
- ARTS 2040 Intro to Darkroom Photography
- ART 2135 Painting: Introduction
- ART 2230 Ceramics: Introduction
- ARTS 2400 Introduction to Fibers
- ART 3132 Figure Drawing
- ART 3137 Painting: Intermediate
- ARTS 3140 Intermediate Darkroom Photography
- ARTS 3160 Manipulated Silver Print

**Required Capstone Courses**
- 6 Credit Hours

- ARTS 4700 Senior Portfolio
- ARTS 4710 Senior Seminar
- ARTS 4740 Senior Exhibition

*Only offered at the Statesboro Campus*

*Only offered at the Armstrong Campus*

**Total Credit Hours**: 124

**Other Program Requirements**
- Must earn a minimum grade of “C” in all ART, ARTS and ARTH designated courses.
- Must successfully complete prerequisites for courses and take courses in proper sequence.

**Advisement**
All Statesboro Art majors are advised by an advisor in the Interdisciplinary Academic Building (IAB) 1040, (912) 478-7740.
All Armstrong Art majors are advised by an advisor in the Student Success Center, (912) 344-2673.

**Art B.F.A. (Concentration in 3D Studio: Ceramics, Small Metals Design, Sculpture)**

**Degree Requirements: 124 Credit Hours**

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>General Requirements (Core Areas A - E)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>18</td>
</tr>
</tbody>
</table>

**Major Requirements**

Select 9 credit hours from the following upper division Art History courses:

- ARTH 3251 Dada and Surrealism
- ARTH 3261 Italian Manierism
- ARTH 3272 Northern Renaissance Art
- ARTH 3282 Pre-Columbian Art
- ARTH 3377 Graphic Design History
- ARTH 3435 African Art
- ARTH 3436 African American Art History
- ARTH 3437 American Art
- ARTH 3530 Art and Architecture of the Ancient World
- ARTH 3531 Medieval Art
- ARTH 3532 Italian Renaissance Art
- ARTH 3533 Baroque and Rococo Art
- ARTH 3534 19th Century Art
- ARTH 4251 Modern Art
- ARTH 4276 Art Theory and Criticism
- ARTH 4435 Art History Travel Research
- ARTH 4530 20th Century Art
- ARTH 4531 Contemporary Art
- ARTH 4631 Art History Seminar

Select eighteen (18) credit hours from the following Exploratory Studio Art courses (must select nine (9) credit hours at the 3000 level or above):

- ART 1011 Drawing II
- ART 1536 Animation I
- ART 2000 Advanced Placement Studio
- ART 2135 Painting: Introduction
- ART 2330 Typography I
- ART 2331 Visual Thinking in Graphic Design
- ART 2335 Photographic Imaging I
- ART 2430 Print, Paper, Book Arts: Introduction
- ART 3132 Figure Drawing
- ARTS 3140 Intermediate Darkroom Photography
- ARTS 3160 Manipulated Silver Print
- ARTS 3340 Advanced Pottery Wheel Techniques
- ART 3536 Video & Motion Graphics
- ARTS 3610 Screen Printing
- ART 3640 Weaving
- ARTS 3700 Figure Sculpture
- ARTS 3720 Fiber Sculpture
- ART 4536 3D Animation
- ART 4590 Selected Topics in Art

*Other exploratory studio ART/ARTS courses from all campuses available with advisor consent.

<table>
<thead>
<tr>
<th>Concentration Studio Art Courses:</th>
<th>27</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option 1</td>
<td></td>
</tr>
<tr>
<td>ART 2230 Ceramics: Introduction</td>
<td></td>
</tr>
<tr>
<td>ART 2235 Digital Dimensions</td>
<td></td>
</tr>
<tr>
<td>ART 2236 Small Metals Design: Fundamentals</td>
<td></td>
</tr>
<tr>
<td>ART 3230 Ceramics: Intermediate</td>
<td></td>
</tr>
<tr>
<td>ART 3235 Materials and Making</td>
<td></td>
</tr>
<tr>
<td>ART 3236 Small Metals Design: Intermediate</td>
<td></td>
</tr>
<tr>
<td>ART 4232 Ceramics: Advanced</td>
<td></td>
</tr>
<tr>
<td>ART 4235 Hot and Cold Casting</td>
<td></td>
</tr>
<tr>
<td>ART 4236 Small Metals Design: Advanced</td>
<td></td>
</tr>
</tbody>
</table>

**Required Capstone Course**

- ART 4999 BFA Portfolio And Exhibition

**Elective**

Select three (3) credit hours of Electives (outside of department)

<table>
<thead>
<tr>
<th>Elective</th>
<th>3</th>
</tr>
</thead>
</table>

**Option 2**

- ARTS 2040 Intro to Darkroom Photography
- ART 2135 Painting: Introduction
- ART 2230 Ceramics: Introduction
- ART 2236 Small Metals Design: Fundamentals
- ARTS 2400 Introduction to Fibers
- ART 3230 Ceramics: Intermediate
- ARTS 3630 Fabric Design
- ARTS 3680 Environmental Art
- ART 4232 Ceramics: Advanced

**Required Capstone Courses**

- ARTS 4700 Senior Portfolio
- ARTS 4710 Senior Seminar
- ARTS 4740 Senior Exhibition

*Only offered at the Statesboro Campus

*Only offered at the Armstrong Campus

**Total Credit Hours**

124

**Other Program Requirements**

- Must earn a minimum grade of “C” in all ART, ARTS and ARTH designated courses.
- Must successfully complete prerequisites for courses and take courses in proper sequence.

**Advisement**

All Statesboro Art majors are advised by an advisor in the Interdisciplinary Academic Building (IAB) 1040, (912) 478-7740.

All Armstrong Art majors are advised by an advisor in the Student Success Center, (912) 344-2673.
Art Education B.S.

Degree Requirements: 134 Credit Hours

The Art Education program equips students to become model teachers to meet the evolving needs of educational environments. Similar in structure to the BA-ART (Concentration in Visual Art) degree, students explore a variety of art media and art history courses to assist the student in realizing the personal ideas, art making skills, and imagery. In addition, students take a series of education and art method courses to build a knowledge base connecting educational processes and interdisciplinary understanding of relationships among the arts, sciences, and humanities. In order to apply art competencies in teaching situations, students integrate art and design instruction toward curriculum building. Students acquire the ability to prepare appropriate lessons to teach students from grades P12. The program fosters an environment of academic, cultural (artistic), and leadership in Art Education by exploring avenues to reach different learners and settings, incorporate critical thinking, and reflect on educational theory.

The campus is located within the city limits of Savannah, Georgia, which inherently provides ample opportunities for art students to partner with local art educators, work within museums, and connect with gallery programming in and around the city. Numerous art and art education resources are within a half-day driving distance from the campus.

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>Additional Requirements</td>
</tr>
<tr>
<td>4</td>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>3</td>
<td>ART 1010 Drawing I</td>
</tr>
<tr>
<td>3</td>
<td>ART 1020 2D Art and Design Foundations</td>
</tr>
<tr>
<td>3</td>
<td>ART 1030 3D Art and Design Foundations</td>
</tr>
<tr>
<td>3</td>
<td>ARTH 2531 Art History I</td>
</tr>
<tr>
<td>3</td>
<td>EDUC 2110 Investigating Critical and Contemporary Issues in Education</td>
</tr>
<tr>
<td>3</td>
<td>EDUC 2130 Exploring Learning and Teaching</td>
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<td>Major Requirements</td>
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<td>ART 1011 Drawing II</td>
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<tr>
<td>3</td>
<td>ART 2230 Ceramics: Introduction</td>
</tr>
<tr>
<td>3</td>
<td>ART 3330 New Media Design</td>
</tr>
<tr>
<td>3</td>
<td>ARTH 2532 Art History II</td>
</tr>
<tr>
<td>3</td>
<td>ARTH 4531 Contemporary Art</td>
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<td>3</td>
<td>ARTS 2011 Introduction to Painting</td>
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<td>3</td>
<td>ARTS 2040 Intro to Darkroom Photography</td>
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<td>3</td>
<td>ARTS 2400 Introduction to Fibers</td>
</tr>
<tr>
<td>3</td>
<td>ARTS 2430 Print, Paper, Book Arts: Introduction</td>
</tr>
<tr>
<td>3</td>
<td>ARTS 3020 Intermediate Painting (Intermediate Painting)</td>
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<td>3</td>
<td>ARTS 3700 Figure Sculpture</td>
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<td>3</td>
<td>ARTS 5300 Issues in Art Education</td>
</tr>
<tr>
<td>3</td>
<td>ARTS 5400 Art in the Elementary Grades</td>
</tr>
<tr>
<td>3</td>
<td>ARTS 5410 Art for Middle and Secondary Grades</td>
</tr>
<tr>
<td>6</td>
<td>Six credit hours of upper division studio courses from one of the following areas: ceramics and ceramic sculpture, drawing and painting, fibers, graphic design, or photography.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Other Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ARTS 3760 Internship I-Pre-Student Teach</td>
</tr>
<tr>
<td>12</td>
<td>ARTS 4760 Internship II--Student Teach</td>
</tr>
</tbody>
</table>

Other Program Requirements

- All ART/ARTH/ARTS courses required in the program of study must be completed with a grade of C or better. To fulfill the prerequisites for any ARTS/ART/ARTH course students must obtain a grade of C or better in each prerequisite course.
- Georgia Assessment for the Certification of Educators (GACE) Program Admission Assessments or exemption scores; Admission to Candidacy; evidence of professional tort liability insurance valid for a period of less than three (3) years from the date of Admission to Candidacy or exemption; GACE content area examination passed; admission to Internship II; Georgia Professional Standards Commission Pre-Service Certificate; content pedagogy assessment; senior exhibition; gallery-talk.

Advisement

All Statesboro Art Education majors are advised by an advisor in the Interdisciplinary Academic Building (IAB) 1040, (912) 478-7740.

All Armstrong Art Education majors are advised by an advisor in the Student Success Center, (912) 344-2673.

Graphic Communications Minor

Minor Program

(Must be at least 9 credit hours of upper division coursework)

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>ART 1132 Digital Art and Design Foundations</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Choose 1 from the following list of ART courses:</td>
</tr>
<tr>
<td>3</td>
<td>ART 2330 Typography I</td>
</tr>
<tr>
<td>3</td>
<td>ART 2331 Visual Thinking in Graphic Design</td>
</tr>
<tr>
<td>3</td>
<td>ART 3330 New Media Design</td>
</tr>
<tr>
<td>3</td>
<td>ART 2430 Print, Paper, Book Arts: Introduction</td>
</tr>
<tr>
<td>9</td>
<td>Choose 3 from the following list of upper division ARTG courses:</td>
</tr>
<tr>
<td>3</td>
<td>ARTG 3311 Digital and On-Demand Publishing</td>
</tr>
<tr>
<td>3</td>
<td>ARTG 3231 Graphic Reproduction Processes</td>
</tr>
<tr>
<td>3</td>
<td>ARTG 3431 Planning, Finishing, and Estimating</td>
</tr>
<tr>
<td>3</td>
<td>ARTG 3432 Color Management and Reproduction</td>
</tr>
<tr>
<td>3</td>
<td>ARTG 4131 Selected Topics in Graphic Communication</td>
</tr>
<tr>
<td>3</td>
<td>ARTG 4231 Web Development for Graphic Communications</td>
</tr>
</tbody>
</table>

Total Credit Hours 15

NOTE: Certain prerequisites are waived for students wishing to minor in Graphic Communications.

Contact

Chair, BFSDoART
Graphic Design B.F.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>ART 1010 Drawing I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ART 1020 2D Art and Design Foundations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ART 1030 3D Art and Design Foundations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ART 1132 Digital Art and Design Foundations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ARTH 2531 Art History I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ARTH 2532 Art History II</td>
<td>3</td>
</tr>
</tbody>
</table>

Major Requirements

| ARTH 3377 Graphic Design History | 3 |
|Select 6 credit hours from the following upper division Art History courses:|
| ARTH 3251 Dada and Surrealism |  |
| ARTH 3261 Italian Mannerism |  |
| ARTH 3272 Northern Renaissance Art |  |
| ARTH 3282 Pre-Columbian Art |  |
| ARTH 3377 Graphic Design History |  |
| ARTH 3435 African Art |  |
| ARTH 3437 American Art |  |
| ARTH 3530 Art and Architecture of the Ancient World |  |
| ARTH 3531 Medieval Art |  |
| ARTH 3532 Italian Renaissance Art |  |
| ARTH 3533 Baroque and Rococo Art |  |
| ARTH 3534 19th Century Art |  |
| ARTH 4251 Modern Art |  |
| ARTH 4435 Art History Travel Research |  |
| ARTH 4530 20th Century Art |  |
| ARTH 4531 Contemporary Art |  |
| ARTH 4631 Art History Seminar |  |

Select 15 credit hours from the following Exploratory Studio Art courses (must select (3) courses at the 3000 level or above):  

(Two courses must be 2-D in Concept; two courses must be 3-D in Concept)

| ART 1011 Drawing II |  |
| ART 1536 Animation I |  |
| ART 2000 Advanced Placement Studio |  |
| ART 2135 Painting: Introduction |  |
| ART 2230 Ceramics: Introduction |  |
| ART 2235 Digital Dimensions |  |
| ART 2236 Small Metals Design: Fundamentals |  |
| ART 2335 Photographic Imaging I |  |
| ART 2430 Print, Paper, Book Arts: Introduction |  |
| ART 3132 Figure Drawing |  |
| ART 4536 3D Animation |  |
| ART 4590 Selected Topics in Art |  |

*Other exploratory studio ART courses available with advisor consent.

Concentration Courses: (33 Credit Hours)

| ART 2330 Typography I | 3 |
| ART 2332 Design Theory I | 3 |
| ART 2331 Visual Thinking in Graphic Design | 3 |
| ART 3330 New Media Design | 3 |
| ART 3331 Graphic Design Methods | 3 |
| ART 3333 Design Systems | 3 |
| ART 3334 Professional Practices | 3 |
| ART 3338 Typography II | 3 |
| ART 4381 Graphic Design Theories | 3 |
| ART 4889 Graphic Design Portfolio | 3 |

Select one of the following Graphic Design Electives courses:

| ARTH 3731 Graphic Design Internship |  |
| ARTH 4335 Web Page Design |  |

Elective

Select 3 credit hours of Electives 3

Total Credit Hours 124

Other Program Requirements

- Must earn a minimum grade of “C” in all ART designated courses.
- Must successfully complete prerequisites for courses and take courses in proper sequence.
- All students pursuing coursework in graphic design, whether as a major, minor, or second discipline, must pass portfolio review after completion of Typography I (ART 2330) (3) and Visual Thinking in Graphic Design (ART 2331) (3) to enroll in upper division graphic design courses.
- A total institution GPA of 2.75 is required to register for internship credit.
- A portfolio presentation in a public venue is required as a capstone experience during Graphic Design Portfolio (ART 4889) (3).

Specific Requirements For Graphic Design Concentration

Graphic Design Course Schedule Rotation

Note: Course offerings are subject to change depending upon faculty availability, enrollment demands, and learning opportunities that may arise.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
</tr>
<tr>
<td>ART 2331</td>
</tr>
<tr>
<td>ART 3330</td>
</tr>
<tr>
<td>ART 3331</td>
</tr>
<tr>
<td>ART 3334</td>
</tr>
<tr>
<td>ART 4381</td>
</tr>
<tr>
<td>Spring</td>
</tr>
<tr>
<td>ART 2330</td>
</tr>
<tr>
<td>ART 3333</td>
</tr>
<tr>
<td>ART 3338</td>
</tr>
<tr>
<td>ART 4889</td>
</tr>
<tr>
<td>ARTH 3377</td>
</tr>
<tr>
<td>Alternating Electives:</td>
</tr>
</tbody>
</table>
ART 3731 Graphic Design Internship 3
ART 4335 Web Page Design 3

- Portfolio Review for admission into upper division courses in Graphic Design:
  When students have completed Visual Thinking in Graphic Design (ART 2331) (3) and Typography I (ART 2330) (3), they submit a portfolio of their design work completed to date, and a require independent project assigned by faculty, for review by the design faculty. Based upon criteria outlined in the B.F.A. Graphic Design Program of Study Handbook, faculty will evaluate and admit students into the Graphic Design concentration based upon their demonstrated creative abilities and professional demeanor deemed necessary for success in the design field. A 3.0 GPA in Visual Thinking in Graphic Design (ART 2331) (3) and Typography I (ART 2330) (3) is only one requirement in passing the portfolio review.

- Students who do not pass the graphic design portfolio review are encouraged to enter other concentrations in the ART major more suitable to their talents. In this case, graphic design courses with an earned grade of "C" or above will be designated as exploratory studio courses in another BA/BFA art degree program.

- Students who do not pass the portfolio review may choose to resubmit their portfolio the following year after they further develop the quality of their work and remedy deficient professional practices.

- All students will participate in a public presentation of their portfolio completed in Graphic Design Portfolio for review by faculty, invited members of the profession, and peers.

Advisement

All Graphic Design majors on the Statesboro campus are advised by an advisor located in the Interdisciplinary Academic Building, Room 1048, (912) 478-0248.

All Graphic Design majors on the Armstrong campus are advised by an advisor located in the Student Success Center, (912) 344-2673.

Graphic Design Minor

Minor Program

Complete the following nine (9) credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1132</td>
<td>Digital Art and Design Foundations</td>
</tr>
<tr>
<td>ART 2330</td>
<td>Typography I</td>
</tr>
<tr>
<td>ART 2331</td>
<td>Visual Thinking in Graphic Design</td>
</tr>
</tbody>
</table>

Select nine (9) credit hours from the following upper division graphic design courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS 3230</td>
<td>Packaging Design 2</td>
</tr>
<tr>
<td>ART 3330</td>
<td>New Media Design</td>
</tr>
<tr>
<td>ART 3331</td>
<td>Graphic Design Methods</td>
</tr>
<tr>
<td>ART 3333</td>
<td>Design Systems</td>
</tr>
<tr>
<td>ART 3334</td>
<td>Professional Practices 1</td>
</tr>
<tr>
<td>ART 3338</td>
<td>Typography II 1</td>
</tr>
<tr>
<td>ART 4335</td>
<td>Web Page Design</td>
</tr>
</tbody>
</table>

Total Credit Hours 18

*Must successfully complete prerequisites for courses and take in proper sequence.

Contact Chair, BFSDoART Center for Art and Theatre (912) 478-2787

Photography/Digital Imaging Minor

Required Courses:
- Complete the three-course sequence in Photography/Digital Imaging, one 3000-level or higher studio art exploratory course, and one art history course.
- Complete sequence of Photography/Digital Imaging courses:
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 2335</td>
<td>Photographic Imaging I</td>
</tr>
<tr>
<td>ART 3335</td>
<td>Photographic Imaging II</td>
</tr>
<tr>
<td>ART 4334</td>
<td>Photographic Imaging III</td>
</tr>
</tbody>
</table>

One Studio Art Exploratory course:

- Any studio art course at the 3000 level or higher with no prerequisite or with permission of the instructor and/or advisor.

Choice of one Art History course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 4251</td>
<td>Modern Art</td>
</tr>
<tr>
<td>ARTH 4531</td>
<td>Contemporary Art</td>
</tr>
</tbody>
</table>

Total Credit Hours 15

Contact

Chair, BFSDoART Center for Art & Theatre (912) 478-2787

Studio Art Minor

Minor Program

Select nine (9) credit hours from the following intro courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 2135</td>
<td>Painting: Introduction</td>
</tr>
<tr>
<td>ART 2230</td>
<td>Ceramics: Introduction</td>
</tr>
<tr>
<td>ART 2430</td>
<td>Print, Paper, Book Arts: Introduction</td>
</tr>
<tr>
<td>ART 2235</td>
<td>Digital Dimensions 1</td>
</tr>
<tr>
<td>ART 2236</td>
<td>Small Metals Design: Fundamentals</td>
</tr>
<tr>
<td>ARTS 2400</td>
<td>Introduction to Fibers 2</td>
</tr>
</tbody>
</table>

Select nine (9) credit hours from the following upper division Exploratory Studio Art and Art History courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 3000+</td>
<td>upper division Art History</td>
</tr>
<tr>
<td>ART 3137</td>
<td>Painting: Intermediate</td>
</tr>
<tr>
<td>ART 3230</td>
<td>Ceramics: Intermediate</td>
</tr>
<tr>
<td>ART 3235</td>
<td>Materials and Making 1</td>
</tr>
<tr>
<td>ART 3236</td>
<td>Small Metals Design: Intermediate 1 2</td>
</tr>
<tr>
<td>ARTS 3610</td>
<td>Screen Printing 2</td>
</tr>
<tr>
<td>ARTS 3630</td>
<td>Fabric Design 2</td>
</tr>
<tr>
<td>ARTS 3640</td>
<td>Weaving 2</td>
</tr>
<tr>
<td>ARTS 3680</td>
<td>Environmental Art 2</td>
</tr>
<tr>
<td>ARTS 3700</td>
<td>Figure Sculpture 2</td>
</tr>
<tr>
<td>ARTS 3720</td>
<td>Fiber Sculpture 2</td>
</tr>
<tr>
<td>ART 3430</td>
<td>Print, Paper, Book Arts: Intermediate 1</td>
</tr>
</tbody>
</table>

*Only offered at the Statesboro Campus 1
*Only offered at the Armstrong Campus 2

Other Program Requirements

*Must earn a minimum grade of "C" in all ART and ARTS courses.
Students earning a B.S. in Communication Studies will be able to:

- Develop a research prospectus employing appropriate methodologies to study their stated communication research question and/or hypothesis regarding human communication behavior.
- Develop an analysis of a communication artifact utilizing an appropriate rhetorical criticism model.
- Utilize current events as data for analysis of arguments in persuasive communication.
- Demonstrate an awareness of ethical standards as they relate to persuasive communication.
- Recognize the importance of culture and its impact on the reception of communication messages.

Students earning a B.S. in Multimedia Film and Production will be able to:

- Employ discipline-specific formatting and writing standards and strategies in composing audio, TV and film scripts.
- Identify and employ proper techniques through critical thinking towards utilization of discipline specific technology in the creation of effective audio-visual stories for appropriate media platforms.
- Analyze and evaluate multiple platform production for content and storytelling effectiveness, as well as for appropriateness to designated audiences, aesthetic values, and/or diverse representation.
- Identify and analyze historical and/or continually affecting changes in the multimedia industries.
- Identify, research and analyze the influences and role of ethical, legal, and/or social issues within the multimedia discipline.

Students earning a B.S. in Multimedia Journalism will be able to:

- Create news stories at a professional level, using appropriate media platforms.
- Apply critical thinking skills in selecting relevant sources, collecting necessary information, and synthesizing complex information for mass audiences.
- Critique and to correct news content for accuracy, fairness, grammatical correctness, aesthetic values and appropriateness for diverse audiences.
- Analyze and evaluate the potential legal and ethical implications of journalistic communication.
- Differentiate historical and current patterns in media coverage, to critique those patterns of coverage, and assess the relationships between the media coverage and societal issues.

Students earning a B.S. in Public Relations will be able to:

- Analyze organizational problems and utilize primary and secondary research methods to develop solutions to those problems.
- Construct public relations plans and collaterals integrating public relations principles and theories.
- Apply techniques and historical developments within the discipline with current practices in public relations.
- Assess and evaluate key legal concepts and ethical implications related to public relations communication and research.

### Programs

#### Majors

- Communication Studies B.S. (p. 51)
- Multimedia Film and Production B.S. (p. 52)
- Multimedia Journalism B.S. (p. 53)
- Public Relations B.S. (p. 54)
- Theatre B.A. (p. 55)

#### Minors

- Communication Studies Minor (p. 51)
- Multimedia Film and Production Minor (p. 53)
- Multimedia Journalism Minor (p. 54)
## Communication Studies B.S.

### Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Additional Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area F - Courses Appropriate to Major</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1100 Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMM 1110 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COMM 2332 Media and Society</td>
<td>3</td>
</tr>
<tr>
<td>COMS 2330 Introduction to Communication and Research</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:
- FILM 2200 Introduction to Cinema: 3
- MMJ 2331 Introduction to Journalism: 3
- THEA 2333 Acting I: Fundamentals of Acting: 3

Select one of the following:
- Foreign Language - through 2001: 3
- Significant International Content Course: 3

### Major Requirements

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>COMS 3332 Small Group Communication</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>COMS 3335 Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 3337 Persuasion</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 3338 Rhetorical Criticism</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 4333 General Semantics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 5330 Communication Theory (Communication Theory)</td>
<td>3</td>
</tr>
</tbody>
</table>

### Additional upper division requirements

Select 18-20 credit hours of additional upper division requirements: 18-20

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>COMS 3331 Media Criticism</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>COMS 4331 Gender, Media, and Representation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 1711 Communication Studies Practicum</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>or COMS 2711 Communication Studies Practicum</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 3030 Selected Topics in Communication Studies</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 3330 Health Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 3331 Argumentation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 3334 Communicating in the Workplace</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 3336 Introduction to Performance Studies</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 3339 Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 3430 Communication and Leadership</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 3711 Communication Studies Practicum</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 4330 Rhetoric of International Relations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 4332 Political Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 4336 Performance, Culture, Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 4337 Rhetoric of Social Movements</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 4338 Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 4339 Philosophy of Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COMS 4711 Communication Studies Practicum</td>
<td>3</td>
</tr>
</tbody>
</table>

### Upper Division Communication Arts Electives (Other Than Communication Studies Courses)

9-12

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Electives</th>
<th>Select 10-15 credit hours of Electives</th>
<th>10-15</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>124</td>
<td></td>
</tr>
</tbody>
</table>

### Other Program Requirements

- Students must make a minimum grade of “C” in each Communication Arts class to receive credit for that course.
- Students must have a total institution GPA of 2.5 before enrolling for internship credit hours (Communication Studies Internship (COMS 4791)).

### Honors in Communication Studies

To graduate with Honors in Communication Studies, a student must:

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

### Advisement

All Communication Studies majors at the Statesboro Campus are advised in the College of Arts & Humanities Advisement Center, Interdisciplinary Academic Building, 1040. 912.478.2316. Majors at the Armstrong Campus are advised in Academic Advising and Support, in the Student Success Center. Students in the University Honors Program are also advised in the Advisement Centers.

### Communication Studies Minor

#### Prerequisite(s)

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>COMM 1100 Human Communication</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>COMM 1110 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

#### Minor Program

| Credit Hours | COMS 2330 Introduction to Communication and Research | 3 |

Select 12 hours from the following: 12

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>COMS 3331 Media Criticism</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>COMM 4331 Gender, Media, and Representation</td>
<td>3</td>
</tr>
</tbody>
</table>
Film Studies Interdisciplinary Minor

Minor Program

Required Minor Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2434</td>
<td>The Language of Film</td>
<td>3</td>
</tr>
<tr>
<td>FILM 3331</td>
<td>History of Cinema</td>
<td>3</td>
</tr>
</tbody>
</table>

Minor Electives

Select three of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3232</td>
<td>The Art of Film Adaptation of Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3535</td>
<td>Patterns in Film and Literature</td>
<td>3</td>
</tr>
<tr>
<td>FILM 3030</td>
<td>Selected Topics in Cinema</td>
<td>3</td>
</tr>
<tr>
<td>FILM 3332</td>
<td>Documentary Film</td>
<td>3</td>
</tr>
<tr>
<td>FILM 3333</td>
<td>Cinema Genres</td>
<td>3</td>
</tr>
<tr>
<td>IRSH 3430</td>
<td>Ireland in Film</td>
<td>3</td>
</tr>
<tr>
<td>POLS 3334</td>
<td>Film and Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 15

Contact

Department of Literature and Philosophy/Department of Communication Arts
(912) 478-5471

Multimedia Film and Production B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
</tr>
<tr>
<td>Additional Requirements</td>
</tr>
</tbody>
</table>

Area F - Courses Appropriate to Major

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 2332</td>
<td>Media and Society</td>
<td>3</td>
</tr>
<tr>
<td>COMS 2330</td>
<td>Introduction to Communication Research</td>
<td>3</td>
</tr>
<tr>
<td>FILM 2200</td>
<td>Introduction to Cinema</td>
<td>3</td>
</tr>
<tr>
<td>IT 1230</td>
<td>Introduction to Web Technologies</td>
<td>3</td>
</tr>
<tr>
<td>or THEA 2332</td>
<td>Stagecraft</td>
<td>3</td>
</tr>
<tr>
<td>MMFP 2335</td>
<td>Introduction to Media Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

Foreign Language - through 2001
Significant International Content Course

Total Credit Hours: 124

1 Should be taken concurrently with MMFP 2331 and MMFP 2336 and a "C" or higher grade must be earned in each before a student will be permitted to register for higher numbered MMFP courses.

Major Requirements

Other Program Requirements

- Students must make a minimum grade of "C" in each Communication Arts class to receive credit for that course.
- A total institution GPA of 2.75 is required to register for internship credit. A maximum of 3 credit hours of internship credit can be applied to major requirements. The deadlines for applying for internships are
October 1 for Spring semester, February 1 for Summer semester, and March 1 for the following Fall semester placement. Secure forms and submit the appropriate materials to the Internship Coordinator.

Honors in Multimedia Film and Production

To graduate with Honors in Multimedia Film and Production, a student must:

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

All Multimedia Film and Production majors are advised in the College of Arts & Humanities Advisement Center, Interdisciplinary Academic Building, 1040. 912.478.2316. Students in the University Honors Program are also advised in the CAH Advisement Center.

Multimedia Film and Production Minor

Prerequisite(s)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 2332</td>
<td>Media and Society</td>
</tr>
</tbody>
</table>

Total Credit Hours: 3

Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 3337</td>
<td>Mass Communication Law</td>
</tr>
<tr>
<td>or COMM 3530</td>
<td>Media Ethics</td>
</tr>
<tr>
<td>MMFP 2331</td>
<td>Multi-Camera Production 1</td>
</tr>
<tr>
<td>MMFP 2335</td>
<td>Introduction to Media Writing 1</td>
</tr>
<tr>
<td>MMFP 2336</td>
<td>Audio Production and Sound Design 1</td>
</tr>
<tr>
<td>MMFP - Two Upper Division courses</td>
<td>6</td>
</tr>
</tbody>
</table>

Total Credit Hours: 18

1 Multi-Camera Production (MMFP 2331), Introduction to Media Writing (MMFP 2335), and Audio Production and Sound Design (MMFP 2336) must be taken concurrently and a "C" or higher grade must be earned in each before a student will be permitted to register for higher numbered MMFP courses.

Contact

Chair, Department of Communication Arts
Sanford Hall
(912) 478-5138

Multimedia Journalism B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Electives

Other Communication Arts electives may be selected with departmental approval.

Other Communication Arts electives may be selected with departmental approval.
Select a minimum of 18 elective credit hours, to include a minimum of 6 upper-division elective credit hours in one discipline

Total Credit Hours 124

Other Program Requirements

- Students must make a minimum grade of “C” in each Communication Arts class to receive credit hour for that course.

Honors in Journalism

To graduate with Honors in Journalism, a student must:

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

All Multimedia majors on the Statesboro campus are advised by an advisor located in the Interdisciplinary Academic Building, Room 1048. Students in the University Honors Program (UHP) are also advised in the Department.

Multimedia Journalism Minor

Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 2332</td>
<td>3</td>
</tr>
<tr>
<td>COMM 3337</td>
<td>3</td>
</tr>
<tr>
<td>MMJ 2331</td>
<td>3</td>
</tr>
<tr>
<td>MMJ 3100</td>
<td>3</td>
</tr>
<tr>
<td>MMJ 3335</td>
<td>3</td>
</tr>
<tr>
<td>MMJ 3631</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 18

1 Public Relations Majors, for whom News Reporting and Writing I (MMJ 3100) is a requirement for their major, must take MMJ 3200 in place of MMJ 3100.

Contact

Chair, Department of Communication Arts
Sanford Hall
(912) 478-5138

Public Relations B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

Credit Hours 42

General Requirements (Core Areas A - E)

Additional Requirements 4

Area F - Courses Appropriate to Major

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1100</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 14

1 A total institution GPA of 2.5 is required to register for internship credit. A maximum of 3 hours of internship can be applied toward graduation requirements.

Electives

Credit Hours 14

Other Program Information

- Students must make a minimum grade of “C” in each Communication Arts class to receive credit hour for that course.
Honors in Public Relations

To graduate with Honors in Public Relations, a student must:

• be admitted to the University Honors Program;
• successfully complete at least three credit hours of HONS 4610 over three semesters;
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Advisement

All Public Relations majors are advised in the College of Arts & Humanities Advisement Center, Interdisciplinary Academic Building, 1040. 912.478.2316. Students in the University Honors Program are also advised in the CAH Advisement Center.

Public Relations Minor

Prerequisite(s)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 2332</td>
<td>Media and Society</td>
<td>3</td>
</tr>
<tr>
<td>MMJ 2331</td>
<td>Introduction to Journalism</td>
<td>3</td>
</tr>
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<td></td>
<td>Total Credit Hours</td>
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Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 3337</td>
<td>Mass Communication Law</td>
<td>3</td>
</tr>
<tr>
<td>PRCA 3100</td>
<td>Introduction to Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>PRCA 3330</td>
<td>Public Relations Writing</td>
<td>3</td>
</tr>
<tr>
<td>PRCA - Upper Division electives with appropriate prerequisites (Upper Division electives cannot include internship courses)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>15</td>
</tr>
</tbody>
</table>

Contact

Chair, Department of Communication Arts
Sanford Hall
(912) 478-5138

Theatre B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>or THEA 2410</td>
<td>Oral Interpretation</td>
<td></td>
</tr>
<tr>
<td>THEA 2300</td>
<td>Script Analysis</td>
<td>3</td>
</tr>
<tr>
<td>THEA 2332</td>
<td>Stagecraft</td>
<td>3</td>
</tr>
<tr>
<td>THEA 2333</td>
<td>Acting I: Fundamentals of Acting</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language 2001 - Intermediate I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Foreign Language 2002 - Intermediate II</td>
<td>3</td>
<td></td>
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</tbody>
</table>

Major Requirements

Specific Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 2711</td>
<td>Theatre Practicum</td>
<td>1</td>
</tr>
<tr>
<td>THEA 3200</td>
<td>Stage Design Concepts</td>
<td>3</td>
</tr>
<tr>
<td>THEA 3230</td>
<td>Voice for the Stage</td>
<td>3</td>
</tr>
<tr>
<td>THEA 3337</td>
<td>Play Directing</td>
<td>3</td>
</tr>
<tr>
<td>THEA 3711</td>
<td>Practicum: Professional Development</td>
<td>1</td>
</tr>
<tr>
<td>THEA 4330</td>
<td>Theatre History I: Origins to 1700</td>
<td>3</td>
</tr>
<tr>
<td>THEA 4331</td>
<td>Theatre History II: 1700 to Contemporary</td>
<td>3</td>
</tr>
<tr>
<td>THEA 4711</td>
<td>Practicum: Capstone</td>
<td>1</td>
</tr>
</tbody>
</table>

Select one from the following Upper Division Design Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 4335</td>
<td>Scene Design</td>
<td></td>
</tr>
<tr>
<td>THEA 4336</td>
<td>Lighting Design</td>
<td></td>
</tr>
<tr>
<td>THEA 4337</td>
<td>Costume Design</td>
<td></td>
</tr>
</tbody>
</table>

Select 15 credit hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 3336</td>
<td>Introduction to Performance Studies</td>
<td>3</td>
</tr>
<tr>
<td>COMS 4336</td>
<td>Performance, Culture, Communication</td>
<td>3</td>
</tr>
<tr>
<td>MMFP 3436</td>
<td>Advanced Audio Production</td>
<td></td>
</tr>
<tr>
<td>MMFP 4135</td>
<td>Lighting and Cinematography</td>
<td></td>
</tr>
<tr>
<td>MMFP 4337</td>
<td>Digital Media Post Production</td>
<td></td>
</tr>
<tr>
<td>THEA 3030</td>
<td>Selected Topics in Theatre</td>
<td></td>
</tr>
<tr>
<td>THEA 3131</td>
<td>Stage Makeup</td>
<td></td>
</tr>
<tr>
<td>THEA 3231</td>
<td>Movement for the Actor</td>
<td></td>
</tr>
<tr>
<td>THEA 3233</td>
<td>Audition and the Business of Acting</td>
<td>3</td>
</tr>
<tr>
<td>THEA 3234</td>
<td>Acting for the Screen</td>
<td></td>
</tr>
<tr>
<td>THEA 3330</td>
<td>Acting II: Scene Study</td>
<td></td>
</tr>
<tr>
<td>THEA 3332</td>
<td>African American Theatre</td>
<td></td>
</tr>
<tr>
<td>THEA 3333</td>
<td>Irish Theatre</td>
<td></td>
</tr>
<tr>
<td>THEA 3336</td>
<td>Theatre Management</td>
<td></td>
</tr>
<tr>
<td>THEA 3338</td>
<td>Rehearsal and Performance</td>
<td></td>
</tr>
<tr>
<td>THEA 3500</td>
<td>Musical Theatre Voice (2hr)</td>
<td></td>
</tr>
<tr>
<td>THEA 3501</td>
<td>Musical Theatre Voice II (2hr)</td>
<td></td>
</tr>
<tr>
<td>THEA 3503</td>
<td>Creative Dramatics</td>
<td></td>
</tr>
<tr>
<td>THEA 3504</td>
<td>Musical Theatre Dance Choreography</td>
<td></td>
</tr>
<tr>
<td>THEA 3505</td>
<td>Theatre Dance Techniques</td>
<td></td>
</tr>
<tr>
<td>THEA 3506</td>
<td>Theatre Management II: Marketing the Arts</td>
<td>15</td>
</tr>
<tr>
<td>THEA 3509</td>
<td>Play Production</td>
<td></td>
</tr>
<tr>
<td>THEA 3760</td>
<td>Scene Painting</td>
<td></td>
</tr>
<tr>
<td>THEA 3850</td>
<td>Problems in Design</td>
<td></td>
</tr>
<tr>
<td>THEA 4030</td>
<td>Children's Theatre Tour</td>
<td></td>
</tr>
<tr>
<td>THEA 4332</td>
<td>Children's Theatre and Storytelling</td>
<td>3</td>
</tr>
<tr>
<td>THEA 4333</td>
<td>Acting III: Styles</td>
<td></td>
</tr>
<tr>
<td>THEA 4334</td>
<td>Drama in Performance</td>
<td></td>
</tr>
<tr>
<td>THEA 4335</td>
<td>Scene Design</td>
<td></td>
</tr>
<tr>
<td>THEA 4336</td>
<td>Lighting Design</td>
<td></td>
</tr>
<tr>
<td>THEA 4337</td>
<td>Costume Design</td>
<td></td>
</tr>
<tr>
<td>THEA 4338</td>
<td>Seminar: World Theatre</td>
<td></td>
</tr>
<tr>
<td>THEA 4430</td>
<td>Acting for the Screen II: Advanced Techniques</td>
<td>3</td>
</tr>
<tr>
<td>THEA 4500</td>
<td>Advanced Lighting Design</td>
<td></td>
</tr>
<tr>
<td>THEA 4501</td>
<td>Stagecraft II</td>
<td></td>
</tr>
</tbody>
</table>
Theatre Minor

Prerequisite(s)

- Theatre Minor through the Advisement Centers. Students in the University Honors Program are also advised in Academic Advising and Support, in the Student Success Building, 3002. 912.478.7740. Majors at the Armstrong Campus are advised in the College of Arts & Humanities Advisement Center, located in the Foy Building.
- All Theatre majors at the Statesboro Campus are advised through the Advisement Center.

Electives

Select 9 credit hours of Electives

Minor - Required

Select 15 credit hours of Minor

Total Credit Hours

Other Program Requirements

- Students must make a minimum grade of “C” in each Communication Arts class to receive credit for that course.

Honors in Theatre

To graduate with Honors in Theatre, a student must:

- Be admitted to the University Honors Program
- Successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters
- Successfully complete and present an Honors Thesis or Capstone project
- Be in good standing in the University Honors Program at time of graduation

Suggested courses for Honors:

- THEA 3337 Play Directing 3
- THEA 4330 Theatre History I: Origins to 1700 3
- THEA 4331 Theatre History II: 1700 to Contemporary 3
- THEA 4335 Scene Design 3
- THEA 4336 Lighting Design 3
- THEA 4337 Costume Design 3

Advisement

All Theatre majors at the Statesboro Campus are advised through the College of Arts & Humanities Advisement Center, located in the Foy Building, 3002, 912.478.7740. Majors at the Armstrong Campus are advised in Academic Advising and Support, in the Student Success Center. Students in the University Honors Program are also advised through the Advisement Centers.

Theatre Minor

Prerequisite(s)

- Theatre 1100 Theatre Appreciation 3

Total Credit Hours 3

Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 2300</td>
<td>3</td>
</tr>
<tr>
<td>THEA 2332</td>
<td>3</td>
</tr>
<tr>
<td>THEA 3233</td>
<td>3</td>
</tr>
<tr>
<td>THEA Upper Division courses</td>
<td>12</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td>15</td>
</tr>
</tbody>
</table>

These classes serve as pre-requisites for upper division THEA courses. You may need to take more than one as part of your general electives, depending on the courses you select to fulfill your minor. THEA 2300 is a prerequisite for THEA 3337, THEA 4330, THEA 4331, THEA 4335, THEA 4336, and THEA 4337. THEA 2332 is a prerequisite for THEA 3200, THEA 3200, THEA 3233, THEA 4336, and THEA 4337. THEA 2333 is a prerequisite THEA 3234, THEA 3330, THEA 4333, and THEA 4505 Pre-Req Acting II, Acting III, and Acting IV.

Contact

Chair, Department of Communication Arts
Sanford Hall
(912) 478-5138

Department of Foreign Languages

The program mission of the Department of Foreign Languages (DFL) is to prepare students to use their linguistic proficiency and cultural knowledge to function successfully in a global environment. The program serves not only students who major in Modern Languages or minor in a foreign language but also students who major in other disciplines and study a foreign language. By creating an environment in which students master both linguistic competence and cultural sensitivity, the program supports the University’s broader institutional vision of graduating students who embrace core values expressed through integrity, civility, kindness, collaboration, and a commitment to lifelong learning, wellness, and social responsibility. The program, including study abroad components, consists of a variety of courses that teach the linguistic skills of speaking, listening, writing, and reading, and engage the student in discussions of intercultural and intellectual traditions, perspectives, and artifacts. Faculty expect students to learn to analyze, understand, and appreciate—in a thoughtful and critical manner—literary, philosophical, social, and political texts and contexts, both historical and contemporary, of the regions where the target language is used. Foreign Languages faculty apply the framework and guidelines set forth by the American Council on the Teaching of Foreign Languages (ACTFL) as the standard for facilitating student progress towards ACTFL Advanced-Level proficiency. Successful students are prepared to be highly competent both linguistically and culturally in a variety of professions (business, education, government, NGOs, hospitality, etc.) and can also use their skills and knowledge as a springboard to graduate study (law, medicine, education, social work, etc.).

Students graduating with a B.A. in Modern Languages will:

1. demonstrate Advanced-Low Proficiency in speaking as defined by ACTFL. The student who has reached the Advanced-Low proficiency level demonstrates the ability to narrate and describe in the past, present, and future in paragraph-length discourse, and to handle a variety of communicative tasks.
2. demonstrate the ability to analyze culture by using the language to investigate, explain, and reflect on the relationships among the practices, products, and perspectives of the the cultures of the regions where the language is used.
Programs

Majors
- Modern Languages B.A. (Concentration in Arabic) (p. 58)
- Modern Languages B.A. (Concentration in Chinese) (p. 59)
- Modern Languages B.A. (Concentration in French) (p. 60)
- Modern Languages B.A. (Concentration in German) (p. 61)
- Modern Languages B.A. (Concentration in Japanese) (p. 62)
- Modern Languages B.A. (Concentration in Latin) (p. 62)
- Modern Languages B.A. (Concentration in Spanish) (p. 63)

Minors
- Arabic Minor (p. 57)
- Chinese Minor (p. 57)
- Foreign Language Minor (p. 57)
- French Minor (p. 57)
- German Minor (p. 58)
- Japanese Minor (p. 58)
- Latin Minor (p. 58)
- Spanish Minor (p. 65)

Certificates
No results were found.

Arabic Minor

Prerequisite(s)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARAB 1001</td>
<td>Elementary Arabic I</td>
<td>3</td>
</tr>
<tr>
<td>ARAB 1002</td>
<td>Elementary Arabic II</td>
<td>3</td>
</tr>
<tr>
<td>ARAB 2001</td>
<td>Intermediate Arabic I</td>
<td>3</td>
</tr>
<tr>
<td>ARAB 2002</td>
<td>Intermediate Arabic II</td>
<td>3</td>
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<tr>
<td></td>
<td>Total Credit Hours</td>
<td>12</td>
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</table>

Minor Program

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
</tr>
</tbody>
</table>

Contact

Chair, Department of Foreign Languages
Interdisciplinary Academic Building
Room 2409
(912) 478-8081

Chinese Minor

Prerequisite(s)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN 1001</td>
<td>Elementary Chinese I</td>
<td>3</td>
</tr>
<tr>
<td>CHIN 1002</td>
<td>Elementary Chinese II (or equivalents )</td>
<td>3</td>
</tr>
<tr>
<td>CHIN 2001</td>
<td>Intermediate Chinese I</td>
<td>3</td>
</tr>
</tbody>
</table>

Minor Program

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
</tr>
</tbody>
</table>

Contact

Chair, Department of Foreign Languages
Interdisciplinary Academic Building
Room 2409
(912) 478-8081

French Minor

Prerequisite(s)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 1001</td>
<td>Elementary French I</td>
<td>3</td>
</tr>
<tr>
<td>FREN 1002 &amp; FREN 1060</td>
<td>Accelerated Elementary French</td>
<td>6</td>
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</tbody>
</table>
German Minor

Prerequisite(s)

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRMN 1001</td>
<td>Elementary German I</td>
<td>3</td>
</tr>
<tr>
<td>&amp; GRMN 1002</td>
<td>Elementary German II</td>
<td>3</td>
</tr>
<tr>
<td>GRMN 1060</td>
<td>Accelerated Elementary German</td>
<td>6</td>
</tr>
<tr>
<td>GRMN 2001</td>
<td>Intermediate German I</td>
<td>3</td>
</tr>
<tr>
<td>&amp; GRMN 2002</td>
<td>Intermediate German II (or equivalent)</td>
<td>3</td>
</tr>
</tbody>
</table>

Minor Program

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
</tr>
</tbody>
</table>

Contact

Chair, Department of Foreign Languages
Interdisciplinary Academic Building
Room 2409
(912) 478-8081

Latin Minor

Prerequisite(s)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LATN 1001</td>
<td>Elementary Latin I</td>
<td>3</td>
</tr>
<tr>
<td>LATN 1002</td>
<td>Elementary Latin II (or equivalents)</td>
<td>3</td>
</tr>
<tr>
<td>LATN 2001</td>
<td>Intermediate Latin I</td>
<td>3</td>
</tr>
<tr>
<td>LATN 2002</td>
<td>Intermediate Latin II (or equivalents)</td>
<td>3</td>
</tr>
</tbody>
</table>

Minor Program

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
</tr>
</tbody>
</table>

Contact

Chair, Department of Foreign Languages
Interdisciplinary Academic Building
Room 2409
(912) 478-8081

Modern Languages B.A. (Concentration in Arabic)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

See Modern Languages Suggested Chronology for four year suggested course rotation.

General Requirements (Core Area A - E) 42

Additional Requirements 4

Area F - Courses Appropriate to Major

Required:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARAB 2001</td>
<td>Intermediate Arabic I Intermediate Arabic I</td>
<td>0-6</td>
</tr>
<tr>
<td>ARAB 2002</td>
<td>Intermediate Arabic II Intermediate Arabic II</td>
<td>12-18</td>
</tr>
</tbody>
</table>

Elective Courses 12-18
Any lower-division course in any field in which knowledge of a foreign language will benefit the student is acceptable for Area F. Students should consult with their advisor on appropriate courses for Area F. Additional language courses are encouraged:

| ARAB  | 1001 | Elementary Arabic I  
| CHIN  | 1001 | Elementary Chinese I  
| CHIN  | 1002 | Elementary Chinese II  
| CHIN  | 2001 | Intermediate Chinese I  
| CHIN  | 2002 | Intermediate Chinese II  
| FREN  | 1001 | Elementary French I  
| FREN  | 1002 | Elementary French II  
| FREN  | 2001 | Intermediate French I  
| FREN  | 2002 | Intermediate French II  
| FORL  | 1090 | Selected Topics in Foreign Languages  
| FORL  | 2090 | Intermediate Foreign Language  
| GRMN  | 1001 | Elementary German I  
| GRMN  | 1002 | Elementary German II  
| GRMN  | 2001 | Intermediate German I  
| GRMN  | 2002 | Intermediate German II  
| JAPN  | 1001 | Elementary Japanese I  
| JAPN  | 1002 | Elementary Japanese II  
| JAPN  | 2001 | Intermediate Japanese I  
| JAPN  | 2002 | Intermediate Japanese II  
| LATN  | 1001 | Elementary Latin I  
| LATN  | 1002 | Elementary Latin II  
| LATN  | 2001 | Intermediate Latin I  
| LATN  | 2002 | Intermediate Latin II  
| SPAN  | 1001 | Elementary Spanish I  
| SPAN  | 1002 | Elementary Spanish II  
| SPAN  | 2001 | Intermediate Spanish I  
| SPAN  | 2002 | Intermediate Spanish II  

**Major Requirements**

24 additional upper-division credit hours in ARAB.  

**Minor or Second Major Required**

Select 15-30 credit hours of Minor or Second Major courses (credit hours will vary according to minor or second major)  

**Free Electives**

Select 6-21 credit hours of Electives as needed to complete 124 total credit hours (advisor approved)  

**Total Credit Hours**  

124  

**Other Program Requirements**

- Students must earn a minimum grade of "C" in each course in Arabic.  
- Students must complete the Modern Languages Exit Exam.  
- Students must complete a minimum of 39 upper-division hours.  

**Honors in Arabic**

To graduate with Honors in Modern Languages with a concentration in Arabic, a student must:

- be admitted to the University Honors Program;  
- successfully complete an additional six credit hours in ARAB at the 4000-level (for a total of 30 hours of upper-division ARAB), three of which must be ARAB 4890 (Honors);  
- successfully complete and present an Honors Thesis or Capstone Project;  
- be in good standing in the University Honors Program at the time of graduation.  

**Advisement**

All Modern Languages majors, including students in the UHP, are advised by an advisor located in the Interdisciplinary Academic Building on the Statesboro Campus, (912 478-7740) and in the Student Success Center on the Armstrong Campus (912-344-2570).

**Modern Languages B.A. (Concentration in Chinese)**

**Degree Requirements: 124 Credit Hours**

See Core Curriculum for required courses in Area A1 through Area E.  

See Modern Languages Suggested Chronology for four year suggested course rotation.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Area A - E)</td>
</tr>
<tr>
<td>Additional Requirements</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>Required:</td>
</tr>
</tbody>
</table>
| CHIN 2001 | Intermediate Chinese I  
| CHIN 2002 | Intermediate Chinese II  
| Elective Courses | 12-18 |
| Any lower-division course in any field in which knowledge of a foreign language will benefit the student is acceptable for Area F. Students should consult with their advisor on appropriate courses for Area F. Additional language courses are encouraged:  

| ARAB 1001 | Elementary Arabic I  
| ARAB 1002 | Elementary Arabic II  
| ARAB 2001 | Intermediate Arabic I  
| ARAB 2002 | Intermediate Arabic II  
| CHIN 1001 | Elementary Chinese I  
| CHIN 1002 | Elementary Chinese II  
| FREN 1001 | Elementary French I  
| FREN 1002 | Elementary French II  
| FREN 2001 | Intermediate French I  
| FREN 2002 | Intermediate French II  
| FORL 1090 | Selected Topics in Foreign Languages  
| FORL 2090 | Intermediate Foreign Language  
| GRMN 1001 | Elementary German I  
| GRMN 1002 | Elementary German II  
| GRMN 2001 | Intermediate German I  
| GRMN 2002 | Intermediate German II  
| JAPN 1001 | Elementary Japanese I  
| JAPN 1002 | Elementary Japanese II  
| JAPN 2001 | Intermediate Japanese I  
| JAPN 2002 | Intermediate Japanese II  
| LATN 1001 | Elementary Latin I  
| LATN 1002 | Elementary Latin II  
| LATN 2001 | Intermediate Latin I  
| LATN 2002 | Intermediate Latin II  
| SPAN 1001 | Elementary Spanish I  
| SPAN 1002 | Elementary Spanish II  
| SPAN 2001 | Intermediate Spanish I  
| SPAN 2002 | Intermediate Spanish II  

| Total Credit Hours | 124 |
Modern Languages B.A. (Concentration in French)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

See Modern Languages Suggested Chronology for four year suggested course rotation.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Area A - E)</th>
<th>Additional Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other Program Requirements

- Students must earn a minimum grade of “C” in each course in Chinese.
- Students must complete the Modern Languages Exit Exam.
- Students must complete a minimum of 39 upper-division hours.

Honors in Chinese

To graduate with Honors in Modern Languages with a concentration in Chinese, a student must:

- be admitted to the University Honors Program;
- successfully complete an additional six credit hours in CHIN at the 4000-level (for a total of 30 hours of upper-division CHIN), three of which must be CHIN 4890 (Honors);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

All Modern Languages majors, including students in the UHP, are advised by an advisor located in the Interdisciplinary Academic Building on the Statesboro Campus, (912 478-7740) and in the Student Success Center on the Armstrong Campus (912-344-2570).

Modern Languages B.A. (Concentration in French)

Area F - Courses Appropriate to Major

Required: 0-6

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>FREN 2001 Intermediate French I (or equivalent)</th>
<th>FREN 2002 Intermediate French II (or equivalent)</th>
<th>FREN 2060 Accelerated Intermediate French (or equivalent)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>6</td>
</tr>
</tbody>
</table>

Elective Courses 12-18

Any lower-division course in any field in which knowledge of a foreign language will benefit the student is acceptable for Area F. Additional language courses are encouraged:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>ARAB 1001 Elementary Arabic I Elementary Arabic I</th>
<th>ARAB 1002 Elementary Arabic II Elementary Arabic II</th>
<th>ARAB 2001 Intermediate Arabic I Intermediate Arabic I</th>
<th>ARAB 2002 Intermediate Arabic II Intermediate Arabic II</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>CHIN 1001 Elementary Chinese I</th>
<th>CHIN 1002 Elementary Chinese II</th>
<th>CHIN 2001 Intermediate Chinese I</th>
<th>CHIN 2002 Intermediate Chinese II</th>
<th>FORL 1090 Selected Topics in Foreign Languages</th>
<th>FORL 2090 Intermediate Foreign Language</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>FREN 1001 Elementary French I</th>
<th>FREN 1002 Elementary French II</th>
<th>GRMN 1001 Elementary German I</th>
<th>GRMN 1002 Elementary German II</th>
<th>GRMN 2001 Intermediate German I</th>
<th>GRMN 2002 Intermediate German II</th>
</tr>
</thead>
<tbody>
<tr>
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<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
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</thead>
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<td></td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>LATN 1001 Elementary Latin I</th>
<th>LATN 1002 Elementary Latin II</th>
<th>LATN 2001 Intermediate Latin I</th>
<th>LATN 2002 Intermediate Latin II</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>SPAN 1001 Elementary Spanish I</th>
<th>SPAN 1002 Elementary Spanish II</th>
<th>SPAN 2001 Intermediate Spanish I</th>
<th>SPAN 2002 Intermediate Spanish II</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

Major Requirements

24 upper-division credit hours in FREN 24

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Minor or Second Major Required</th>
<th>Free Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15-30</td>
<td>6-21</td>
</tr>
</tbody>
</table>

Total Credit Hours 124

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>124</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>124</td>
</tr>
</tbody>
</table>

Other Program Requirements

- Students must earn a minimum grade of “C” in each course in Chinese.
- Students must complete the Modern Languages Exit Exam.
- Students must complete a minimum of 39 upper-division hours.

Honors in Chinese

To graduate with Honors in Modern Languages with a concentration in Chinese, a student must:

- be admitted to the University Honors Program;
- successfully complete an additional six credit hours in CHIN at the 4000-level (for a total of 30 hours of upper-division CHIN), three of which must be CHIN 4890 (Honors);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

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Other Program Requirements

- Students must earn a minimum grade of "C" in each course in French.
- Students must complete the Modern Languages Exit Exam.
- Students must complete a minimum of 39 upper-division hours.

Honors in French

To graduate with Honors in Modern Languages with a concentration in French, a student must:

- be admitted to the University Honors Program;
- successfully complete an additional six credit hours in FREN at the 4000-level (for a total of 30 hours of upper-division FREN), three of which must be FREN 4890 (Honors);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

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Modern Languages B.A.
(Concentration in German)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

See Modern Languages Suggested Chronology for four year suggested course rotation.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORL 1090</td>
<td>Selected Topics in Foreign Languages</td>
</tr>
<tr>
<td>FORL 2090</td>
<td>Intermediate Foreign Language</td>
</tr>
<tr>
<td>FREN 1001</td>
<td>Elementary French I</td>
</tr>
<tr>
<td>FREN 1002</td>
<td>Elementary French II</td>
</tr>
<tr>
<td>FREN 2001</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>FREN 2002</td>
<td>Intermediate French II</td>
</tr>
<tr>
<td>GRMN 1001</td>
<td>Elementary German I</td>
</tr>
<tr>
<td>GRMN 1002</td>
<td>Elementary German II</td>
</tr>
<tr>
<td>JAPN 1001</td>
<td>Elementary Japanese I</td>
</tr>
<tr>
<td>JAPN 1002</td>
<td>Elementary Japanese II</td>
</tr>
<tr>
<td>JAPN 2001</td>
<td>Intermediate Japanese I</td>
</tr>
<tr>
<td>JAPN 2002</td>
<td>Intermediate Japanese II</td>
</tr>
<tr>
<td>LATN 1001</td>
<td>Elementary Latin I</td>
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<tr>
<td>LATN 1002</td>
<td>Elementary Latin II</td>
</tr>
<tr>
<td>LATN 2001</td>
<td>Intermediate Latin I</td>
</tr>
<tr>
<td>LATN 2002</td>
<td>Intermediate Latin II</td>
</tr>
<tr>
<td>SPAN 1001</td>
<td>Elementary Spanish I</td>
</tr>
<tr>
<td>SPAN 1002</td>
<td>Elementary Spanish II</td>
</tr>
<tr>
<td>SPAN 2001</td>
<td>Intermediate Spanish I</td>
</tr>
<tr>
<td>SPAN 2002</td>
<td>Intermediate Spanish II</td>
</tr>
</tbody>
</table>

Major Requirements

24 upper-division credit hours in GRMN

Minor or Second Major Required

Select 15-30 credit hours of Minor or Second Major courses (credit hours will vary according to minor or second major)

Free Electives

Select 6-21 credit hours of Electives as needed to complete 124 total credit hours (advisor approved)

Total Credit Hours 124

Other Program Requirements

- Students must earn a minimum grade of "C" in each course in German.
- Students must complete the Modern Languages Exit Exam.
- Students must complete a minimum of 39 upper-division hours.

Honors in German

To graduate with Honors in Modern Languages with a concentration in German, a student must:

- be admitted to the University Honors Program;
- successfully complete an additional six credit hours in GRMN at the 4000-level (for a total of 30 hours of upper-division GRMN), three of which must be GRMN 4890 (Honors);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

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Modern Languages B.A. (Concentration in Japanese)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

See Modern Languages Suggested Chronology for four year suggested course rotation.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Area A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Area F - Courses Appropriate to Major</td>
<td></td>
</tr>
<tr>
<td>Required:</td>
<td>JAPN 2001 Intermediate Japanese I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>JAPN 2002 Intermediate Japanese II</td>
<td>3</td>
</tr>
<tr>
<td>Elective Courses</td>
<td>12-18 Any lower-division course in any field in which knowledge of a foreign language will benefit the student is acceptable for Area F. Students should consult with their advisor on appropriate courses for Area F. Additional language courses are encouraged:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ARAB 1001 Elementary Arabic I Elementary Arabic I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ARAB 1002 Elementary Arabic II Elementary Arabic II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ARAB 2001 Intermediate Arabic I Intermediate Arabic I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ARAB 2002 Intermediate Arabic II Intermediate Arabic II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHIN 1001 Elementary Chinese I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHIN 1002 Elementary Chinese II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHIN 2001 Intermediate Chinese I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHIN 2002 Intermediate Chinese II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FREN 1001 Elementary French I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FREN 1002 Elementary French II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FREN 2001 Intermediate French I</td>
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</tr>
<tr>
<td></td>
<td>FREN 2002 Intermediate French II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FORL 1090 Selected Topics in Foreign Languages</td>
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</tr>
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<td></td>
<td>FORL 2090 Intermediate Foreign Language</td>
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</tr>
<tr>
<td></td>
<td>GRMN 1001 Elementary German I</td>
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<td>GRMN 2002 Intermediate German II</td>
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<td>JAPN 1001 Elementary Japanese I</td>
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<td></td>
<td>JAPN 1002 Elementary Japanese II</td>
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<tr>
<td></td>
<td>LATN 1001 Elementary Latin I</td>
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</tr>
<tr>
<td></td>
<td>LATN 1002 Elementary Latin II</td>
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</tr>
<tr>
<td></td>
<td>LATN 2001 Intermediate Latin I</td>
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<td></td>
<td>LATN 2002 Intermediate Latin II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPAN 1001 Elementary Spanish I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPAN 1002 Elementary Spanish II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPAN 2001 Intermediate Spanish I</td>
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<tr>
<td></td>
<td>SPAN 2002 Intermediate Spanish II</td>
<td></td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24 additional upper-division credit hours in JAPN.</td>
<td>24</td>
</tr>
<tr>
<td>Minor or Second Major Required</td>
<td>Select 15-30 credit hours of Minor or Second Major courses (credit hours will vary according to minor or second major)</td>
<td>15-30</td>
</tr>
<tr>
<td>Free Electives</td>
<td>Select 6-21 credit hours of Electives as needed to complete 124 total credit hours (advisor approved)</td>
<td>6-21</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td>124</td>
<td></td>
</tr>
</tbody>
</table>

Other Program Requirements

- Students must earn a minimum grade of “C” in each course in Japanese.
- Students must complete the Modern Languages Exit Exam.
- Students must complete a minimum of 39 upper-division hours.

Honors in Japanese

To graduate with Honors in Modern Languages with a concentration in Japanese, a student must:

- be admitted to the University Honors Program;
- successfully complete an additional six credit hours in JAPN at the 4000-level (for a total of 30 hours of upper-division JAPN), three of which must be JAPN 4890 (Honors);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

All Modern Languages majors, including students in the UHP, are advised by an advisor located in the Interdisciplinary Academic Building on the Statesboro Campus. (912 478-7740) and in the Student Success Center on the Armstrong Campus (912-344-2570).

Modern Languages B.A. (Concentration in Latin)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

See Modern Languages Suggested Chronology for four year suggested course rotation.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Area A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Area F - Courses Appropriate to Major</td>
<td></td>
</tr>
<tr>
<td>Required:</td>
<td>LATN 2001 Intermediate Latin I</td>
<td>3</td>
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<td></td>
<td>LATN 2002 Intermediate Latin II</td>
<td>3</td>
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<tr>
<td>Elective Courses</td>
<td>12-18 Any lower-division course in any field in which knowledge of a foreign language will benefit the student is acceptable for Area F. Students should consult with their advisor on appropriate courses for Area F. Additional language courses are encouraged:</td>
<td></td>
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<tr>
<td></td>
<td>ARAB 1001 Elementary Arabic I Elementary Arabic I</td>
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</tr>
<tr>
<td></td>
<td>ARAB 1002 Elementary Arabic II Elementary Arabic II</td>
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</tr>
<tr>
<td>Minor or Second Major Required</td>
<td>Select 15-30 credit hours of Minor or Second Major courses (credit hours will vary according to minor or second major)</td>
<td>15-30</td>
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<td>6-21</td>
</tr>
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<td>Total Credit Hours</td>
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<td></td>
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<tr>
<td>Code</td>
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</tr>
<tr>
<td>ARAB</td>
<td>2001</td>
<td>Intermediate Arabic I</td>
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<tr>
<td>ARAB</td>
<td>2002</td>
<td>Intermediate Arabic II</td>
</tr>
<tr>
<td>CHIN</td>
<td>1001</td>
<td>Elementary Chinese I</td>
</tr>
<tr>
<td>CHIN</td>
<td>1002</td>
<td>Elementary Chinese II</td>
</tr>
<tr>
<td>CHIN</td>
<td>2001</td>
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</tr>
<tr>
<td>CHIN</td>
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<td>Elementary French I</td>
</tr>
<tr>
<td>FREN</td>
<td>1002</td>
<td>Elementary French II</td>
</tr>
<tr>
<td>FREN</td>
<td>2001</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>FREN</td>
<td>2002</td>
<td>Intermediate French II</td>
</tr>
<tr>
<td>FORL</td>
<td>1090</td>
<td>Selected Topics in Foreign Languages</td>
</tr>
<tr>
<td>FORL</td>
<td>2090</td>
<td>Intermediate Foreign Language</td>
</tr>
<tr>
<td>GRMN</td>
<td>1001</td>
<td>Elementary German I</td>
</tr>
<tr>
<td>GRMN</td>
<td>1002</td>
<td>Elementary German II</td>
</tr>
<tr>
<td>GRMN</td>
<td>2001</td>
<td>Intermediate German I</td>
</tr>
<tr>
<td>GRMN</td>
<td>2002</td>
<td>Intermediate German II</td>
</tr>
<tr>
<td>JAPN</td>
<td>1001</td>
<td>Elementary Japanese I</td>
</tr>
<tr>
<td>JAPN</td>
<td>1002</td>
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</tr>
<tr>
<td>JAPN</td>
<td>2001</td>
<td>Intermediate Japanese I</td>
</tr>
<tr>
<td>JAPN</td>
<td>2002</td>
<td>Intermediate Japanese II</td>
</tr>
<tr>
<td>LATN</td>
<td>1001</td>
<td>Elementary Latin I</td>
</tr>
<tr>
<td>LATN</td>
<td>1002</td>
<td>Elementary Latin II</td>
</tr>
<tr>
<td>SPAN</td>
<td>1001</td>
<td>Elementary Spanish I</td>
</tr>
<tr>
<td>SPAN</td>
<td>1002</td>
<td>Elementary Spanish II</td>
</tr>
<tr>
<td>SPAN</td>
<td>2001</td>
<td>Intermediate Spanish I</td>
</tr>
<tr>
<td>SPAN</td>
<td>2002</td>
<td>Intermediate Spanish II</td>
</tr>
</tbody>
</table>

**Major Requirements**

- 24 additional upper-division credit hours in LATN.
- 24

**Minor or Second Major Required**

- Select 15-30 credit hours of Minor or Second Major courses (credit hours will vary according to minor or second major)
- 15-30

**Free Electives**

- Select 6-21 credit hours of Electives as needed to complete 124 total credit hours (advisor approved)
- 6-21

**Total Credit Hours**

- 124

**Other Program Requirements**

- Students must earn a minimum grade of “C” in each course in Latin.
- Students must complete the Modern Languages Exit Exam.
- Students must complete a minimum of 39 upper-division hours.

**Honors in Latin**

To graduate with Honors in Modern Languages with a concentration in Latin, a student must:

- be admitted to the University Honors Program;
- successfully complete an additional six credit hours in LATN at the 4000-level (for a total of 30 hours of upper-division LATN), three of which must be LATN 4890 (Honors);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

**Advisement**

All Modern Languages majors, including students in the UHP, are advised by an advisor located in the Interdisciplinary Academic Building on the Statesboro Campus, (912 478-7740) and in the Student Success Center on the Armstrong Campus (912-344-2570).

**Modern Languages B.A. (Concentration in Spanish)**

**Degree Requirements: 124 Credit Hours**

*See Core Curriculum for required courses in Area A1 through Area E.*

*See Modern Languages Suggested Chronology for four year suggested course rotation.*

**General Requirements (Core Area A - E)**

- Credit Hours: 42

**Additional Requirements**

- Credit Hours: 4

**Area F - Courses Appropriate to Major**

**Required:**

- SPAN 2001 Intermediate Spanish I (or equivalent) 3
- SPAN 2002 Intermediate Spanish II (or equivalent) 3
- SPAN 2060 Accelerated Intermediate Spanish (or equivalent) 6

**Elective Courses**

- Credit Hours: 12-18

Any lower-division course in any field in which knowledge of a foreign language will benefit the student is acceptable for Area F. Students should consult their advisor on appropriate courses for Area F. Additional language courses are encouraged.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARAB</td>
<td>1001</td>
<td>Elementary Arabic I</td>
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<tr>
<td>ARAB</td>
<td>1002</td>
<td>Elementary Arabic II</td>
</tr>
<tr>
<td>ARAB</td>
<td>2001</td>
<td>Intermediate Arabic I</td>
</tr>
<tr>
<td>ARAB</td>
<td>2002</td>
<td>Intermediate Arabic II</td>
</tr>
<tr>
<td>CHIN</td>
<td>1001</td>
<td>Elementary Chinese I</td>
</tr>
<tr>
<td>CHIN</td>
<td>1002</td>
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<tr>
<td>CHIN</td>
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</tr>
<tr>
<td>FREN</td>
<td>1002</td>
<td>Elementary French II</td>
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<tr>
<td>FREN</td>
<td>2001</td>
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</tr>
<tr>
<td>FREN</td>
<td>2002</td>
<td>Intermediate French II</td>
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<tr>
<td>FORL</td>
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<td>Selected Topics in Foreign Languages</td>
</tr>
<tr>
<td>FORL</td>
<td>2090</td>
<td>Intermediate Foreign Language</td>
</tr>
<tr>
<td>GRMN</td>
<td>1001</td>
<td>Elementary German I</td>
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<tr>
<td>GRMN</td>
<td>1002</td>
<td>Elementary German II</td>
</tr>
<tr>
<td>GRMN</td>
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<td>Intermediate German I</td>
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<tr>
<td>GRMN</td>
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<td>Intermediate German II</td>
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<td>JAPN</td>
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<td>JAPN</td>
<td>1002</td>
<td>Elementary Japanese II</td>
</tr>
<tr>
<td>JAPN</td>
<td>2001</td>
<td>Intermediate Japanese I</td>
</tr>
<tr>
<td>JAPN</td>
<td>2002</td>
<td>Intermediate Japanese II</td>
</tr>
<tr>
<td>LATN</td>
<td>1001</td>
<td>Elementary Latin I</td>
</tr>
<tr>
<td>LATN</td>
<td>1002</td>
<td>Elementary Latin II</td>
</tr>
<tr>
<td>LATN</td>
<td>2001</td>
<td>Intermediate Latin I</td>
</tr>
</tbody>
</table>
LATN  2002  Intermediate Latin II  
SPAN  1001  Elementary Spanish I  
SPAN  1002  Elementary Spanish II  

**Major Requirements**  
SPAN  3131  Critical Reading and Writing I  
SPAN  3132  Spanish Phonetics and Phonology  
SPAN  4131  Critical Reading & Writing II  
15 upper-division credit hours in SPAN, at least 6 of which must be at the 4000/5000 level.  

**Minor or Second Major Required**  
Select 15-30 credit hours of Minor or Second Major courses (credit hours will vary according to minor or second major)  
15-30  

**Free Electives**  
Select 6-21 credit hours of Electives as needed to complete 124 total credit hours (advisor approved)  
6-21  

Total Credit Hours  
124  

**Other Program Requirements**  
- Students must earn a minimum grade of "C" in each course in Spanish.  
- Students must complete the Modern Languages Exit Exam.  
- Students must complete a minimum of 39 upper-division hours.  

**Honors in Spanish**  
To graduate with Honors in Modern Languages with a concentration in Spanish, a student must:  
- be admitted to the University Honors Program;  
- successfully complete an additional six credit hours in SPAN at the 4000- or 5000-level (for a total of 30 hours of upper-division SPAN), three of which must be SPAN 4890 (Honors);  
- successfully complete and present an Honors Thesis or Capstone Project;  
- be in good standing in the University Honors Program at the time of graduation.  

**Advisement**  
All Modern Languages majors, including students in the UHP, are advised by an advisor located in the Interdisciplinary Academic Building on the Statesboro Campus, (912 478-7740) and in the Student Success Center on the Armstrong Campus (912-344-2570).  

**Modern Languages Suggested Chronology**  
For the Modern Languages major, specific courses are not required; rather, courses at specific levels are required. To complete the major, students must take or place out of the basic language sequence (1001, 1002, 2001, 2002) and complete eight upper-division courses in the language ("FL" represents any of ARAB, CHIN, FREN, GRMN, JAPN, LATN, OR SPAN). This suggested chronology is designed as a guide for students planning their course selections. Actual course selections should be made with the advice of an academic advisor.  

Study Abroad is strongly encouraged for Modern Languages majors and for all Georgia Southern students. For information, visit the Department of Foreign Languages or the Office of International Programs and Services.
Students must receive a minimum grade of "C" in selected course.

Spanish Minor

Prerequisite(s)

Select one of the following:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>SPAN 1001 &amp; SPAN 1002</td>
<td>Elementary Spanish I and Elementary Spanish II</td>
</tr>
<tr>
<td></td>
<td>SPAN 1060</td>
<td>Accelerated Elementary Spanish</td>
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</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>SPAN 2001 &amp; SPAN 2002</td>
<td>Intermediate Spanish I and Intermediate Spanish II</td>
</tr>
<tr>
<td></td>
<td>SPAN 2060</td>
<td>Accelerated Intermediate Spanish</td>
</tr>
</tbody>
</table>

Total Credit Hours: 12

Minor Program

Credit Hours

SPAN - Fifteen upper-division credit hours (Students must earn a minimum grade of "C" in each course in Spanish.)

Total Credit Hours: 15

Contact

Chair, Department of Foreign Languages
Forest Drive Building
Room 1302
(912) 478-8081

Department of History

The Department of History educates students about the past by blending traditional and contemporary approaches to the study and teaching of history and by emphasizing global perspectives, while recognizing the value of local and regional history. Students will learn to analyze and interpret complex information, and to present coherent arguments about its meaning and significance. Upon graduation, students will have the critical thinking and communication skills necessary to succeed in a variety of careers or in further professional education. Consistent with the mission of the University, the department fosters a culture of engagement that bridges theory with practice, extends the learning environment beyond the classroom, and promotes student growth and life success.

Students earning the B.A. in History will be able to:

1. Display knowledge of fundamental themes and narratives in history.
2. Conduct original historical research.
3. Communicate historical knowledge and explanations to others.

History majors will analyze and interpret information, write and share ideas about why events happened, and develop the knowledge and skills that help them to succeed in today's workplace.

Programs

Majors

- History B.A. (p. 67)

Minors

- Digital Humanities Interdisciplinary Minor (p. 65)
- History Minor (p. 69)

Certificates

- European Union Studies Certificate (p. 66)

Asian Studies Interdisciplinary Concentration

Concentration Program

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTS 3130</td>
</tr>
<tr>
<td>HIST/INTS 3532</td>
</tr>
<tr>
<td>HIST/INTS 3534</td>
</tr>
<tr>
<td>HIST/INTS 5531</td>
</tr>
<tr>
<td>HIST/INTS 5532</td>
</tr>
<tr>
<td>HIST 5533</td>
</tr>
<tr>
<td>JAPN 3331</td>
</tr>
</tbody>
</table>

Total Credit Hours: 18

1 An additional 15 hours of Asian courses in at least three disciplines from the following approved list for a total of 18 semester hours. Although not required, course work in an Asian language is strongly recommended.

Digital Humanities Interdisciplinary Minor

Minor Program

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 3231</td>
</tr>
<tr>
<td>HUMN 3431</td>
</tr>
<tr>
<td>HUMN 4631</td>
</tr>
</tbody>
</table>

Select 6 credit hours from the following (can choose within an area sequence or may pick from any of the listed courses, provided the prerequisite course is satisfied):

<table>
<thead>
<tr>
<th>Art Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1010</td>
</tr>
<tr>
<td>ART 1020</td>
</tr>
<tr>
<td>ART 1030</td>
</tr>
<tr>
<td>ART 1132</td>
</tr>
<tr>
<td>ART 1536</td>
</tr>
<tr>
<td>ART 2235</td>
</tr>
<tr>
<td>ART 2330</td>
</tr>
<tr>
<td>ART 2331</td>
</tr>
<tr>
<td>ART 2332</td>
</tr>
</tbody>
</table>
### European Union Studies Certificate

#### Certificate Requirements: 15 Credit Hours

The European Union Studies Certificate provides an in-depth study of the European Union (EU) and its relationship with the United States and other nations. It is a collaborative program of Georgia Southern University and the European Union Studies Program of the University System of Georgia. The program offers a common curriculum open to all university system institutions.

*Note: A 3.0 GPA in certificate courses is required.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>EURO 3234</td>
<td>Introduction to the European Union</td>
<td>3</td>
</tr>
<tr>
<td>or POLS 3234</td>
<td>Introduction to the European Union</td>
<td></td>
</tr>
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</table>

Select nine credit hours from the following multidisciplinary list

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 3100</td>
<td>People and the Environment</td>
<td>3</td>
</tr>
<tr>
<td>ECON 3100</td>
<td>Multinational Econ Enterprises</td>
<td>3</td>
</tr>
<tr>
<td>ECON 3132</td>
<td>International Trade</td>
<td>3</td>
</tr>
<tr>
<td>ECON 4337</td>
<td>Environmental Economics</td>
<td>3</td>
</tr>
<tr>
<td>HIST 3338</td>
<td>Contemporary Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIST 3431</td>
<td>Modern Britain: 1485 to the Present</td>
<td>3</td>
</tr>
<tr>
<td>HIST 3432</td>
<td>Modern Germany</td>
<td>3</td>
</tr>
<tr>
<td>HIST 3434</td>
<td>Modern European Thought</td>
<td>3</td>
</tr>
<tr>
<td>HIST 3533</td>
<td>Modern East Central Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIST 4335</td>
<td>Women and Gender in Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIST 5339</td>
<td>Britain and the World</td>
<td>3</td>
</tr>
<tr>
<td>HIST 5430</td>
<td>Modern France and French Society in Global Context</td>
<td>3</td>
</tr>
<tr>
<td>HIST 5533</td>
<td>Economic Rivals: US-UK-Japan</td>
<td>3</td>
</tr>
<tr>
<td>POLS 3340</td>
<td>Pol &amp; Ideol/Contemporary</td>
<td>3</td>
</tr>
<tr>
<td>EURO 3990</td>
<td>Topics In European Union Studies</td>
<td>3</td>
</tr>
<tr>
<td>EURO 4130</td>
<td>European Law and Legal Systems</td>
<td>3</td>
</tr>
<tr>
<td>EURO 4160</td>
<td>Federalism and Multilevel Governance in the EU</td>
<td>3</td>
</tr>
<tr>
<td>EURO 4230</td>
<td>Doing Business in the European Union and United States</td>
<td>3</td>
</tr>
<tr>
<td>EURO 4260</td>
<td>European Monetary Union</td>
<td>3</td>
</tr>
<tr>
<td>EURO 4330</td>
<td>Science and Technology Policy</td>
<td>3</td>
</tr>
<tr>
<td>EURO 4430</td>
<td>EU Environmental Policy</td>
<td>3</td>
</tr>
<tr>
<td>EURO 4530</td>
<td>European Social Policy</td>
<td>3</td>
</tr>
<tr>
<td>EURO 4630</td>
<td>EU Communications and Media</td>
<td>3</td>
</tr>
<tr>
<td>EURO 4730</td>
<td>EU Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>EURO 4760</td>
<td>US-EU Relations</td>
<td>3</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EURO 4500</td>
<td>Seminar in Euro Union Studies</td>
<td>3</td>
</tr>
<tr>
<td>or EURO 4830</td>
<td>EU Studies Capstone Course</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credit Hours: 15**

### Admission Requirements

A certificate in EU Studies can be taken in tandem with a formal degree program. Students from all academic majors are eligible to participate as long as they possess a minimum 2.75 cumulative GPA. A student may formally apply to enroll in the program after successful completion of the following:

- EURO 3234 or POLS 3234 with a grade of C or better
- 30 semester hours of academic credit
- HIST 1111 or HIST 1112

### Advisement

If you have questions or need assistance, please speak with an advisor located at either of the following:

Armstrong Campus
### History B.A.

#### Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E) 42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major 18</td>
<td></td>
</tr>
<tr>
<td>Foreign Language 2001 - Intermediate I</td>
<td></td>
</tr>
<tr>
<td>Foreign Language 2002 - Intermediate II</td>
<td></td>
</tr>
<tr>
<td>HIST 1111 World History I: Development of World Civilization</td>
<td></td>
</tr>
<tr>
<td>HIST 1112 World History II: Emergence of Modern Global Community</td>
<td></td>
</tr>
<tr>
<td>HIST 2110 U.S. A Comprehensive Survey</td>
<td></td>
</tr>
<tr>
<td>HIST 2111 History of the United States to 1877</td>
<td></td>
</tr>
<tr>
<td>HIST 2112 History of the United States since 1877</td>
<td></td>
</tr>
<tr>
<td>HIST 2630 Historical Methods</td>
<td></td>
</tr>
</tbody>
</table>

Select 6-12 credit hours from the following:

| ANTH 1102 Introduction to Anthropology | |
| GEOG 1130 World Regional Geography | |
| PHIL 2010 Introduction to Philosophy | |
| PSYC 1101 Introduction to Psychology | |
| RELS 2130 Introduction to Religious Studies | |
| SOCI 1101 Introduction to Sociology | |

#### Major Requirements

| Foreign Language 1002 (If not take in Core) | 3 |
| HIST 4635 Senior Seminar (Prerequisite HIST 2630) | 3 |

Select six or seven of the following: 18-21

<p>| HIST 3020 The African Diaspora | |
| HIST 3030 Selected Topics in History | |
| HIST 3050 Ethics and Values in History | |
| HIST 3130 African American History to 1865 | |
| HIST 3131 African American History since 1865 | |
| HIST 3132 Young Republic, 1788-1848 | |
| HIST 3133 United States Constitutional History | |
| HIST 3134 American Economic History | |
| HIST 3135 US Foreign Relations to World War I | |
| HIST 3136 US Foreign Relations since World War I | |
| HIST 3139 History of Religion in the U.S. | |
| HIST 3150 The History of Vietnam, 236 B.C. to Present | |
| HIST 3151 The American War in Vietnam | |
| HIST 3158 War and Society: A Global Perspective | |
| HIST 3200 Traditional China | |
| HIST 3225 History of Ancient Near East | |
| HIST 3230 American Military History | |
| HIST 3231 Introduction to Public History | |
| HIST 3233 The Early Church | |
| HIST 3234 The History of Islam in Southeast Asia | |
| HIST 3236 History of Latinos/as in the United States | |
| HIST 3250 The Muslim World to Tamerlane | |
| HIST 3251 The Muslim World Since Genghis Khan | |
| HIST 3320 History of Russian and Soviet Foreign Policy | |
| HIST 3330 History of Greece | |
| HIST 3331 History of Rome | |
| HIST 3332 Late Antiquity | |
| HIST 3333 The Middle Ages | |
| HIST 3334 Christian Europe 450-1750 | |
| HIST 3338 Contemporary Europe | |
| HIST 3350 Maritime History | |
| HIST 3352 Israel/Palestine in its Middle Eastern Context | |
| HIST 3354 Maritime Archaeology | |
| HIST 3431 Modern Britain: 1485 to the Present | |
| HIST 3432 Modern Germany | |
| HIST 3434 Modern European Thought | |
| HIST 3436 The Holocaust | |
| HIST 3530 History of Africa to 1800 | |
| HIST 3531 History of Africa since 1800 | |
| HIST 3532 The Modern Middle East | |
| HIST 3533 Modern East Central Europe | |
| HIST 3534 Modern Southeast Asia | |
| HIST 3536 Russia to 1917 | |
| HIST 3537 Colonial Latin America | |
| HIST 3538 Latin America since Independence | |
| HIST 3580 Environmental History | |
| HIST 3630 History Seminar | |
| HIST 3700 American Material Culture | |
| HIST 3720 Historical Archaeology | |
| HIST 3740 Women &amp; Gender in Amer Hist | |
| HIST 3760 US History 1877-1917 | |
| HIST 3770 US History 1917-1945 | |
| HIST 3920 Modern Amer Popular Culture | |
| HIST 3990 Fieldwork in History | |
| HIST 4030 Directed Study in History | |
| HIST 4110 Medieval Spain | |
| HIST 4120 American Intellectual History | |
| HIST 4130 Georgia History | |
| HIST 4131 Biography and History | |
| HIST 4132 Recent America: U.S. Since 1945 | |
| HIST 4133 US Foreign Relations: The Cold War | |
| HIST 4134 The Civil Rights Movement | |
| HIST 4135 The United States in the 1960s | |
| HIST 4230 The Renaissance | |
| HIST 4235 Tudor and Stuart Britain | |
| HIST 4335 Women and Gender in Europe | |
| HIST 4336 Science and Religion | |
| HIST 4431 Invasion of the Americas | |
| HIST 4432 Colonial America | |
| HIST 4530 Revelation and Revolution | |
| HIST 4531 World War I | |
| HIST 4532 Destruction of Slavery | |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HIST 4790</td>
<td>Internship in History</td>
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<tr>
<td>HIST 5030</td>
<td>Selected Topics in History</td>
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<tr>
<td>HIST 5130</td>
<td>American Indian History</td>
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<tr>
<td>HIST 5133</td>
<td>Revolutionary America</td>
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<td>HIST 5134</td>
<td>Civil War and Reconstruction</td>
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<tr>
<td>HIST 5137</td>
<td>The Antebellum South</td>
</tr>
<tr>
<td>HIST 5138</td>
<td>The New South</td>
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<tr>
<td>HIST 5210</td>
<td>Advanced Topics in Public History</td>
</tr>
<tr>
<td>HIST 5230</td>
<td>Advertising and Culture</td>
</tr>
<tr>
<td>HIST 5232</td>
<td>Working Class History in the United States</td>
</tr>
<tr>
<td>HIST 5233</td>
<td>The American City</td>
</tr>
<tr>
<td>HIST 5234</td>
<td>Piracy in the Americas, 1500-1750</td>
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<tr>
<td>HIST 5236</td>
<td>Age of Revolutions in Europe and the Atlantic World</td>
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<tr>
<td>HIST 5240</td>
<td>Topics in Women and Gender in America</td>
</tr>
<tr>
<td>HIST 5241</td>
<td>Topics in Latin American History</td>
</tr>
<tr>
<td>HIST 5242</td>
<td>Topics in African History</td>
</tr>
<tr>
<td>HIST 5243</td>
<td>Topics in Asian History</td>
</tr>
<tr>
<td>HIST 5244</td>
<td>Topics in Middle Eastern and Mediterranean History</td>
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<tr>
<td>HIST 5245</td>
<td>Topics in Medieval History</td>
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<td>HIST 5246</td>
<td>Topics in European History</td>
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<td>HIST 5247</td>
<td>Topics in European Intellectual and Cultural History</td>
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<td>HIST 5248</td>
<td>Topics in Law and History</td>
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<td>HIST 5249</td>
<td>Topics in American Thought and Culture</td>
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<td>HIST 5251</td>
<td>Museum Studies</td>
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<td>HIST 5252</td>
<td>Folklife</td>
</tr>
<tr>
<td>HIST 5253</td>
<td>Archival Studies</td>
</tr>
<tr>
<td>HIST 5254</td>
<td>Oral History</td>
</tr>
<tr>
<td>HIST 5255</td>
<td>Topics in Architectural History</td>
</tr>
<tr>
<td>HIST 5256</td>
<td>Historic Preservation</td>
</tr>
<tr>
<td>HIST 5257</td>
<td>Heritage Tourism</td>
</tr>
<tr>
<td>HIST 5258</td>
<td>Topics in African American History</td>
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<tr>
<td>HIST 5259</td>
<td>Topics in British History</td>
</tr>
<tr>
<td>HIST 5260</td>
<td>History in the Digital Age</td>
</tr>
<tr>
<td>HIST 5332</td>
<td>The Age of Reformation</td>
</tr>
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<td>HIST 5335</td>
<td>World War II</td>
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<td>HIST 5336</td>
<td>Revolutionary France</td>
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<td>HIST 5339</td>
<td>Britain and the World</td>
</tr>
<tr>
<td>HIST 5430</td>
<td>Modern France and French Society in Global Context</td>
</tr>
<tr>
<td>HIST 5530</td>
<td>20th Century Russia</td>
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<td>HIST 5531</td>
<td>Modern Japan</td>
</tr>
<tr>
<td>HIST 5532</td>
<td>Modern China</td>
</tr>
<tr>
<td>HIST 5533</td>
<td>Economic Rivals: US-UK-Japan</td>
</tr>
<tr>
<td>HIST 5534</td>
<td>Contemporary China</td>
</tr>
</tbody>
</table>

**Minor - Required**

Select 15 credit hours of Minor (must be approved by advisor)  

**Electives**

Select 21 credit hours of Electives  

**Total Credit Hours** 124

---

1. History majors should take HIST 1111 in Area B and HIST 1112 in Area F. If not taken to satisfy these CORE requirements, students must take these courses in Area F.

2. History majors should take HIST 2110 in Area E. If HIST 2111 or HIST 2112 is taken to satisfy Area E, the remaining course must be taken in Area F.

3. At least nine (9) credit hours must include one course from three of the following four categories:
   - U.S. History
   - European History
   - "Non-Western" History [African, Asian, Latin American, or Middle Eastern]
   - Public History

---

**Other Program Requirements**

- Must have a minimum grade of “C” in every History course beyond the core surveys.
- Students must be in good standing to change major to History.
- No more than 30 hours of upper division course work in the major may count toward the minimum of 124 hours required for graduation.
- **Student Portfolio Requirements:** In the semester of graduation, students must submit a copy of the major assignment from HIST 2630; submit a copy of a research/writing sample from an upper-division history course; submit a copy of a written or blue book exam from an upper-division history course; submit a copy of the major assignment from HIST 4635; and submit the Senior Exit Survey administered in HIST 4635.

---

**Honors in History**

To graduate with Honors in History, a student must:

- Be admitted to the University Honors Program;
- Successfully complete:
  - HIST 2630 Historical Methods with a minimum grade of "B" or higher
  - HIST 3630 History Seminar with a minimum grade of "B" or higher
  - HONS 4999 Honors Research for one credit hour
  - HONS 4999 Honors Research for two credit hours in separate semester with the same faculty member as the first semester of HONS 4999 Honors Research;
- Successfully complete and present an Honors Thesis or Capstone Project;
- Be in good standing in the University Honors Program at the time of graduation.
- (Taking the entire three-credit-hour sequence of HONS 4999 Honors Research with a faculty member substitutes for the HIST 4635 Senior Seminar - required for History Majors.)

---

**Advisement**

All History majors on the Armstrong campus are advised by an advisor located in the Student Success Center, (912) 344-2673.
All History majors on the Statesboro campus are advised by an advisor located in the Interdisciplinary Academic Building, Room 1048, (912) 478-0248.
History Minor

Minor Program

HIST - History Courses

Credit Hours 15

Total Credit Hours 15

Contact

Armstrong Campus
Department of History
Hawes Hall, Room 110
(912) 344-2763

Statesboro Campus
Department of History
Interdisciplinary Academic Building
Third Floor, Room 3007
(912) 478-4478

Department of Literature

A strong Department of English is central to a liberal arts education because it helps students to become incisive in their critical thinking, effective as communicators, aware of cultural diversity, and skillful as interpreters of the written and spoken word in all areas of life.

We are committed to academic excellence, innovative instruction, and collaborative service to the community. Literature is the story of us. What better way to engage with those big things in the world around you than to know how those different from you see the same things.

Studying literature provides excellent preparation for professional employment in any area where the close examination of written texts and the ability to communicate well are important. The Department takes pride in working with students to connect their immediate studies with their long-term goals.

A student graduating with a B.A. degree in English will be able to demonstrate the following:

1. Recognize and analyze literary elements in a text.
2. Situate and interpret texts in their historical, cultural, or literary context.
3. Create well-developed and organized essays with clear and precise prose, presenting sustained arguments.

Programs

Majors

• English B.A. (p. 69)

Minors

• Comparative Literature Interdisciplinary Minor (p. 69)
• English Minor (p. 71)

Comparative Literature Interdisciplinary Minor

Minor Program

COML 2531 Crossing Borders 3

Foreign Language majors select three courses; non-
Foreign Language majors select two courses from the following group:

COML 3090 Selected Topics
COML 5330 World Drama to Romanticism
COML 5530 The Bible as Literature
COML/ENGL 5533 Literary Criticism and Theory
COML 5536 Post-Colonial Literature
ENGL 5538 20th and 21st Century World Fiction

For all students, select one course from the following group:

ARTH 3435 African Art
ARTH 3530 Art and Architecture of the Ancient World
ARTH 3531 Medieval Art
ARTH 3532 Italian Renaissance Art
ARTH 3533 Baroque and Rococo Art
ARTH 3534 19th Century Art
ARTH 4530 20th Century Art
COMM 3331 Media Criticism
COML 3530 Literary Translation
FILM 3332 Documentary Film
FILM 3333 Cinema Genres
MUSC 3131 History of Music I
MUSC 3132 History of Music II
MUSC 5236 Jazz History
PHIL 3330 Philosophy of Art
THEA 4330 Theatre History I: Origins to 1700
THEA 4331 Theatre History II: 1700 to Contemporary

For non-Foreign Language majors, one foreign language literature course is required.

Total Credit Hours 15-18

English B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core Areas A - E) 42

Additional Requirements 4

Area F - Courses Appropriate to Major

Choose 3 credit hours from the following courses if not taken in Area C

ENGL 2100 Literature And Humanities
ENGL 2111 World Literature I
ENGL 2112 World Literature II

Choose 9 credit hours from the following courses:


ENGL 2121  British Literature I
ENGL 2122  British Literature II
ENGL 2131  American Literature I
ENGL 2132  American Literature II
Foreign Language - through 2002  

Major Requirements (3000 level or above)
Specific Requirements:  
ENGL 3110  Intro To Literary Studies  
ENGL 4630  Senior Seminar  
Select the appropriate number of course credit hours from each of the two (2) areas below:

AREA 1: British and American Literature Historical Periods (9 credit hours)
A. British Literature pre-1700.
ENGL 5440  Early British Literature
ENGL 5450  Chaucer
ENGL 5460  Shakespeare
ENGL 5480  Literature of the English Renaissance
ENGL 5485  Milton
B. British Literature post-1700
ENGL 5324  18th Century British Literature
ENGL 5525  19th Century British Literature
ENGL 5526  20th and 21st Century British Literature
C. American Literature
ENGL 5325  17th and 18th Century American Literature
ENGL 5326  19th Century American Literature
ENGL 5335  20th and 21st Century American Literature

AREA 2: Cultural Studies (6 credit hours)
ENGL 5302/ COMM 5030  Pop Culture Theory and Criticism
ENGL/FILM 3030  Selected Topics in Cinema
ENGL 3090  Selected Topics in Literature
ENGL 3141  The Bible as Literature
ENGL 3150  Mythology
ENGL 3200  Introduction to the Novel
ENGL 3232  The Art of Film Adaptation of Literature
ENGL 3300  Introduction to Dramatic Literature
ENGL/FILM 3331 History of Cinema
ENGL/FILM 3332 Documentary Film Studies
ENGL/FILM 3333 Cinema Genres
ENGL 3350  Introduction to African American Literature
ENGL 3400  Introduction to Poetry
ENGL 3535  Patterns in Film and Literature
ENGL 4425  Popular Literature
ENGL 4435  Single Author
ENGL 4790  Internship
ENGL 4890  Independent Study
ENGL/COMM 5030 Television Theory and Criticism
ENGL/FILM 5035 Film Theory and Criticism
ENGL/FILM 5040 Women in Film

ENGL 5090  Special Topics
ENGL 5135  Teaching Literature to Middle and Secondary School Students
ENGL 5200  Postcolonial Literature
ENGL 5234  Literature of the American South
ENGL 5235  Irish Literature to 1850
ENGL 5236  Irish Literature since 1850
ENGL 5238  Irish Women Writers
ENGL 5280  Literature and the Environment
ENGL 5340  Literature by Women
ENGL 5533  Literary Criticism and Theory
ENGL 5534  Literature for Adolescents
ENGL 5535  Children's Literature
ENGL 5538  20th and 21st Century World Fiction
ENGL 5560  Studies in Drama
ENGL 5570  Studies in Fiction
ENGL 5580  Studies in Poetry
ENGL 5590  Studies in African American Literature

Major Electives
Select any three (3) courses from Area 1 and 2 above.  

Electives
Select 15 credit hours of Electives

Minor - Required (Must be approved by advisor)
Select 15 credit hours of Minor

Total Credit Hours

If additional hours are needed to reach 18 hours (based upon entering Foreign Language proficiency levels), students may choose from a select group of courses approved by the Department Chair.

May be taken only after successfully completing eighteen (18) credit hours of upper division coursework.

Prerequisite(s)
- One of the following – ENGL 2100, ENGL 2111, ENGL 2112 – must be taken prior to or concurrent with ENGL 2121, ENGL 2122, ENGL 2131, or ENGL 2132, as well as any 3000-level ENGL course.
- Each upper-division course has one other prerequisite ENGL class, which varies depending on the subject matter. Please see course descriptions or you advisor for the exact prerequisite for each upper-division course.

Other Program Requirements
- Students must earn a minimum grade of “C” in all major courses.
- Majors must acquire from their advisors a copy of “Requirements for the Major in English”.

Honors in English
To graduate with Honors in English, a student must:
- be admitted to the University Honors Program;
- successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.
• Students completing the Honors Requirements in English will count the three credit hours of the Honors Research Seminar (HONS 4610) toward their general electives, which means that they will have a total of 15 hours for other general elective courses rather than 18 hours.

Program:

A strong Department of English is central to a liberal arts education because it helps students to become incisive in their critical thinking, effective as communicators, aware of cultural diversity, and skillful as interpreters of the written and spoken word in all areas of life. We are committed to academic excellence, innovative instruction, and collaborative service to the community.

The discipline of English – a traditional core of the humanities – asks the big questions: What does it mean to be human? How do we make meaning in this world? What is the relationship of individuals to society? Today these questions are complicated by topics such as class, race, ethnicity, and gender – all of which are addressed by classes in the Department. From Shakespeare to Postcolonial Studies, the Department of English has something for everyone.

Studying literature provides excellent preparation for professional employment in any area where the close examination of written texts and the ability to communicate well are important. The Department of English takes pride in working with students to connect their immediate studies with their long-term goals.

A student graduating with a B.A. degree in English will be able to demonstrate the following:

• Employ clear and precise prose.
• Recognize and analyze the significance of literary techniques.
• Use literary criticism and theory appropriately.
• Situate and interpret a text in its historical, cultural, or literary context.
• Give a clear and poised presentation directed to an audience conversant with literary concepts.

Advisement

All English majors are advised by an advisor located in the Newton Building on the Statesboro Campus or the Advising Center on the Armstrong Campus.

English Minor

Prerequisite(s)

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 hours of ENGL courses, at least 9 hours of which must be at the 3000-level or above.</td>
</tr>
</tbody>
</table>

Minor Program

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 hours of ENGL courses, at least 9 hours of which must be at the 3000-level or above.</td>
</tr>
</tbody>
</table>

Contact

Chair, Department of Literature, Dr. Beth Howells
Newton Building, Statesboro Campus . (912) 478-5471
Advisement

All Statesboro Music majors are advised by an advisor in the Foy Building, Room 3002, (912) 478-7740.

All Armstrong Music majors are advised by an advisor in the Student Success Center, (912) 344-2673.

Additional Policies

See the Department of Music Handbook for additional policies governing degree programs in music.

The Department of Music is a member of the National Association of Schools of Music.

Programs

Majors

• Music B.A. (p. 73)
• Music B.M. (Concentration in Composition) (p. 74)
• Music B.M. (Concentration in Instrumental Performance) (p. 74)
• Music B.M. (Concentration in Piano Performance) (p. 75)
• Music B.M. (Concentration in Voice Performance) (p. 75)
• Music Education B.M. (Concentration in Choral) (p. 76)
• Music Education B.M. (Instrumental) (p. 77)

Minors

• Music - Applied Minor (p. 72)
• Music - History and Literature Minor (p. 73)
• Music - Music Technology Minor (p. 73)
• Music Minor (p. 77)

Humanities Interdisciplinary Concentration

Concentration Program

Select six (3 credit hours) courses, with at least three different prefixes, from the following list. At least five of these courses (15 credit hours) for the concentration must be upper division (3000 or above). Courses may be selected from the list of courses below approved for the concentration. Other courses may be approved by the student's advisor in consultation with the Associate Dean of CAH.

Select 18 credit hours from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ARTH/AAST 3435</td>
<td>African Art</td>
</tr>
<tr>
<td>ARTH 3437</td>
<td>American Art</td>
</tr>
<tr>
<td>ARTH 3530</td>
<td>Art and Architecture of the Ancient World</td>
</tr>
<tr>
<td>ARTH 3531</td>
<td>Medieval Art</td>
</tr>
<tr>
<td>ARTH 3532</td>
<td>Italian Renaissance Art</td>
</tr>
<tr>
<td>ARTH 3533</td>
<td>Baroque and Rococo Art</td>
</tr>
<tr>
<td>ARTH 3534</td>
<td>19th Century Art</td>
</tr>
<tr>
<td>ARTH 4530</td>
<td>20th Century Art</td>
</tr>
<tr>
<td>ARTH 4531</td>
<td>Contemporary Art</td>
</tr>
<tr>
<td>ENGL 3535</td>
<td>Patterns in Film and Literature</td>
</tr>
<tr>
<td>ENGL 4435</td>
<td>Single Author</td>
</tr>
<tr>
<td>FILM 3332</td>
<td>Documentary Film</td>
</tr>
<tr>
<td>FILM 3333</td>
<td>Cinema Genres</td>
</tr>
<tr>
<td>HUMN 2433</td>
<td>Classicism (only one 2000-level course may be included)</td>
</tr>
<tr>
<td>HUMN 2434</td>
<td>Myth in Arts and Humanities (only one 2000-level course may be included)</td>
</tr>
<tr>
<td>MUSC 3131</td>
<td>History of Music I</td>
</tr>
<tr>
<td>MUSC 3132</td>
<td>History of Music II</td>
</tr>
<tr>
<td>MUSC 5231</td>
<td>Music in the Classic Period</td>
</tr>
<tr>
<td>MUSC 5232</td>
<td>Music in the Romantic Period</td>
</tr>
<tr>
<td>MUSC 5233</td>
<td>Music in the Contemporary Period</td>
</tr>
<tr>
<td>MUSC 5234</td>
<td>History of Opera</td>
</tr>
<tr>
<td>MUSC 5236</td>
<td>Jazz History</td>
</tr>
<tr>
<td>PHIL 3330</td>
<td>Philosophy of Art</td>
</tr>
<tr>
<td>PHIL 3531</td>
<td>Theory of Knowledge</td>
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<td>PHIL 3532</td>
<td>Metaphysics</td>
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<td>PHIL 3635</td>
<td>Existentialism</td>
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<td>PHIL/WGST 4130</td>
<td>Feminist Philosophy</td>
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<td>PHIL 4632</td>
<td>Philosophy of Religion</td>
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<td>RELS/HIST 3139</td>
<td>History of Religion in the U.S.</td>
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<td>The Early Church</td>
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<td>RELS/HIST/INTS 3250</td>
<td>The Muslim World to Tamerlane</td>
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<td>RELS/HIST/INTS 3251</td>
<td>The Muslim World Since Genghis Khan</td>
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<tr>
<td>RELS 3330</td>
<td>Introduction to the Hebrew Bible</td>
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<td>RELS/HIST 3334</td>
<td>Christian Europe 450-1750</td>
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<td>RELS/HIST 5332</td>
<td>The Reformation</td>
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<tr>
<td>THEA/AAST 3332</td>
<td>African American Theatre</td>
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<td>THEA/IRSH 3333</td>
<td>Irish Theatre</td>
</tr>
<tr>
<td>THEA 4330</td>
<td>Theatre History I: Origins to 1700</td>
</tr>
<tr>
<td>THEA 4331</td>
<td>Theatre History II: 1700 to Contemporary</td>
</tr>
<tr>
<td>THEA 4338</td>
<td>Seminar: World Theatre</td>
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</table>

Total Credit Hours: 18

Music - Applied Minor

Minor Program

MUSA 3xxx | Applied Lessons (3 semesters) | 6

Music Theory

Choose one option:

Option 1:

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<th>Course Title</th>
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<tbody>
<tr>
<td>MUSC 1333</td>
<td>Music Fundamentals I (3)</td>
</tr>
<tr>
<td>MUSC 1334</td>
<td>Music Fundamentals II (3)</td>
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</table>

Option 2:

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>MUSC 1331</td>
<td>Music Theory I (3)</td>
</tr>
</tbody>
</table>

Three (3) elective credits in Music

MUSE 1100 | Recital Attendance (2 semesters) | 0
## Additional Minor Requirements/Recommendations

Music - Applied Minors must be admitted by passing an audition in applied music. All credits earned in Principal Applied must be on a single instrument or in voice only. Students pursuing the music minor must enroll in the specified ensemble(s) appropriate to their Principal-Applied area. All minors must achieve equivalent of Level I proficiency in their applied area prior to completion of the minor.

### Music - History and Literature Minor

#### Minor Program

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>MUSC 1333</td>
<td>Music Fundamentals I</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1334</td>
<td>Music Fundamentals II</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1331</td>
<td>Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 3131</td>
<td>History of Music I</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 3132</td>
<td>History of Music II</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 5234</td>
<td>History of Opera</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 5236</td>
<td>Jazz History</td>
<td>3</td>
</tr>
<tr>
<td>MUSE 1100</td>
<td>Recital Attendance (2 semesters)</td>
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</tr>
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<td>Total Credit Hours</td>
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### Music - Music Technology Minor

#### Minor Program

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MUSC 1333</td>
<td>Music Fundamentals I (3)</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1334</td>
<td>Music Fundamentals II (3)</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 1331</td>
<td>Music Theory I (3)</td>
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<tr>
<td>MUSC 1515</td>
<td>Technology in Music</td>
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<tr>
<td>MUSC 4534</td>
<td>Recording Studio Techniques</td>
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<tr>
<td>MUSC 4535</td>
<td>Digital Audio Workstations</td>
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<tr>
<td>MUSC 5630</td>
<td>Music, Technology and Contemporary Culture</td>
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</tr>
<tr>
<td>MUSE 1100</td>
<td>Recital Attendance</td>
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<tr>
<td>Total Credit Hours</td>
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</table>

### Music B.A.

#### Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Category</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
<td>42</td>
</tr>
<tr>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td></td>
</tr>
<tr>
<td>Music Theory</td>
<td>12</td>
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<tr>
<td>Applied Music</td>
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</tr>
<tr>
<td>Performance/Required Music Courses</td>
<td>23</td>
</tr>
<tr>
<td>Minor or Concentration</td>
<td>15</td>
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<tr>
<td>Foreign Language</td>
<td>6</td>
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<tr>
<td>Electives</td>
<td>5-8</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td>124</td>
</tr>
</tbody>
</table>

1 B.A. Music majors substitute IT 1230 Introduction to Web Technologies (3) and CSCI 1236 Introduction to Java Programming (3).
Piano primaries will substitute four semesters of MUSE 3514 (Piano Ensemble) for Large Ensemble.

**Program Admission Criteria**

- All prospective music majors must pass an entrance audition in the primary area.

**Music B.M. (Concentration in Composition)**

**Degree Requirements: 124 Credit Hours**

*See Core Curriculum for required courses in Area A1 through Area E.*

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>Music Theory</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Select 12 hours from the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1331 Music Theory I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1332 Music Theory II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1513 Aural Skills I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1514 Aural Skills II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2333 Music Theory III</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2513 Aural Skills III</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Major Requirements</strong></td>
<td>53</td>
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<tr>
<td></td>
<td>Select 6 credit hours from the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSA XXXX Applied Music (Students must complete four semesters @ 1 credit)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1511 Group Piano I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1512 Group Piano II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2511 Group Piano III</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2512 Group Piano IV</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Major Requirements</strong></td>
<td>53</td>
</tr>
<tr>
<td></td>
<td>MUSA XXXX Applied Music (Students must complete four semesters @ 1 credit)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSA 2129 Applied Music - Composition (two semesters @ 2 credits)</td>
<td></td>
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<tr>
<td></td>
<td>MUSA 3129 Intermediate Composition (two semesters @ 2 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSA 4111 Senior Recital</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSA 4129 Advanced Composition (two semesters @ 2 credits)</td>
<td></td>
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<tr>
<td></td>
<td>MUSC 1311 Introduction to Composition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1515 Technology in Music</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2334 Music Theory IV</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2514 Aural Skills IV</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 3120 Form and Analysis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 3131 History of Music I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 3132 History of Music II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 3610 Orchestration</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 4120 Counterpoint</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 4411 Basic Conducting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 4534 Recording Studio Techniques</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC XXXX Upper Division Electives in Music/History/Literature</td>
<td></td>
</tr>
</tbody>
</table>

1 Piano primaries will substitute four semesters of Piano Ensemble (MUSE 3514) for Large Ensemble.

**Program Admission Criteria**

- All prospective music majors must pass an entrance audition in the primary area.

**Music B.M. (Concentration in Instrumental Performance)**

**Degree Requirements: 124 Credit Hours**

*See Core Curriculum for required courses in Area A1 through Area E.*

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional Requirement</td>
<td>4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>Music Theory</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Select 12 credit hours from the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1331 Music Theory I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1332 Music Theory II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1513 Aural Skills I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1514 Aural Skills II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2333 Music Theory III</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2513 Aural Skills III</td>
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<tr>
<td></td>
<td><strong>Major Requirements</strong></td>
<td>53</td>
</tr>
<tr>
<td></td>
<td>Select 6 credit hours from the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSA XXXX Applied Music (Students must complete one semester @ 2 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1511 Group Piano I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1512 Group Piano II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2511 Group Piano III</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2512 Group Piano IV</td>
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<td></td>
<td><strong>Major Requirements</strong></td>
<td>50-54</td>
</tr>
<tr>
<td></td>
<td>MUSA XXXX Applied Music-Lower Division (Students must complete three semesters @ 2 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSA XXXX Applied Music-Upper-Division (Students must complete four semesters @ 2 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSA 3101 Junior Recital</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSA 4111 Senior Recital</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 1515 Technology in Music</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2334 Music Theory IV</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 2514 Aural Skills IV</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 3120 Form and Analysis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 3131 History of Music I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 3132 History of Music II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSC 3610 Orchestration</td>
<td></td>
</tr>
</tbody>
</table>

Electives 8

Select 8 credit hours of Electives (at least 1 upper-division)

Total Credit Hours 124
Program Admission Criteria

• All prospective music majors must pass an entrance audition in the primary area.

Other Program Requirements

• See the requirements for all music degree programs (p. 71).
• See the Department of Music Handbook for policies governing degree programs.

Music B.M. (Concentration in Piano Performance)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Requirements (Core Areas A - E)</strong></td>
</tr>
<tr>
<td><strong>Additional Requirements</strong></td>
</tr>
<tr>
<td><strong>Area F - Courses Appropriate to Major</strong></td>
</tr>
<tr>
<td>Music Theory</td>
</tr>
<tr>
<td>MUSC 1331</td>
</tr>
<tr>
<td>MUSC 1332</td>
</tr>
<tr>
<td>MUSC 1513</td>
</tr>
<tr>
<td>MUSC 1514</td>
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<tr>
<td>MUSC 2333</td>
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<tr>
<td>MUSC 2513</td>
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<tr>
<td>Applied Music</td>
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<td>MUSA XXXX</td>
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<td>Major Requirements</td>
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<td>MUSA XXXX</td>
</tr>
<tr>
<td>MUSA 3101</td>
</tr>
<tr>
<td>MUSA 4111</td>
</tr>
<tr>
<td>Electives</td>
</tr>
<tr>
<td>Select 6-10 credit hours of Electives</td>
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<tr>
<td>Total Credit Hours</td>
</tr>
</tbody>
</table>

Program Admission Criteria

• All prospective music majors must pass an entrance audition in the primary area.

Other Program Requirements

• See the requirements for all music degree programs (p. 71).
• See the Department of Music Handbook for policies governing degree programs.

Music B.M. (Concentration in Voice Performance)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Requirements (Core Areas A - E)</strong></td>
</tr>
<tr>
<td><strong>Additional Requirements</strong></td>
</tr>
<tr>
<td><strong>Area F - Courses Appropriate to Major</strong></td>
</tr>
<tr>
<td>Music Theory</td>
</tr>
<tr>
<td>MUSC 1331</td>
</tr>
<tr>
<td>MUSC 1332</td>
</tr>
<tr>
<td>MUSC 1513</td>
</tr>
<tr>
<td>MUSC 1514</td>
</tr>
<tr>
<td>MUSC 2333</td>
</tr>
<tr>
<td>MUSC 2513</td>
</tr>
<tr>
<td>Applied Music</td>
</tr>
<tr>
<td>MUSA XXXX</td>
</tr>
<tr>
<td>Major Requirements</td>
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<tr>
<td>MUSA XXXX</td>
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<tr>
<td>MUSA XXXX</td>
</tr>
<tr>
<td>MUSA 3101</td>
</tr>
<tr>
<td>MUSA 4111</td>
</tr>
<tr>
<td>Electives</td>
</tr>
<tr>
<td>Select 10 credit hours of Electives</td>
</tr>
<tr>
<td>Total Credit Hours</td>
</tr>
</tbody>
</table>
Music Education B.M. (Concentration in Choral)

### Degree Requirements: 132 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

| General Requirements (Core Areas A - E) | 42 |
| Additional Requirements | 4 |
| Area F - Courses Appropriate to Major | |

#### Program Admission Criteria

- All prospective music majors must pass an entrance audition in the primary area.

#### Other Program Requirements

- See the requirements for all music degree programs (p. 71).
- See the Department of Music Handbook for policies governing degree programs.

---

### Major Requirements

- **Credit Hours:** 48-49

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>MUSC 2511</td>
<td>Group Piano III</td>
</tr>
<tr>
<td>MUSC 2512</td>
<td>Group Piano IV</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSA XXXXX</td>
<td>Applied Music - Lower-division (Students must complete three semesters @ 2 credit hours)</td>
</tr>
<tr>
<td>MUSA XXXXX</td>
<td>Applied Music - Upper-division (Students must complete four semesters @ 2 credit hours)</td>
</tr>
<tr>
<td>MUSA 3101</td>
<td>Junior Recital</td>
</tr>
<tr>
<td>MUSA 4111</td>
<td>Senior Recital</td>
</tr>
<tr>
<td>MUSC 1515</td>
<td>Technology in Music</td>
</tr>
<tr>
<td>MUSC 2334</td>
<td>Music Theory IV</td>
</tr>
<tr>
<td>MUSC 2411</td>
<td>Diction for Singers I</td>
</tr>
<tr>
<td>MUSC 2412</td>
<td>Diction for Singers II</td>
</tr>
<tr>
<td>MUSC 2514</td>
<td>Aural Skills IV</td>
</tr>
<tr>
<td>MUSC 3120</td>
<td>Form and Analysis or MUSC 3610</td>
</tr>
<tr>
<td>MUSC 3131</td>
<td>History of Music I</td>
</tr>
<tr>
<td>MUSC 3132</td>
<td>History of Music II</td>
</tr>
<tr>
<td>MUSC 3423</td>
<td>Vocal Literature I</td>
</tr>
<tr>
<td>MUSC 3424</td>
<td>Vocal Literature II</td>
</tr>
<tr>
<td>MUSC 4411</td>
<td>Basic Conducting</td>
</tr>
<tr>
<td>MUSC 4421</td>
<td>Voice Pedagogy</td>
</tr>
<tr>
<td>MUSC XXXXX</td>
<td>Upper Division Music Theory/History Elective</td>
</tr>
<tr>
<td>MUSE 1100</td>
<td>Recital Attendance (six semesters)</td>
</tr>
<tr>
<td>MUSE 3XXX</td>
<td>Large Ensemble (Students must complete eight semesters)</td>
</tr>
<tr>
<td>MUSE 3XXX</td>
<td>Elective Ensemble (Student must complete two semesters)</td>
</tr>
</tbody>
</table>

### Foreign Language

- Select 6 credit hours of Foreign Language

### Electives

- Select 5-6 credit hours of Upper-division Electives

### Total Credit Hours

- 124

### Program Admission Criteria

- All prospective music majors must pass an entrance audition in the primary area.

### Other Program Requirements

- See the requirements for all music degree programs (p. 71).
- See the Department of Music Handbook for policies governing degree programs.

### Music Theory

Select 12 credit hours from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 1331</td>
<td>Music Theory I</td>
</tr>
<tr>
<td>MUSC 1332</td>
<td>Music Theory II</td>
</tr>
<tr>
<td>MUSC 1513</td>
<td>Aural Skills I</td>
</tr>
<tr>
<td>MUSC 1514</td>
<td>Aural Skills II</td>
</tr>
<tr>
<td>MUSC 2333</td>
<td>Music Theory III</td>
</tr>
<tr>
<td>MUSC 2513</td>
<td>Aural Skills III</td>
</tr>
</tbody>
</table>

### Applied Music

Select 6 credit hours from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSA XXXXX</td>
<td>Applied Music (two semesters @ 1 credit hour)</td>
</tr>
<tr>
<td>MUSC 1511</td>
<td>Group Piano I</td>
</tr>
<tr>
<td>MUSC 1512</td>
<td>Group Piano II</td>
</tr>
<tr>
<td>MUSC 2511</td>
<td>Group Piano III</td>
</tr>
<tr>
<td>MUSC 2512</td>
<td>Group Piano IV</td>
</tr>
</tbody>
</table>

### Major Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 2110</td>
<td>Investigating Critical and Contemporary Issues in Education</td>
</tr>
<tr>
<td>EDUC 2120</td>
<td>Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts</td>
</tr>
<tr>
<td>EDUC 2130</td>
<td>Exploring Learning and Teaching</td>
</tr>
<tr>
<td>MUSA XXXXX</td>
<td>Applied Music (four semesters @ 1 credit hour)</td>
</tr>
<tr>
<td>MUSA 2101</td>
<td>Recital</td>
</tr>
<tr>
<td>MUSC 1515</td>
<td>Technology in Music</td>
</tr>
<tr>
<td>MUSC 2334</td>
<td>Music Theory IV</td>
</tr>
<tr>
<td>MUSC 2411</td>
<td>Diction for Singers I</td>
</tr>
<tr>
<td>MUSC 2412</td>
<td>Diction for Singers II</td>
</tr>
<tr>
<td>MUSC 2514</td>
<td>Aural Skills IV</td>
</tr>
<tr>
<td>MUSC 2621</td>
<td>Introduction to Music Education</td>
</tr>
<tr>
<td>MUSC 3131</td>
<td>History of Music I</td>
</tr>
<tr>
<td>MUSC 3132</td>
<td>History of Music II</td>
</tr>
<tr>
<td>MUSC 3232</td>
<td>Elementary Methods and Materials in Music</td>
</tr>
<tr>
<td>MUSC 3610</td>
<td>Orchestration</td>
</tr>
<tr>
<td>MUSC 4411</td>
<td>Basic Conducting</td>
</tr>
<tr>
<td>MUSC 4421</td>
<td>Voice Pedagogy</td>
</tr>
<tr>
<td>MUSC 4431</td>
<td>Choral Conducting and Literature</td>
</tr>
<tr>
<td>MUSC 4532</td>
<td>Secondary Methods and Materials in Music</td>
</tr>
<tr>
<td>MUSC 4611</td>
<td>Seminar in Music Education</td>
</tr>
<tr>
<td>MUSC 4632</td>
<td>Student Teaching Seminar</td>
</tr>
<tr>
<td>MUSC 4799</td>
<td>Student Teaching in P-12 Music Education</td>
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</table>

Select one of the following Options:

**Option I**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MUSC 3211</td>
<td>Instrumental Methods I</td>
</tr>
<tr>
<td>MUSC 3212</td>
<td>Instrumental Methods II</td>
</tr>
<tr>
<td>MUSE 3314</td>
<td>Opera Theatre</td>
</tr>
<tr>
<td>MUSA XXXXX</td>
<td>Elective Ensemble</td>
</tr>
</tbody>
</table>

**Option II**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>MUSC 3213</td>
<td>Percussion Methods</td>
</tr>
<tr>
<td>MUSC 3215</td>
<td>String Methods</td>
</tr>
<tr>
<td>MUSC 3217</td>
<td>Woodwind Methods</td>
</tr>
<tr>
<td>MUSC 3218</td>
<td>Brass Methods</td>
</tr>
<tr>
<td>MUSE 1100</td>
<td>Recital Attendance (six semesters)</td>
</tr>
</tbody>
</table>
MUSE 3XXX  Large Ensemble (six semesters @ 1 credit hour)  6
SPED 3333  Introduction to Special Education  3

Total Credit Hours  132

Program Admission Criteria
- All prospective music majors must pass an entrance audition in the primary area.

Other Program Requirements
- See the requirements for all music degree programs (p. 71).
- See the Department of Music Handbook for policies governing degree programs.
- Must meet all requirements for admission to and retention in the Teacher Education Program, including GPA, field experiences, and GACE tests. See College of Education Student Success Center to ensure that all certification requirements are met.

Music Education B.M. (Instrumental)

Degree Requirements: 132 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core Areas A - E)  42
Additional Requirements  4
Area F - Courses Appropriate to Major
Music Theory
Select 12 credit hours from the following:  12
- MUSC 1331  Music Theory I
- MUSC 1332  Music Theory II
- MUSC 1513  Aural Skills I
- MUSC 1514  Aural Skills II
- MUSC 2333  Music Theory III
- MUSC 2513  Aural Skills III
Applied Music
Select 6 credit hours from the following:  6
- MUSA XXXX  Applied Music (two semesters @ 1 credit hour)
- MUSC 1511  Group Piano I
- MUSC 1512  Group Piano II
- MUSC 2511  Group Piano III
- MUSC 2512  Group Piano IV
Major Requirements
- EDUC 2110  Investigating Critical and Contemporary Issues in Education  3
- EDUC 2120  Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts  3
- EDUC 2130  Exploring Learning and Teaching
- MUSA XXXX  Applied Music (four semesters @ 1 credit hour)  4
- MUSA 2101  Recital  0
- MUSC 1515  Technology in Music  1
- MUSC 2334  Music Theory IV  3
- MUSC 2514  Aural Skills IV  1
- MUSC 2621  Introduction to Music Education  2
- MUSC 3131  History of Music I  3
- MUSC 3132  History of Music II  3
- MUSC 3213  Percussion Methods  1
- MUSC 3215  String Methods  1
- MUSC 3216  Voice Class  1
- MUSC 3217  Woodwind Methods  1
- MUSC 3218  Brass Methods  1
- MUSC 3232  Elementary Methods and Materials in Music  3
- MUSC 3610  Orchestration  2
- MUSC 4211  Marching Band Techniques  1
- MUSC 4411  Basic Conducting  1
- MUSC 4432  Instrumental Conducting and Literature  3
- MUSC 4532  Secondary Methods and Materials in Music  3
- MUSC 4611  Seminar in Music Education  1
- MUSC 4632  Student Teaching Seminar  3
- MUSC 4799  Student Teaching in P-12 Music Education  9
- MUSE 1100  Recital Attendance (six semesters)  0
- MUSE 3XXX  Large Ensemble (six semesters @ 1 credit hour)  6
- MUSE 3XXX  Additional Assigned Ensemble (two semesters @ 1 credit hour)  2
- SPED 3333  Introduction to Special Education  3

Total Credit Hours  132

Note: Piano primaries will substitute 2 credit hours of Large Ensemble with 2 credit hours of Piano Ensemble (MUSE 3514).

Program Admission Criteria
- All prospective music majors must pass an entrance audition in the primary area.

Other Program Requirements
- See the requirements for all music degree programs (p. 71).
- See the Department of Music Handbook for policies governing degree programs.
- Must meet all requirements for admission to and retention in the Teacher Education Program, including GPA, field experiences, and GACE tests. See College of Education Student Success Center to ensure that all certification requirements are met.

Music Minor

Minor Program

- MUSC 1331  Music Theory I  3
- MUSC 1511  Group Piano I  1
- MUSC 1513  Aural Skills I  1
- MUSC 3131  History of Music I  3
- MUSC 3132  History of Music II  3
- Four elective semester hours in Music  4

Total Credit Hours  15

Note: At least 9 credits must be 3000-level or above.
Department of Philosophy and Religious Studies

The Department of Philosophy and Religious Studies helps students to learn how to think, not what to think. Philosophy majors develop critical thinking skills, appreciate cultural diversity, become careful readers, and write clearly and accurately. The philosophy major is for students who are passionate about ideas and curious about the world.

The disciplines of Philosophy and Religious Studies ask pressing questions: What does it mean to be human? How do people make meaning in this world? What is the relationship of individuals to society? These questions are complicated by topics such as class, race, ethnicity, and gender - all of which are addressed by classes in the Department. From Existentialism to Epistemology, and raging across time and place from Ancient Israel to Contemporary Tibet, the Department of Philosophy and Religious Studies has something for everyone.

Studying Philosophy or Religious Studies provides excellent preparation for professional employment in any area where critical thinking, problem solving, careful reading, and the ability to communicate well are important.

The Department takes pride in working with students to connect their immediate studies with their long-term goals. Because of the size of our program, students are mentored by the faculty and are known as individuals.

A student graduating with a B.A. degree in Philosophy will be able to demonstrate the following:

1. Present and explain the thought of a philosopher or philosophical theory accurately and clearly, demonstrating a strong background in discipline-specific knowledge, including the history and major periods of Philosophy, major thinkers, and major fields of study and theories of Philosophy.
2. Critically evaluate philosophical positions, identifying central arguments and their support, demonstrating an ability to think through complex issues with clarity.
3. Present an independent evaluation of or response to the material. Support one’s own philosophical positions with well-reasoned argumentation, providing a thesis that is properly stated, focused, and clear, and defending this thesis in a way that is well-organized and well-supported.

A student graduating with a B.A. degree in Philosophy (Concentration in Religious Studies) will be able to demonstrate the following:

1. Analyze philosophical arguments and religious data by critically assessing relevant primary and secondary texts.
2. Utilize theories and methods from different disciplinary approaches within Philosophy and Religious Studies.
3. Synthesize relevant data to support an argument that explains some aspect of religion, providing a thesis that is properly stated, focused, clear, and defending this thesis in a way that is well-organized and well-supported.

Programs

Majors

- Philosophy B.A. (p. 78)
- Philosophy B.A. (Concentration in Law) (p. 79)
- Philosophy B.A. (Concentration in Religious Studies) (p. 80)

Minors

- Philosophy Minor (p. 81)
- Religious Studies Interdisciplinary Minor (p. 82)

Philosophy B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>Additional Requirements</td>
</tr>
<tr>
<td>4</td>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>18</td>
<td>PHIL 2010 Introduction to Philosophy</td>
</tr>
<tr>
<td></td>
<td>(If not taken in the Core Curriculum)</td>
</tr>
<tr>
<td></td>
<td>PHIL 2030 Introduction to Ethics</td>
</tr>
<tr>
<td></td>
<td>(If not taken in the Core Curriculum)</td>
</tr>
<tr>
<td>Students must complete FORL through the 2002 level</td>
<td>0-12</td>
</tr>
<tr>
<td>Students may take other courses such as:</td>
<td>0-15</td>
</tr>
<tr>
<td>RELS 2100 World Religions</td>
<td></td>
</tr>
<tr>
<td>RELS 2130 Introduction to Religious Studies</td>
<td></td>
</tr>
</tbody>
</table>

Major Requirements (24 credit hours)

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>History of Philosophy Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Select two additional courses from the following:</td>
</tr>
<tr>
<td></td>
<td>PHIL 3100 Ancient Philosophy</td>
</tr>
<tr>
<td></td>
<td>PHIL 3120 Medieval Philosophy</td>
</tr>
<tr>
<td></td>
<td>PHIL 3121 The Rise of Science in Religious Contexts</td>
</tr>
<tr>
<td></td>
<td>PHIL 3130 Early Modern Philosophy: Rationalism and Empiricism</td>
</tr>
<tr>
<td></td>
<td>PHIL 3140 Nineteenth Century Philosophy</td>
</tr>
<tr>
<td></td>
<td>PHIL 3150 Contemporary Philosophy</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Logic Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-6</td>
<td>PHIL 2020 Critical Thinking</td>
</tr>
<tr>
<td></td>
<td>PHIL 4233 Symbolic Logic</td>
</tr>
</tbody>
</table>

Additional Major Courses

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Selected Topics in Philosophy</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>PHIL 3030</td>
</tr>
<tr>
<td></td>
<td>PHIL 3120 Medieval Philosophy</td>
</tr>
<tr>
<td></td>
<td>PHIL 3121 The Rise of Science in Religious Contexts</td>
</tr>
<tr>
<td></td>
<td>PHIL 3130 Early Modern Philosophy: Rationalism and Empiricism</td>
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<td></td>
<td>PHIL 3140 Nineteenth Century Philosophy</td>
</tr>
<tr>
<td></td>
<td>PHIL 3150 Contemporary Philosophy</td>
</tr>
<tr>
<td></td>
<td>PHIL 3170 Postmodernism</td>
</tr>
<tr>
<td></td>
<td>PHIL 3200 Technology, Society and Human Values</td>
</tr>
<tr>
<td></td>
<td>PHIL 3230 Modern Political Thought</td>
</tr>
<tr>
<td></td>
<td>PHIL/POLS 3232 Philosophy of Law</td>
</tr>
<tr>
<td></td>
<td>PHIL 3330 Philosophy of Art</td>
</tr>
<tr>
<td></td>
<td>PHIL 3332 Contemporary Moral Problems</td>
</tr>
<tr>
<td></td>
<td>PHIL 3334 Environmental Ethics</td>
</tr>
<tr>
<td></td>
<td>PHIL 3531 Theory of Knowledge</td>
</tr>
<tr>
<td></td>
<td>PHIL 3532 Metaphysics</td>
</tr>
<tr>
<td></td>
<td>PHIL 3635 Existentialism</td>
</tr>
<tr>
<td></td>
<td>PHIL/WGST 4130 Feminist Philosophy</td>
</tr>
</tbody>
</table>
Electives  
Select 21 credit hours of Electives which may include additional Philosophy courses  21
Minor - Required  
Select 15 credit hours of Minor (Must be approved by advisor)  15

Total Credit Hours  124

1 Three credit hours of an appropriate upper division course in another field may be substituted to count toward the major with permission of the Chair.

2 At least 15 credit hours of the elective or minor credits must be at the 3000 level or higher, so that the student will graduate with 39 upper division credits. If PHIL 2020 Critical Thinking is used in the major, then 18 credit hours of elective or minor credits at the 3000 level or higher would be required.

Program Admission Criteria

• Majors must acquire from their advisors a copy of “Requirements for the Major in Philosophy.”

Other Program Requirements

• Must have earned a minimum grade of “C” in each of the required courses in Philosophy upper division.

Honors in Philosophy

To graduate with Honors in Philosophy, a student must:

• be admitted to the University Honors Program;
• successfully complete at least three credit hours of (i) over three semesters;
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Students completing the Honors Requirements in Philosophy will count the three credit hours of the Honors 4610 (Honors Research Seminar) toward their general electives, which means that they will have a total of 18 credit hours for other general elective courses rather than 21 credit hours.

Advisement

All Statesboro Philosophy majors are advised by an advisor in the Newton Building, (912) 478-0233.

All Armstrong Philosophy majors are advised by an advisor in the Student Success Center, (912) 344-2673.
### Philosophy B.A. (Concentration in Religious Studies)

#### Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>Additional Requirements</th>
<th>Area F - Courses Appropriate to Major</th>
<th>Foreign Language - through 2002</th>
<th>Area F - Courses Appropriate to Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td></td>
<td>4</td>
<td>18</td>
<td>0-12</td>
<td>0-9</td>
</tr>
</tbody>
</table>

Take at least one of the following. Credit hours may be used in the core. Select 0-9 credit hours from the following:

- PHIL 2010 Introduction to Philosophy
- PHIL 2020 Critical Thinking
- PHIL 2030 Introduction to Ethics

Take at least one of the following. Credit hours may be used in the core. Select 0-6 credit hours from the following:

- RELS 2100 World Religions
- RELS 2130 Introduction to Religious Studies

Select 0-15 credit hours from any 1000-2000 level courses

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Major Requirements (27 credit hours @ the 3000 level or above)</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td></td>
</tr>
</tbody>
</table>

Specific Requirements:

- RELS 4890 Religious Studies Capstone

**Ancient and Modern Philosophy**

Select 3-6 credit hours from the following:

- PHIL 3100 Ancient Philosophy
- PHIL 3130 Early Modern Philosophy: Rationalism and Empiricism

**Philosophy of Religion**

Select 3-9 credit hours from the following:

- PHIL 3635 Existentialism
- PHIL 4632 Philosophy of Religion
- RELS 3234 Asian Religious Philosophy

**Electives in the Major**

Select 9-18 credit hours from the following:

- ANTH 4350 Sorcery, Demons and Gods
- ENGL 3141 The Bible as Literature
- ENGL 3150 Mythology
- ENGL 5485 Milton
- HIST/RELS 3139 History of Religion in the U.S.
- HIST/RELS 3233 The Early Church
- HIST 3234 The History of Islam in Southeast Asia
- HIST/RELS 3250 The Muslim World to Tamerlane
- HIST/RELS 3251 The Muslim World Since Genghis Khan
- HIST/RELS 3334 Christian Europe 450-1750
- HIST/RELS 4336 Science and Religion
- HIST/RELS 5332 The Age of Reformations
- PHIL 3120 Medieval Philosophy

---

### Program Admission Criteria

- Majors must acquire from their advisors a copy of “Requirements for the Major in Philosophy.”

### Other Program Requirements

- Must have earned a minimum grade of “C” in each of the required courses in upper division courses for the major.

### Honors in Philosophy

To graduate with Honors in Philosophy, a student must:

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Students completing the Honors Requirements in Philosophy will count the three credit hours of the HONS 4610 Honors Research Seminar toward their general electives, which means that they will have a total of 18 credit hours for other general elective courses rather than 21 credit hours.
PHIL 3140  Nineteenth Century Philosophy
PHIL 3332  Contemporary Moral Problems
PHIL 3532  Metaphysics
PHIL 4130  Feminist Philosophy
PHIL 4533  Philosophy of Mind
PSYC 3231  Psychology of Religion
RELS 3030  Selected Topics
RELS 3134  Introduction to Asian Religions
RELS 3135  Introduction to Hinduism
RELS 3136  Introduction to Islam
RELS 3137  Introduction to Christianity
RELS 3138  Introduction to Buddhism
RELS 3235  Religion, Sex, and Gender
RELS 3238  The Hebrew Prophets
RELS 3330  Introduction to the Hebrew Bible
RELS 3335  Introduction to the New Testament
RELS 3430  Religion and Politics
RELS 5030  Special Topics in Religious Studies
SOCI 4133  Sociology of Religion

Electives 2
Select 18 credit hours of Electives

Minor - Required 2
Select 15 credit hours of Minor (Must be approved by advisor)

Total Credit Hours 124

1 For Religious Studies Capstone (RELS 4890), the prerequisite is at least two courses within the major.
2 At least 12 credit hours of the elective or minor credits must be at the 3000 level or higher, so that the students will graduate with at least 39 hours of upper division credits.

Program Admission Criteria

• Majors must acquire from their advisors a copy of "Requirements for the Major in Philosophy (Religious Studies Concentration)."

Other Program Requirements

• Must have earned a minimum grade of “C” in each of the required courses in Philosophy upper division.

Honors in Philosophy (Religious Studies Concentration)

To graduate with Honors in Philosophy (Religious Studies Concentration), a student must:

• be admitted to the University Honors Program;
• successfully complete at least three credit hours of HONS 4610 Honors Research Seminar over three semesters;
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Advisement

All Philosophy majors, including students in the University Honors Program (UHP), are advised by an advisor in the Newton Building, (912) 478-0233.

Philosophy Minor

Contact

Chair, Department of Philosophy
Newton Hall
(912) 478-5471

Minor Program

PHIL - 15 credits, 9 of which are upper division
PHIL 3030  Selected Topics in Philosophy
PHIL 3100  Ancient Philosophy
PHIL 3120  Medieval Philosophy
PHIL 3121  The Rise of Science in Religious Contexts
PHIL 3130  Early Modern Philosophy: Rationalism and Empiricism
PHIL 3140  Nineteenth Century Philosophy
PHIL 3150  Contemporary Philosophy
PHIL 3170  Postmodernism
PHIL 3200  Technology, Society and Human Values
PHIL 3230  Modern Political Thought
PHIL 3232  Philosophy of Law
PHIL 3330  Philosophy of Art
PHIL 3332  Contemporary Moral Problems
PHIL 3334  Environmental Ethics
PHIL 3531  Theory of Knowledge
PHIL 3532  Metaphysics
PHIL 3635  Existentialism
PHIL 4130  Feminist Philosophy
PHIL 4233  Symbolic Logic
PHIL 4433  The Irish Philosophical Tradition
PHIL 4434  Focus on the Philosopher
PHIL 4532  Philosophy of Emotions
PHIL 4533  Philosophy of Mind
PHIL 4534  Philosophy of Film
PHIL 4632  Philosophy of Religion
PHIL 4800  Independent Study
PHIL 5030  Selected Topics in Philosophy
RELS 3234  Asian Religious Philosophy (also counts toward the minor)

Advisement

If you have questions or need assistance, please speak with an advisor in the Newton Building, (912) 478-0233.

Religious Studies Interdisciplinary Concentration

Concentration Program

RELS 4890  Religious Studies Capstone 1 3
Select five of the following: (Must be from at least three different disciplines and approved by advisor)

ANTH 4350  Sorcery, Demons and Gods
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3141</td>
<td>The Bible as Literature</td>
<td></td>
</tr>
<tr>
<td>ENGL 3150</td>
<td>Mythology</td>
<td></td>
</tr>
<tr>
<td>ENGL 5485</td>
<td>Milton</td>
<td></td>
</tr>
<tr>
<td>HIST 3139</td>
<td>History of Religion in the U.S.</td>
<td></td>
</tr>
<tr>
<td>or RELS 3139</td>
<td>History of Religion in the U.S.</td>
<td></td>
</tr>
<tr>
<td>HIST 3233</td>
<td>The Early Church</td>
<td></td>
</tr>
<tr>
<td>or RELS 3233</td>
<td>The Early Church</td>
<td></td>
</tr>
<tr>
<td>HIST 3234</td>
<td>The History of Islam in Southeast Asia</td>
<td></td>
</tr>
<tr>
<td>HIST 3250</td>
<td>The Muslim World to Tamerlane</td>
<td></td>
</tr>
<tr>
<td>or RELS 3250</td>
<td>The Muslim World to Tamerlane</td>
<td></td>
</tr>
<tr>
<td>HIST 3251</td>
<td>The Muslim World Since Genghis Khan</td>
<td></td>
</tr>
<tr>
<td>or RELS 3251</td>
<td>The Muslim World Since Genghis Khan</td>
<td></td>
</tr>
<tr>
<td>HIST 3334</td>
<td>Christian Europe 450-1750</td>
<td></td>
</tr>
<tr>
<td>or RELS 3334</td>
<td>Christian Europe 450-1750</td>
<td></td>
</tr>
<tr>
<td>HIST 4336</td>
<td>Science and Religion</td>
<td></td>
</tr>
<tr>
<td>or RELS 4336</td>
<td>Science and Religion</td>
<td></td>
</tr>
<tr>
<td>HIST 4530</td>
<td>Revelation and Revolution</td>
<td></td>
</tr>
<tr>
<td>HIST 5332</td>
<td>The Age of Reformeriations</td>
<td></td>
</tr>
<tr>
<td>or RELS 5332</td>
<td>The Reformation</td>
<td></td>
</tr>
<tr>
<td>PHIL 3120</td>
<td>Medieval Philosophy</td>
<td></td>
</tr>
<tr>
<td>PHIL 3635</td>
<td>Existentialism</td>
<td></td>
</tr>
<tr>
<td>PHIL 4632</td>
<td>Philosophy of Religion</td>
<td></td>
</tr>
<tr>
<td>PSYC 3231</td>
<td>Psychology of Religion</td>
<td></td>
</tr>
<tr>
<td>RELS 2100</td>
<td>World Religions</td>
<td></td>
</tr>
<tr>
<td>RELS 2130</td>
<td>Introduction to Religious Studies</td>
<td></td>
</tr>
<tr>
<td>RELS 3030</td>
<td>Selected Topics</td>
<td></td>
</tr>
<tr>
<td>RELS 3134</td>
<td>Introduction to Asian Religions</td>
<td></td>
</tr>
<tr>
<td>RELS 3135</td>
<td>Introduction to Hinduism</td>
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<tr>
<td>RELS 3136</td>
<td>Introduction to Islam</td>
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<tr>
<td>RELS 3137</td>
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<td>Introduction to Buddhism</td>
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<td>RELS 3235</td>
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<td>RELS 5030</td>
<td>Special Topics in Religious Studies</td>
<td></td>
</tr>
<tr>
<td>SOCI 4133</td>
<td>Sociology of Religion</td>
<td></td>
</tr>
</tbody>
</table>

### Minor Program

**Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS 4890</td>
<td>Religious Studies Capstone</td>
<td>3</td>
</tr>
</tbody>
</table>

An additional 12 credit hours of courses with significant Religious Studies dimension must be completed for a total of 15 credit hours. May not be taken in conjunction with the Philosophy with a Religious Studies Concentration major degree. Courses may be selected from the list of courses below approved for the minor. Other courses must be approved by the director of the Religious Studies Interdisciplinary Minor.

Select four of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3141</td>
<td>The Bible as Literature</td>
<td></td>
</tr>
<tr>
<td>ANTH 4350</td>
<td>Sorcery, Demons and Gods</td>
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</tr>
<tr>
<td>ENGL 3150</td>
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<td></td>
</tr>
<tr>
<td>HIST 3233</td>
<td>The Early Church</td>
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<tr>
<td>or RELS 3233</td>
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<tr>
<td>HIST 3234</td>
<td>The History of Islam in Southeast Asia</td>
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<tr>
<td>HIST 3334</td>
<td>Christian Europe 450-1750</td>
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<td>Science and Religion</td>
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<td>Asian Religious Philosophy</td>
<td></td>
</tr>
<tr>
<td>RELS 3235</td>
<td>Religion, Sex, and Gender</td>
<td></td>
</tr>
<tr>
<td>RELS 3238</td>
<td>The Hebrew Prophets</td>
<td></td>
</tr>
<tr>
<td>RELS 3330</td>
<td>Introduction to the Hebrew Bible</td>
<td></td>
</tr>
</tbody>
</table>

---

**Total Credit Hours**

18

---

1 For RELS 4890, the prerequisite is at least two courses within the concentration.

### Contact

Philosophy and Religious Studies Department  
Newton Building  
Room 3307A  
(912) 478-0222
Applied Linguistics Concentration

Concentration Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 3630</td>
<td>Language and Linguistic Theory</td>
<td>3</td>
</tr>
<tr>
<td>LING 3030</td>
<td>Selected Topics in Linguistics</td>
<td>15</td>
</tr>
<tr>
<td>LING 3430</td>
<td>Linguistics and Grammar for Teachers</td>
<td></td>
</tr>
<tr>
<td>LING 3520</td>
<td>Revision, Grammar and Culture</td>
<td></td>
</tr>
<tr>
<td>LING 4230</td>
<td>Second Language Writing</td>
<td></td>
</tr>
<tr>
<td>LING 4231</td>
<td>Corpus Linguistics</td>
<td></td>
</tr>
<tr>
<td>LING 4430</td>
<td>Computer-Assisted Language Learning</td>
<td></td>
</tr>
<tr>
<td>LING 4432</td>
<td>Language Assessment</td>
<td></td>
</tr>
<tr>
<td>LING/WRIT</td>
<td>Internship in Writing and Linguistics</td>
<td>4790</td>
</tr>
<tr>
<td>LING 5130</td>
<td>Modern English Grammar</td>
<td></td>
</tr>
<tr>
<td>LING 5530</td>
<td>Sociolinguistics</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours: 18

Courses may be selected from the list of courses below approved for the concentration. Other courses must be approved by the director of the Applied Linguistics Concentration.

Contact

Chair, Department of Writing & Linguistics
Newton Building
Room 1118
(912) 478-0141

Applied Linguistics Minor

Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 3630</td>
<td>Language and Linguistic Theory</td>
<td>3</td>
</tr>
<tr>
<td>LING 3030</td>
<td>Selected Topics in Linguistics</td>
<td>12</td>
</tr>
<tr>
<td>LING 3430</td>
<td>Linguistics and Grammar for Teachers</td>
<td></td>
</tr>
<tr>
<td>LING 3520</td>
<td>Revision, Grammar and Culture</td>
<td></td>
</tr>
<tr>
<td>LING 4230</td>
<td>Second Language Writing</td>
<td></td>
</tr>
<tr>
<td>LING 4231</td>
<td>Corpus Linguistics</td>
<td></td>
</tr>
<tr>
<td>LING 4430</td>
<td>Computer-Assisted Language Learning</td>
<td></td>
</tr>
<tr>
<td>LING 4432</td>
<td>Language Assessment</td>
<td></td>
</tr>
<tr>
<td>LING/WRIT</td>
<td>Internship in Writing and Linguistics</td>
<td>4790</td>
</tr>
<tr>
<td>LING/WRIT</td>
<td>Modern English Grammar</td>
<td>5130</td>
</tr>
<tr>
<td>LING/WRIT</td>
<td>Sociolinguistics</td>
<td>5530</td>
</tr>
</tbody>
</table>

Total Credit Hours: 15

Courses may be selected from this list of courses approved for the minor. Other courses must be approved by the Director of the Applied Linguistics Interdisciplinary Minor.

Advisement

If you have questions or need assistance, please speak with an advisor in the Newton Building, (912) 478-0233.
Linguistics Interdisciplinary Minor

Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 3630</td>
<td>Language and Linguistic Theory</td>
</tr>
<tr>
<td>Select 12 credit hours from the following: 1</td>
<td>12</td>
</tr>
<tr>
<td>LING 3030</td>
<td>Selected Topics in Linguistics</td>
</tr>
<tr>
<td>LING 3031</td>
<td>Phonology: Introduction to Sound Systems</td>
</tr>
<tr>
<td>LING 3032</td>
<td>Syntax: Introduction to Structures of Sentences</td>
</tr>
<tr>
<td>LING 3337</td>
<td>Language, Power, Politics</td>
</tr>
<tr>
<td>LING 3338</td>
<td>Language and Law</td>
</tr>
<tr>
<td>LING 3520</td>
<td>Revision, Grammar and Culture</td>
</tr>
<tr>
<td>LING 3534</td>
<td>Psychology of Language</td>
</tr>
<tr>
<td>LING 4333</td>
<td>Semantics: Introduction to Linguistic Meaning</td>
</tr>
<tr>
<td>LING/WRIT 4790</td>
<td>Internship in Writing and Linguistics</td>
</tr>
<tr>
<td>LING 5130</td>
<td>Modern English Grammar</td>
</tr>
<tr>
<td>LING 5340</td>
<td>History of English Language</td>
</tr>
<tr>
<td>LING 5530</td>
<td>Sociolinguistics</td>
</tr>
<tr>
<td>or WRIT 5530</td>
<td>Sociolinguistics</td>
</tr>
<tr>
<td>ENGL 5440</td>
<td>Early British Literature 2</td>
</tr>
</tbody>
</table>

Total Credit Hours 15

1 Courses may be selected from this list of courses approved for the minor. Other courses must be approved by the director of the Linguistics Interdisciplinary Minor.

2 Armstrong campus only

Contact

Writing and Linguistics Department
Newton Building
Room 3306 A
(912) 478-5350

Professional and Technical Writing Minor

Required Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRIT 3220</td>
<td>Introduction to Professional and Technical Writing</td>
</tr>
<tr>
<td>Select four courses from the following:</td>
<td>12</td>
</tr>
<tr>
<td>WRIT 2130</td>
<td>Technical Communication</td>
</tr>
<tr>
<td>WRIT 2450</td>
<td>Writing for Social Media</td>
</tr>
<tr>
<td>WRIT 3030</td>
<td>Selected Topics in Writing 1</td>
</tr>
<tr>
<td>WRIT 3230</td>
<td>Writing in the Workplace</td>
</tr>
<tr>
<td>WRIT 3232</td>
<td>Information Design</td>
</tr>
<tr>
<td>WRIT 3233</td>
<td>Technical and Professional Editing</td>
</tr>
<tr>
<td>WRIT 3234</td>
<td>Research Methods for Writers</td>
</tr>
<tr>
<td>WRIT 3310</td>
<td>Digital Storytelling</td>
</tr>
<tr>
<td>WRIT 3320</td>
<td>Introduction to Usability and user Experience</td>
</tr>
<tr>
<td>WRIT 3460</td>
<td>Travel and Tourism Writing</td>
</tr>
</tbody>
</table>

Writing and Linguistics B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core Areas A - E) 42

Additional Requirements 4

Area F - Courses Appropriate to Major 18

Foreign Language - through 2002 or its equivalent
Select 9-18 credit hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 2090</td>
<td>Selected Topics in Writing and Linguistics</td>
</tr>
<tr>
<td>LING 2230</td>
<td>Introduction to Language</td>
</tr>
<tr>
<td>WRIT 2090</td>
<td>Selected Topics in Writing and Linguistics</td>
</tr>
<tr>
<td>WRIT 2130</td>
<td>Technical Communication</td>
</tr>
<tr>
<td>WRIT 2131</td>
<td>Applied Creative Writing</td>
</tr>
<tr>
<td>WRIT 2133</td>
<td>Forms in Writing</td>
</tr>
<tr>
<td>WRIT 2135</td>
<td>Reading as a Writer</td>
</tr>
<tr>
<td>WRIT 2230</td>
<td>Careers in Writing and Linguistics</td>
</tr>
<tr>
<td>WRIT 2290</td>
<td>Creativity for Writers</td>
</tr>
<tr>
<td>WRIT 2350</td>
<td>Freelance Writing</td>
</tr>
<tr>
<td>WRIT/LING 2430</td>
<td>Essential Grammar for Successful Writing</td>
</tr>
<tr>
<td>WRIT 2450</td>
<td>Writing for Social Media</td>
</tr>
<tr>
<td>WRIT 2533</td>
<td>Writers on Writing</td>
</tr>
<tr>
<td>ENGL 2100</td>
<td>Literature And Humanities (unless taken for Area C) 1</td>
</tr>
<tr>
<td>or ENGL 2111</td>
<td>World Literature I</td>
</tr>
<tr>
<td>or ENGL 2112</td>
<td>World Literature II</td>
</tr>
<tr>
<td>or ENGL 2121</td>
<td>British Literature I</td>
</tr>
<tr>
<td>or ENGL 2122</td>
<td>British Literature II</td>
</tr>
</tbody>
</table>

1 Chosen in consultation with advisor.
or ENGL 2131 American Literature I
or ENGL 2132 American Literature II

Major Requirements
Students must take a minimum of 30 upper-division hours in the major

Common Body of Knowledge Courses
Students must complete four of the following five courses, and must complete at least two of these courses with a minimum grade of "C" before enrolling in any course at the 4000-level or above.

LING 3630 Language and Linguistic Theory
WRIT 3130 Creative Writing
WRIT 3220 Introduction to Professional and Technical Writing
WRIT 3234 Research Methods for Writers
WRIT 3531 Introduction to Writing Studies

Upper Division Requirements
Select one of the following: 3
LING 4333 Semantics: Introduction to Linguistic Meaning
LING/WRIT 5130 Modern English Grammar
LING/WRIT 5340 History of English Language
WRIT 3233 Technical and Professional Editing
WRIT 3234 Research Methods for Writers
WRIT 5330 Rhetoric

Select one (3-6 credit hours) from the following Capstone Experience courses: 3-6
LING/WRIT 4790 Internship in Writing and Linguistics
WRIT 5231 Advanced Screenwriting
WRIT 5250 Advanced Technical Writing
WRIT 5330 Rhetoric
WRIT 5433 Comic Book Writing in American Culture
WRIT 5435 Writing and Healing
WRIT 5460 Writing Argument
WRIT 5470 Writing, Rhetoric, and Culture
WRIT 4790 Internship in Writing and Linguistics
WRIT 5030 Selected Topics in Writing
WRIT 5100 Writing for New Media
WRIT 5130 Modern English Grammar
WRIT 5330 Rhetoric
WRIT 5340 History of English Language
WRIT 5530 Sociolinguistics
WRIT 5533 Writing the Body
WRIT 5550 Cultural Rhetorics

Select 9-12 credit hours from the following upper-division courses in the major as approved by advisor: 9-12
Creative Writing
WRIT 3030 Selected Topics in Writing
WRIT 3140 Writing for Young Readers
WRIT 3310 Digital Storytelling
WRIT 3433 Comic Book Writing in American Culture
WRIT 3490 Writing the Southern Experience
WRIT 4130 Creative Nonfiction Writing
WRIT 4231 Screenwriting
WRIT 5231 Advanced Screenwriting
WRIT 4430 Poetry Writing
WRIT 4530 Fiction Writing
WRIT 4790 Internship in Writing and Linguistics
WRIT 5030 Selected Topics in Writing
WRIT 5430 Advanced Poetry Writing

LING 3030 Selected Topics in Linguistics
LING 3031 Phonology: Introduction to Sound Systems
LING 3032 Syntax: Introduction to Structures of Sentences
LING 3337 Language, Power, Politics
LING 3338 Language and Law
LING 3533 Introduction to Language
LING 3534 Psychology of Language
LING 4230 Second Language Writing
LING 4231 Corpus Linguistics
Writing Minor

Minor Program

Select five Upper Division Writing and Linguistics (WRIT prefix) courses. Must include a minimum of 9 hours of WRIT electives numbered 3000 or above (maximum 3 hours of WRIT 4790).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 4430</td>
<td>Computer-Assisted Language Learning</td>
</tr>
<tr>
<td>LING 4432</td>
<td>Language Assessment</td>
</tr>
<tr>
<td>LING 4333</td>
<td>Semantics: Introduction to Linguistic Meaning</td>
</tr>
<tr>
<td>LING 5130</td>
<td>Modern English Grammar</td>
</tr>
<tr>
<td>LING 5340</td>
<td>History of English Language</td>
</tr>
<tr>
<td>LING 5530</td>
<td>Sociolinguistics</td>
</tr>
<tr>
<td>LING/WRIT 4790</td>
<td>Internship in Writing and Linguistics</td>
</tr>
</tbody>
</table>

Minor - Required
Select 15 credit hours of Minor at least 9 credit hours of which must be at the 3000-level or above  15

Elective
Select 15 credit hours of Electives (advisor approved)  15

Total Credit Hours 124

1 Denotes option available only to students on the Armstrong campus.
2 Denotes requirements for students on the Armstrong campus.

Program Admission Criteria
Students must have an institutional GPA of 2.0 or higher to become a major in Writing.

Other Program Requirements
Writing majors must earn a grade of "C" or better in all courses in the major.

Honors in Writing
To graduate with Honors in Writing, a student must:

• be admitted to the University Honors Program;
• successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters;
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Advisement
All Writing majors, including students in the University Honors Program (UHP), are advised by an advisor located at the following:

Armstrong Campus
Student Success Center
(912) 344-2673

Statesboro Campus
Newton Building
(912) 478-0233

Writing Minor

Contact
Chair, Department of Writing & Linguistics
Newton Building
Room 1118
(912) 478-0141

Interdisciplinary Studies

Center for Africana Studies

The mission of the Africana Studies program is to serve as a centralized instructional, service, and research program for students, faculty, and the community to explore the history, culture, and ideas of peoples of African descent. The program broadens students' understanding of the global community through transcultural opportunities and foster students' talents for leadership, scholarship, and personal development. The program allows students to explore the vast and complex cultures of the African Diaspora by visiting civilizations of the past and examining the contributions of African people in world affairs. The program also allows students to capitalize on the unparalleled opportunities that exist in the southern region of Georgia to study African and African-American connections, as observed in the Gullah/Geechee cultures and the African influences on the culture of the southern United States.

Center for Irish Research and Teaching

An tIonad um Thaighde agus Theagasc Éireannacha

The Center for Irish Research and Teaching (CIRT) increases international literacy among our diverse student body through rigorous, relevant study of Ireland and the worldwide Irish diaspora. CIRT places special emphasis on undergraduate research into Irish and Scots-Irish legacies in Georgia and the American South.

Through full-credit courses offered on the Armstrong and Statesboro campuses — and also on study-in-Ireland programs — CIRT provides students with opportunities to explore Irish and Irish-diaspora history and politics; literature and theater; culture and art; society and business; and science and technology. A student can obtain an interdisciplinary Minor in Irish Studies by successfully completing 15 credit hours of approved courses. Irish Studies courses equip students with tools to think, analyze, and problem-solve in ways that cross academic disciplines and national borders. Among other outcomes, the courses enhance participants' knowledge of universal human phenomena that resonate very particularly with the Irish experience, not least: colonization; emigration; food security; ethno-religious identity; and the tech economy. CIRT instills within students an ethos of civility, collaboration, and integrity; and it also fosters a commitment to lifelong learning.

Students are advised to consult the webpage of the Center for Irish Research and Teaching (georgiasouthern.edu/irish) for information about additional, semester-specific courses that have significant Irish content and, thus, have been pre-approved for the interdisciplinary Minor in Irish Studies. Those courses may be offered either on a Georgia campus or through a study-in-Ireland program.

Women's, Gender, and Sexuality Studies

The mission of the Women's and Gender Studies Program at Georgia Southern University is to introduce students to the definitions, theories, and methodologies of the study of gender as intersecting with identities of race, class, and sexuality. The Women’s and Gender Studies Program at Georgia Southern University offers an interdisciplinary minor available to all undergraduate students, regardless of major.

As an interdisciplinary minor, the Women's and Gender Studies Program promotes collaboration across diverse disciplines and among students, faculty, and the community who work together to understand the ways
in which ideologies of gender and sexuality permeate the entire fabric of society.

Through course offerings in the undergraduate minor in Women’s and Gender Studies (WGST), the program promotes academic study and dialogue on a broad range of topics related to interdisciplinary studies of women, feminisms, masculinities, sexes, genders, and sexualities, including LGBT+ or gender and sexual minorities (GSM).

The Women’s and Gender Studies Program supports research, teaching, and outreach activities that analyze gender through the framework of “intersectionality,” which theorizes identity categories as multiple. Identities that are always intersecting influence experiences and complicate marginalization.

Guided by disciplinary standards, the Women’s and Gender Studies Program supports the University’s mission by fostering research, teaching, and outreach activities that promote integrity, civility, kindness, and collaboration.

Programs

Majors

- Associate of Arts A.A. (p. 87)
- Associate of Science A.S. (p. 88)
- Interdisciplinary Studies B.I.S. (p. 89)
- Interdisciplinary Studies B.I.S. (Online) (p. 90)
- Women’s Gender, and Sexuality Studies B.A. (p. 92)

Minors

- Africana Studies Interdisciplinary Minor (p. 87)
- Classical and Medieval Studies Interdisciplinary Minor (p. 88)
- Environmental Studies Interdisciplinary Minor (p. 88)
- European Union Studies Interdisciplinary Minor (p. 89)
- Film Studies Interdisciplinary Minor (p. 89)
- Irish Studies Interdisciplinary Minor (p. 91)
- Latin American Studies Interdisciplinary Minor (p. 92)
- Women’s, Gender, and Sexuality Studies Interdisciplinary Minor (p. 94)

Africana Studies Interdisciplinary Concentration

Concentration Program

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAST 3230</td>
<td>Introduction to Africa and Its Diaspora</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Five other courses, with at least one each from</td>
<td></td>
</tr>
<tr>
<td></td>
<td>the humanities and the social sciences.</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>18</td>
</tr>
</tbody>
</table>

A list of approved courses is available from the Center for Africana Studies.

Contact

Dr. Saba Jallow
Coordinator, Statesboro Campus
912-478-5387

Dr. Michael Benjamin
Coordinator, Armstrong Campus
912-344-2763
**Major Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1110</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Select fifteen credit hours of courses at the 1000 or 2000 level</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours: 64

---

1. This program is offered through the Liberty Campus.
2. Students planning to work towards a baccalaureate degree should select courses that meet listed requirements of that degree program.

**Advisement**

The program is administered by the College of Arts and Humanities. Students on the Armstrong campus are advised by an advisor located in the Student Success Center, (912) 344-2673. Students on the Statesboro campus are advised by an advisor located in the Interdisciplinary Academic Building, Room 1048, (912) 478-0248.

**Associate of Science A.S.**

**Degree Requirements: 64 Credit Hours**

See Core Curriculum for required courses in Area A1 through Area E.

To qualify for the Associate of Science, a student must earn at least 25% of the credits required for the degree at Georgia Southern.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>18</td>
</tr>
</tbody>
</table>

**Advisement**

The program is administered by the College of Arts and Humanities. Students on the Armstrong campus are advised by an advisor located in the Student Success Center, (912) 344-2673. Students on the Statesboro campus are advised by an advisor located in the Interdisciplinary Academic Building, Room 1048, (912) 478-0248.

**Classical and Medieval Studies Interdisciplinary Minor**

**Minor Program**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1111</td>
<td>World History I: Development of World Civilization</td>
<td>3</td>
</tr>
<tr>
<td>LATN - Any 3000 or 4000 level course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Select at least four of the following courses:</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>ARTH 2531</td>
<td>Art History I</td>
<td></td>
</tr>
<tr>
<td>ARTH 3530</td>
<td>Art and Architecture of the Ancient World</td>
<td></td>
</tr>
<tr>
<td>ARTH 3531</td>
<td>Medieval Art</td>
<td></td>
</tr>
<tr>
<td>HIST 3030</td>
<td>Selected Topics in History</td>
<td></td>
</tr>
<tr>
<td>HIST 3330</td>
<td>History of Greece</td>
<td></td>
</tr>
<tr>
<td>HIST 3331</td>
<td>History of Rome</td>
<td></td>
</tr>
<tr>
<td>HIST 3332</td>
<td>Late Antiquity</td>
<td></td>
</tr>
<tr>
<td>HIST 3333</td>
<td>The Middle Ages</td>
<td></td>
</tr>
<tr>
<td>HIST 3334</td>
<td>Christian Europe 450-1750</td>
<td></td>
</tr>
<tr>
<td>LATN 3131</td>
<td>Latin Authors</td>
<td></td>
</tr>
<tr>
<td>LATN 3330</td>
<td>Roman Women</td>
<td></td>
</tr>
<tr>
<td>LATN 4890</td>
<td>Directed Study in Latin (at least 3 credit hours)</td>
<td></td>
</tr>
<tr>
<td>POLS 3336</td>
<td>Ancient Political Thought</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours: 18

**Additional Minor Requirement**

A minimum of 15 hours will be necessary for an interdisciplinary minor in Classical and Medieval Studies, including 3 hours of upper division Latin. No student may apply any course in the department of his major towards the interdisciplinary minor in Classical and Medieval Studies.

HIST 1111 World History I: Development of World Civilization (3) will be a requirement for all students minoring in Classical and Medieval Studies and counts toward the necessary 15 hours for all students except History majors. A History major who minors in Classical and Medieval Studies may not count World History I towards fulfilling the necessary 15 hours since history majors are already required to take HIST 1111 as part of their major requirements. All students minoring in Classical and Medieval Studies may take up to one lower division and one upper division course cross listed with their majors.

Selected topics courses (3030s), study abroad programs and independent study courses with a specifically classical or medieval focus may be used as credit towards the minor upon approval of the director of the program and provided they are accepted for credit by the University. Their suitability for the minor will be decided by the director of the program.

**Environmental Studies Interdisciplinary Minor**

**Minor Program: 15 Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1103</td>
<td>Concepts of Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 1107</td>
<td>Principles of Biology I</td>
<td></td>
</tr>
<tr>
<td>BIOL 1107L</td>
<td>Principles of Biology I Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 1108</td>
<td>Principles of Biology II</td>
<td></td>
</tr>
<tr>
<td>BIOL 1108L</td>
<td>Principles of Biology Laboratory II</td>
<td></td>
</tr>
<tr>
<td>BIOL 1230</td>
<td>Environmental Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 1320</td>
<td>Diversity of Life</td>
<td></td>
</tr>
<tr>
<td>BIOL 3099</td>
<td>Selected Topics in Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 3100</td>
<td>People and the Environment</td>
<td></td>
</tr>
<tr>
<td>BIOL 3133</td>
<td>Evolution and Ecology</td>
<td></td>
</tr>
<tr>
<td>BIOL 4550</td>
<td>Biology of Marine Organisms</td>
<td></td>
</tr>
<tr>
<td>BIOL 5250</td>
<td>Limnology</td>
<td></td>
</tr>
<tr>
<td>BIOL 5400</td>
<td>Barrier Island Ecology</td>
<td></td>
</tr>
<tr>
<td>BIOL 5470</td>
<td>Marine Pollution</td>
<td></td>
</tr>
<tr>
<td>CHEM 1211</td>
<td>Principles of Chemistry I</td>
<td></td>
</tr>
</tbody>
</table>

---

1. This program is offered through the Liberty Campus.
2. Students planning to work towards a baccalaureate degree should select courses that meet listed requirements of that degree program.
CHEM 1211L Principles of Chemistry I Laboratory
CHEM 1212 Principles of Chemistry II
CHEM 1212L Principles of Chemistry II Laboratory
CHEM 3000 Special Topics in Chemistry
CHEM 4050 Ethical Issues in Chemistry
CHEM 4220 Chemistry of Biofuels
CHEM 5110 Environmental Chemistry
GEOG 1121 Introduction to the Earth
OCEA 3100 Introduction to Oceanography
PHYS 1149 Environmental Physics
SCIE 1212 Chemical Environment
SCIE 1212L Chemical Environment Laboratory

Select at least two non-science courses from this list: 6
ARTS 3680 Environmental Art
ENGL 5280 Literature and the Environment
GEOG 5435 Nature and Society

Total Credit Hours 15

Advisement

If you have questions or need assistance, please speak with an advisor located in the Interdisciplinary Academic Building, Room 1048, (912) 478-0248.

European Union Studies Interdisciplinary Minor

Minor Program

NOTE: A 3.0 GPA in certificate courses is required.

EURO 2000 European Union 3
or EURO 3234 Introduction to the European Union
or POLS 3234 Introduction to the European Union

Nine credit hours from the following multidisciplinary list 9
List includes the following campus (with at least a 25% EU component) as well as online courses (at least one course in two different discipline areas):

BIOL 3100 People and the Environment
ECON 3100 Multinational Econ Enterprises
ECON 3132 International Trade
ECON 4337 Environmental Economics
HIST 3338 Contemporary Europe
HIST 3431 Modern Britain: 1485 to the Present
HIST 3432 Modern Germany
HIST 3434 Modern European Thought
HIST 3533 Modern East Central Europe
HIST 4335 Women and Gender in Europe
HIST 5339 Britain and the World
HIST 5430 Modern France and French Society in Global Context
HIST 5533 Economic Rivals: US-Japan
POLS 3340 Pol & Ideol/Contemporary Euro
EURO 3990 Topics In European Union Studies
EURO 4130 European Law and Legal Systems
EURO 4160 Federalism and Multilevel Governance in the EU
EURO 4230 Doing Business in the European Union and United States
EURO 4260 European Monetary Union
EURO 4330 Science and Technology Policy
EURO 4430 EU Environmental Policy
EURO 4530 European Social Policy
EURO 4630 EU Communications and Media
EURO 4730 EU Foreign Policy
EURO 4760 US-EU Relations

Capstone Seminar: 3
EURO 4500 Seminar in Euro Union Studies

Total Credit Hours 15

Contact:
Dr. Olavi Arens
Department of History
Armstrong Campus
912-344-2857

Film Studies Interdisciplinary Minor

Required Minor Core Courses

ENGL 2434 The Language of Film 3
or FILM 2331 History of Cinema
FILM 3331

Minor Electives
Select three of the following: 9
ENGL 3232 The Art of Film Adaptation of Literature
ENGL 3535 Patterns in Film and Literature
FILM 3030 Selected Topics in Cinema
FILM 3332 Documentary Film
FILM 3333 Cinema Genres
IRSH 3430 Ireland in Film
POLS 3334 Film and Politics

Total Credit Hours 15

Interdisciplinary Studies B.I.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

The Bachelor of Interdisciplinary Studies (B.I.S.) degree provides opportunities for non-traditional college students who are interested in combining a liberal arts background with some degree of specialization. It offers a solid core curriculum program along with the freedom to choose from a wide range of concentrations.

While the Interdisciplinary Studies degree allows for study in several areas, it is organized to provide an academically sound program with carefully planned concentrations. The student who earns this degree will have achieved a broad-based education in a fully accredited program.
Interdisciplinary Studies B.I.S. (Online)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

The Bachelor of Interdisciplinary Studies (B.I.S.) Online provides opportunities for students who are interested in combining a liberal arts background with some degree of specialization. The degree offers a solid core curriculum program along with the freedom to choose several areas of study.

An online interdisciplinary degree that allows for study in several areas, the B.I.S. is organized to provide an academically sound program with carefully planned core and area concentrations. The student who earns this degree will have achieved a broad-based education in a fully accredited program.

General Requirements (Core Areas A - E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major
Select 18 credit hours of courses appropriate to Concentration and Minor programs of study, as approved by advisor 18

Major Requirements
For the major, students may choose one of the following two options: 1
Three (3) concentrations of 18 credit hours each from the list of approved concentrations below.
Two (2) concentrations of 18 credit hours each from the list of approved concentrations below and one (1) 15-credit hour minor (refer to minors and interdisciplinary minors in Catalog).

Approved Concentrations: 2

Required Capstone Course
IDS 4111 Capstone in Interdisciplinary Studies 1

Elective
Select 5-8 credit hours of Electives 5-8

Total Credit Hours 124

1 Of the total number of credit hours for the major, 42 of the credit hours must be at the upper division level.

2 Note: Please check with B.I.S. advisor for detailed information on Approved Concentrations.

Other Program Requirements
- Students must have a 2.0 total institutional GPA overall and a total GPA of 2.0 in each concentration (or minor).
- Students must choose concentrations and minors from different disciplines.

Other Program Information
- Foreign Language - Although foreign language is optional in the Bachelor of Interdisciplinary Studies Degree, students who wish may include Foreign Language in Area F, as well as choose a minor or concentration in Foreign Language.

Advisement
The program is administered by the College of Arts and Humanities. Advisors are located at the following campuses:

Armstrong Campus
Student Success Center
(912) 344-2613

Statesboro Campus
Interdisciplinary Academic Building
Room 2011
(912) 478-2316

Other Program Requirements
- Students must have a 2.0 total institution GPA overall and a total GPA of 2.0 in each concentration (or minor).
Advisement

The program is administered by the College of Arts and Humanities. Advisors are located at the following campuses:

Armstrong Campus
Student Success Center
(912) 344-2613

Statesboro Campus
Interdisciplinary Academic Building
Room 2011
(912) 478-2316

Irish Studies Interdisciplinary Minor

Minor Program

The interdisciplinary Minor in Irish Studies requires fifteen credit hours of courses with full or significant Irish and/or Irish-diaspora content. Twelve hours must derive from upper-division courses - this is, courses at the 3000 lever or above. Three hours may, but do not have to, derive from a lower-division course or courses.

Courses may be selected from the list of courses below. Other courses with significant Irish content may also be applied to the Minor; however, any such course must be approved by the Director of the Center for Irish Research and Teaching, who may be contacted by sending an email to irish@georgiasouthern.edu.

Students are advised to consult the webpage of the Center for Irish Research and Teaching (georgiasouthern.edu/irish) for information about additional, semester-specific courses that have significant Irish content and, thus, have been pre-approved for the Minor. Those courses may be offered either on campus or through a study-in-Ireland program.

| Credit Hours | 15 |
| Select 15 credit hours from the following: | |
| ANTH 3332 | European Cultures |
| ENGL 5235 | Irish Literature to 1850 |
| ENGL 5236 | Irish Literature since 1850 |
| ENGL 5238 | Irish Women Writers |
| ENGL 5440 | Early British Literature |
| HIST 3431 | Modern Britain: 1485 to the Present |
| IRSH 1001 | Irish Language, Gaeilge: I |
| IRSH 2001 | Irish Language, Gaeilge: II |
| IRSH 2130 | Introduction to Irish Culture |
| IRSH 3090 | Selected Topics in Irish Studies |
| IRSH/THEA 3333 | Irish Theatre |
| IRSH 3430 | Ireland in Film |
| IRSH 3432 | Northern Irish Identities, Conflict, and Peace-Making |
| PHIL 4433 | The Irish Philosophical Tradition |

The interdisciplinary concentration requires 18 credit hours of courses with significant Latin American dimension in at least two disciplines other than the major. Courses may be selected from the list of courses approved for the concentration. Other courses must be approved by the director of the Latin American Studies Interdisciplinary Concentration.

Advisement

If you have questions or need assistance, please speak with an advisor located at either of the following:

Armstrong Campus
Student Success Center
(912) 344-2673

Statesboro Campus
Interdisciplinary Academic Building
Room 1048
(912) 478-0248
## Latin American Studies Interdisciplinary Minor

### Minor Program

Select five of the following:  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG/LAST 4232</td>
<td>Geography of Latin America</td>
<td>1</td>
</tr>
<tr>
<td>HIST/INTS/LAST 3537</td>
<td>Colonial Latin America</td>
<td>1</td>
</tr>
<tr>
<td>HIST/INTS/LAST 3538</td>
<td>Latin America since Independence</td>
<td>1</td>
</tr>
<tr>
<td>POLS 3133</td>
<td>Latin American Politics</td>
<td>1</td>
</tr>
<tr>
<td>INTS 3130</td>
<td>Contemporary World Cultures</td>
<td>1</td>
</tr>
<tr>
<td>SPAN 3335</td>
<td>Conversation, Composition, Culture: South America</td>
<td>1</td>
</tr>
<tr>
<td>SPAN 3336</td>
<td>Conversation, Composition, Culture: Mexico and Central America</td>
<td>1</td>
</tr>
<tr>
<td>SPAN 3337</td>
<td>Conversation, Composition, Culture: The Caribbean</td>
<td>1</td>
</tr>
<tr>
<td>SPAN 3338</td>
<td>Conversation, Composition, Culture: Spain</td>
<td>1</td>
</tr>
<tr>
<td>SPAN 3339</td>
<td>Conversation, Composition, Culture: Latino USA</td>
<td>1</td>
</tr>
<tr>
<td>SPAN 4231</td>
<td>Spanish American Life, Literature, and Thought</td>
<td>1</td>
</tr>
<tr>
<td>SPAN 4233</td>
<td>Peninsular Life, Literature, and Thought</td>
<td>1</td>
</tr>
<tr>
<td>SPAN 5331</td>
<td>Latinos in the U.S.</td>
<td>1</td>
</tr>
<tr>
<td>SPAN 5332</td>
<td>Studies in Hispanic Film</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Credit Hours: 15

1. A total of 15 credit hours of courses with a significant Latin American dimension in at least two disciplines other than the major must be completed for the interdisciplinary minor. Other courses must be approved by the director of the Latin American Studies Interdisciplinary Minor.

2. On a regular basis, students pursuing the minor in Latin American Studies should consult with the Director of the Latin American Studies Interdisciplinary Minor.

### Advisement

If you have questions or need assistance, please speak with an advisor located at either of the following:

- Armstrong Campus
  - Student Success Center
  - (912) 344-2673

- Statesboro Campus
  - Interdisciplinary Academic Building
  - Room 1048
  - (912) 478-0248

### Nonprofit Management Concentration (Online)

#### Concentration Program

The concentration in Nonprofit Management requires a total of 18-credit hours. Students are required to take PBAD 2231 Introduction to Public Administration and then must complete four upper division courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBAD 2231</td>
<td>Introduction to Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 3631</td>
<td>Introduction to Nonprofit Management</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 3334</td>
<td>Introduction to Public and Nonprofit Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 3632</td>
<td>Social Entrepreneurship, Enterprise, and Innovation</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 3633</td>
<td>International Non-governmental Organizations</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 4232</td>
<td>Public Service Values and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 4331</td>
<td>Leadership &amp; Managerial Innovation</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 4332</td>
<td>Fund Development and Grant Writing for Nonprofits</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 4333</td>
<td>Strategic Management for Nonprofits</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 4431</td>
<td>Special Topics in Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PBAD 4791</td>
<td>Field Internship in Public Administration</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 18

### Women's Gender, and Sexuality Studies B.A.

#### Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
<td>-</td>
<td>42</td>
</tr>
<tr>
<td>Additional Requirements</td>
<td>-</td>
<td>4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>IDS 2000</td>
<td>Diaspora Studies</td>
<td>3</td>
</tr>
<tr>
<td>WGSS 2100</td>
<td>Introduction to Women's, Gender, and Sexuality Studies</td>
<td>3</td>
</tr>
<tr>
<td>WGSS 2200</td>
<td>Gender in Global Contexts</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language 1002</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language 2001</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>3 credit hours from Core Area C (Humanities, Arts, and Ethics)</td>
<td>-</td>
<td>3</td>
</tr>
</tbody>
</table>

| Major Requirements | - | 3           |
| HIST 3740 | Women & Gender in Amer Hist                       | 3           |
| SOCI 4332 | Sociology of Gender                               | 3           |
| WGSS 4700 | WGSS Internship                                   | 3           |
| WGSS 4900 | WGSS Junior/Senior Seminar                        | 3           |
| WGSS 5600 | Sociology of Gender                               | 3           |
| WGSS 5700 | Perspectives in Feminist Theory                   | 3           |

| Upper Division Requirements (3000 or above) | - | 6           |

### Arts and Humanities

Choose from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 4331</td>
<td>Gender, Media, and Representation</td>
<td>3</td>
</tr>
<tr>
<td>COMM 5025</td>
<td>Popular Culture Theory and Criticism</td>
<td>3</td>
</tr>
<tr>
<td>COMS 5333</td>
<td>Communication and Gender</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 5238</td>
<td>Irish Women Writers</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 5340</td>
<td>Literature by Women</td>
<td>3</td>
</tr>
<tr>
<td>FILM 5040</td>
<td>Women in Film</td>
<td>3</td>
</tr>
<tr>
<td>HIST 3236</td>
<td>History of Latinos/as in the United States</td>
<td>3</td>
</tr>
</tbody>
</table>
Other Degree Requirements

Exit Exam

Women's Gender, and Sexuality Studies Interdisciplinary Concentration

Concentration Program

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGSS 2100</td>
<td>Introduction to Women's, Gender, and Sexuality Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

An additional 15 credit hours of courses with significant Women's and Gender Studies dimension in at least two disciplines other than the major must be completed for a total of 18 credit hours. Courses may be selected from this list of courses below approved for the concentration. Other courses must be approved by the Director of the Women's and Gender Studies.

Select 15 credit hours from the following:  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 4332</td>
<td>Anthropology of Sex and Gender</td>
</tr>
<tr>
<td>POLS 3235</td>
<td>Women and Politics</td>
</tr>
<tr>
<td>ENGL 5340</td>
<td>Literature by Women</td>
</tr>
<tr>
<td>PSYC/INTS 3232</td>
<td>Psychology of Gender</td>
</tr>
<tr>
<td>SOCI 4332</td>
<td>Sociology of Gender</td>
</tr>
<tr>
<td>WGST 3137/ HIST 5240</td>
<td>Topics in U.S. Women's History</td>
</tr>
<tr>
<td>WGST 3333/ COMS 5333</td>
<td>Communication and Gender</td>
</tr>
<tr>
<td>WGST/PHIL 4130</td>
<td>Feminist Philosophy</td>
</tr>
<tr>
<td>WGST/COMM 4331</td>
<td>Gender, Media, and Representation</td>
</tr>
<tr>
<td>WGST/HIST 4335</td>
<td>Women and Gender in Europe</td>
</tr>
<tr>
<td>WGST/HIST/ AAST 4530</td>
<td>Revelation and Revolution</td>
</tr>
<tr>
<td>WGST 5131</td>
<td>Sex, Violence, and Culture</td>
</tr>
<tr>
<td>WGST 5633/ WRIT 5533</td>
<td>Writing the Body</td>
</tr>
</tbody>
</table>

Total Credit Hours 18

Advisement

If you have questions or need assistance, please speak with an advisor located at either of the following:

Armstrong Campus
Student Success Center
(912) 344-2673

Statesboro Campus
Newton Building
(912) 478-0233
### Women's, Gender, and Sexuality Studies Interdisciplinary Minor

**Minor Program**

Select three to six hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGSS 2100</td>
<td>Introduction to Women's, Gender, and Sexuality Studies</td>
<td>3-6</td>
</tr>
<tr>
<td>WGSS 2200</td>
<td>Gender In Global Contexts</td>
<td>3-6</td>
</tr>
</tbody>
</table>

Select nine to twelve hours from the following: (At least 9 credit hours must be from courses numbered 3000 or higher.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGSS 5700</td>
<td>Perspectives in Feminist Theory</td>
<td>3-6</td>
</tr>
<tr>
<td>WGSS 5600</td>
<td>Sociology of Gender</td>
<td>3-6</td>
</tr>
<tr>
<td>WGSS 4700</td>
<td>WGSS Internship</td>
<td>3-6</td>
</tr>
<tr>
<td>WGSS 4900</td>
<td>WGSS Junior/Senior Seminar</td>
<td>3-6</td>
</tr>
<tr>
<td>SOCI 4332</td>
<td>Sociology of Gender</td>
<td>3-6</td>
</tr>
<tr>
<td>HIST 3740</td>
<td>Women &amp; Gender in Amer Hist</td>
<td>3-6</td>
</tr>
</tbody>
</table>

**Arts and Humanities**

Choose from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 5333</td>
<td>Communication and Gender</td>
<td>3-6</td>
</tr>
<tr>
<td>COMS 5331</td>
<td>Communication and Conflict</td>
<td>3-6</td>
</tr>
<tr>
<td>ENGL 5238</td>
<td>Irish Women Writers</td>
<td>3-6</td>
</tr>
<tr>
<td>FILM 5040</td>
<td>Women in Film</td>
<td>3-6</td>
</tr>
<tr>
<td>COMM 5025</td>
<td>Popular Culture Theory and Criticism</td>
<td>3-6</td>
</tr>
<tr>
<td>HIST 4530</td>
<td>Revelation and Revolution</td>
<td>3-6</td>
</tr>
<tr>
<td>HIST 5138</td>
<td>The New South</td>
<td>3-6</td>
</tr>
<tr>
<td>HIST 4235</td>
<td>Tudor and Stuart Britain</td>
<td>3-6</td>
</tr>
<tr>
<td>HIST 4131</td>
<td>Biography and History</td>
<td>3-6</td>
</tr>
<tr>
<td>HIST 4335</td>
<td>Women and Gender in Europe</td>
<td>3-6</td>
</tr>
<tr>
<td>HIST 5240</td>
<td>Topics in Women and Gender in America</td>
<td>3-6</td>
</tr>
<tr>
<td>HIST 3236</td>
<td>History of Latinos/as in the United States</td>
<td>3-6</td>
</tr>
<tr>
<td>LING 3337</td>
<td>Language, Power, Politics</td>
<td>3-6</td>
</tr>
<tr>
<td>RELS 3235</td>
<td>Religion, Sex, and Gender</td>
<td>3-6</td>
</tr>
<tr>
<td>PHIL 4130</td>
<td>Feminist Philosophy</td>
<td>3-6</td>
</tr>
<tr>
<td>WGSS 5500</td>
<td>Topics in Women's Leadership</td>
<td>3-6</td>
</tr>
<tr>
<td>WGSS 5000</td>
<td>Topics in Women's, Gender, and Sexuality Studies</td>
<td>3-6</td>
</tr>
<tr>
<td>WGSS 4700</td>
<td>WGSS Internship</td>
<td>3-6</td>
</tr>
<tr>
<td>WGSS 3510</td>
<td>Gender, Violence And Society</td>
<td>3-6</td>
</tr>
<tr>
<td>WRIT 5590</td>
<td>Cultural Rhetorics</td>
<td>3-6</td>
</tr>
<tr>
<td>WRIT 5533</td>
<td>Writing the Body</td>
<td>3-6</td>
</tr>
<tr>
<td>WRIT 4570</td>
<td>Writing, Rhetoric, and Culture</td>
<td>3-6</td>
</tr>
<tr>
<td>WRIT 3435</td>
<td>Writing and Healing</td>
<td>3-6</td>
</tr>
<tr>
<td>WRIT 3030</td>
<td>Selected Topics in Writing</td>
<td>3-6</td>
</tr>
<tr>
<td>WRIT 2090</td>
<td>Selected Topics in Writing and Linguistics</td>
<td>3-6</td>
</tr>
</tbody>
</table>

**Behavioral and Social Sciences:**

Choose from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 3091</td>
<td>Selected Topics Anthropology</td>
<td>3-6</td>
</tr>
<tr>
<td>ANTH 4332</td>
<td>Anthropology of Sex and Gender</td>
<td>3-6</td>
</tr>
<tr>
<td>ANTH 4433</td>
<td>Anthropology of Language and Gender</td>
<td>3-6</td>
</tr>
<tr>
<td>ANTH 4332</td>
<td>Anthropology of Sex and Gender</td>
<td>3-6</td>
</tr>
<tr>
<td>CHFD 3232</td>
<td>Sexuality in Human Development</td>
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</tr>
<tr>
<td>CRJU 3535</td>
<td>Family Violence</td>
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<tr>
<td>CRJU 3733</td>
<td>Inequalities, Crime, and Justice</td>
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<tr>
<td>CRJU 3531</td>
<td>Victimology</td>
<td>3-6</td>
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<tr>
<td>POLS 3239</td>
<td>Human Rights in International Relations</td>
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<tr>
<td>POLS 3438</td>
<td>Gender and the Law</td>
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<td>POLS 3235</td>
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<td>PSYC 3232</td>
<td>Psychology of Gender</td>
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<tr>
<td>PSYC 3237</td>
<td>Psychology of Human Sexuality</td>
<td>3-6</td>
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<tr>
<td>SOCI 4338</td>
<td>Sport, Culture, and Society</td>
<td>3-6</td>
</tr>
<tr>
<td>SOCI 4231</td>
<td>Child Welfare and Family Services</td>
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</tr>
<tr>
<td>SOCI 4137</td>
<td>Social Movements</td>
<td>3-6</td>
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<tr>
<td>SOCI 3510</td>
<td>Introduction to LGBT Studies</td>
<td>3-6</td>
</tr>
<tr>
<td>SOCI 3510</td>
<td>Gender, Violence And Society</td>
<td>3-6</td>
</tr>
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<td>SOCI 3339</td>
<td>Sociology of Sexuality</td>
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</tr>
<tr>
<td>SOCI 4138</td>
<td>Sociology of the Family</td>
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<td>SOCI 4236</td>
<td>Social Services Counseling Skills</td>
<td>3-6</td>
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<tr>
<td>HIST 4530</td>
<td>Cultural Geography</td>
<td>3-6</td>
</tr>
<tr>
<td>HIST 4235</td>
<td>The New South</td>
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<tr>
<td>HIST 4335</td>
<td>Women and Gender in Europe</td>
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<tr>
<td>HIST 5240</td>
<td>Topics in Women and Gender in America</td>
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</tr>
<tr>
<td>HIST 3236</td>
<td>History of Latinos/as in the United States</td>
<td>3-6</td>
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<tr>
<td>LING 3337</td>
<td>Language, Power, Politics</td>
<td>3-6</td>
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<tr>
<td>RELS 3235</td>
<td>Religion, Sex, and Gender</td>
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<td>PHIL 4130</td>
<td>Feminist Philosophy</td>
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<tr>
<td>WGSS 5500</td>
<td>Topics in Women's Leadership</td>
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<tr>
<td>WGSS 5000</td>
<td>Topics in Women's, Gender, and Sexuality Studies</td>
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<tr>
<td>WGSS 4700</td>
<td>WGSS Internship</td>
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<tr>
<td>WGSS 3510</td>
<td>Gender, Violence And Society</td>
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<tr>
<td>WRIT 5590</td>
<td>Cultural Rhetorics</td>
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<td>WRIT 5533</td>
<td>Writing the Body</td>
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<tr>
<td>WRIT 4570</td>
<td>Writing, Rhetoric, and Culture</td>
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<tr>
<td>WRIT 3435</td>
<td>Writing and Healing</td>
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<tr>
<td>WRIT 3030</td>
<td>Selected Topics in Writing</td>
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</table>

### Public Health:

Choose from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>GEPH 6134</td>
<td>Human Sexuality</td>
<td>3-6</td>
</tr>
<tr>
<td>GEPH 6133</td>
<td>Women and Minority Health Issues</td>
<td>3-6</td>
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**Science and Mathematics:**

<table>
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</thead>
<tbody>
<tr>
<td>GEOG 5530</td>
<td>Cultural Geography</td>
<td>3-6</td>
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</tbody>
</table>

**Total Credit Hours:** 15

**Advisement**

If you have questions or need assistance, please speak with an advisor located at either of the following:

- **Armstrong Campus**
  - Student Success Center
  - (912) 344-2673

- **Statesboro Campus**
  - Newton Building
  - (912) 478-0233

**Secondary P-12 Education Programs**

Students who plan to seek teacher certification after completion of their undergraduate degree may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. Students interested in a Secondary Education (grades 6-12) certification in English, History, Political Science, and Writing and Linguistics or in P-12 (grades preschool-12) certification in Spanish should contact their departmental advisors or the College of Education Student Success Center for information related to content and certification requirements.

**NOTE:** GACE Program Admission Assessment and GACE Content Assessment examination and 2.5 cumulative GPA requirements must be met for certification program admission and should be considered during enrollment in the bachelor's program.
College of Behavioral and Social Sciences

Mission
The College of Behavioral and Social Sciences prepares students to achieve academic excellence, develop their analytical skills, enhance their creativity, and embrace their responsibilities as citizens of their communities, their nations, and the world.

Visit us at our website at cbss.georgiasouthern.edu

College Structure
• Department of Criminal Justice and Criminology (p. 95)
• Department of Political Science and International Studies (p. 99)
• Department of Psychology (p. 106)
• Department of Public and Nonprofit Studies (p. 110)
• Department of Sociology and Anthropology (p. 111)
• School of Human Ecology (p. 115)

Programs

 Majors
• Anthropology B.A. (p. 112)
• Child and Family Development B.S. (Concentration in Child Development) (p. 115)
• Child and Family Development B.S. (Concentration in Child Life) (p. 116)
• Child and Family Development B.S. (Concentration in Family Services) (p. 117)
• Child and Family Development B.S. Concentration in Birth-Kindergarten (Non-Certification Track) (p. 118)
• Criminal Justice and Criminology B.S. (Emphasis in Criminal Justice and Criminology) (p. 96)
• Criminal Justice and Criminology B.S. (Emphasis in Cybercrime) (p. 97)
• Fashion Merchandising and Apparel Design B.S. (Emphasis in Design) (p. 119)
• Fashion Merchandising and Apparel Design B.S. (Emphasis in Merchandising) (p. 119)
• Interior Design B.S. (p. 120)
• International Studies B.A. (p. 100)
• International Trade B.S. (p. 102)
• Law and Society B.A. (p. 103)
• Political Science B.A. (p. 104)
• Psychology B.A. (p. 108)
• Psychology B.S. (p. 109)
• Recreation B.S. (Emphasis in Outdoor Recreation) (p. 122)
• Recreation B.S. (Emphasis in Recreational Therapy) (p. 123)
• Recreation B.S. (Emphasis in Tourism and Community Leisure Services) (p. 123)
• Sociology B.S. (p. 114)

 Minors
• Anthropology Minor (p. 113)
• Applied Behavior Analysis Minor (p. 106)
• Asian Studies Minor (p. 100)
• Child and Family Development Minor (p. 118)
• Criminal Justice and Criminology Minor (p. 98)
• Cybercrime Minor (p. 99)
• Fashion Merchandising and Apparel Design Minor (p. 120)
• Gerontology Interdisciplinary Minor (p. 113)
• International Studies Interdisciplinary Minor (p. 101)
• Legal Studies Minor (p. 104)
• Mental Health Minor (p. 107)
• Neuroscience Minor (p. 107)
• Nonprofit Management Minor (p. 110)
• Organizational Psychology Minor (p. 107)
• Political Science Minor (p. 105)
• Psychology Minor (p. 110)
• Public Administration Minor (p. 111)
• Public Policy Minor (p. 111)
• Recreation and Tourism Management Minor (p. 122)
• Sociology Minor (p. 114)

 Certificates
• Applied Behavior Analysis Certificate (p. 106)

 Advising
Undergraduate students are advised by CBSS advisors. Students are assigned to an Academic Advisor based on the student’s declared major(s) and the student’s campus location. Visit the CBSS Advisement website at https://cbss.georgiasouthern.edu/advisement/ for more details.

Interim Dean: Dr. John Kraft
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Statesboro Campus
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FAX (912) 478-3000
jkraft@georgiasouthern.edu

Interim Associate Dean: Dr. Brenda Sims Blackwell
Veazey Hall, Suite 2000
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(912) 478-8641
FAX (912) 478-3000
bblackwell@georgiasouthern.edu

Interim Associate Dean: Dr. Daniel Skidmore-Hess
Solms Hall, 201B
Armstrong Campus
912-344-2532
danielskidmorehess@georgiasouthern.edu

Department of Criminal Justice and Criminology
The Department of Criminal Justice and Criminology provides a comprehensive examination of justice, crime, and the law. Our classes foster a broad understanding of the nature of justice, crime, and the law, in addition to the social, political, legal, philosophic, and historical context in which questions of justice are addressed, both in the United...
States and around the world. Students are expected to develop not only knowledge but a commitment to public service, ethical consciousness, and leadership abilities. Through the course work in Criminal Justice and Criminology, students are equipped to become proficient writers, critical and independent thinkers, and effective communicators. Graduates of the Department are prepared for graduate school, law school, and professions within the criminal justice system.

The Department recognizes that the issues of crime and justice are complex, controversial topics that are open to different interpretations. As such, we are committed to an open intellectual environment that encourages teaching, scholarship, and discussion from a diversity of theoretical perspectives and research methodologies. The curriculum of the Department reflects these values by offering a broad foundation of courses drawing on criminal justice, criminology, political science, sociology, public administration, and the law. The curriculum integrates these approaches to provide an understanding of the challenges of achieving justice in a complex society.

Students completing the B.S. degree in Criminal Justice & Criminology will be able to demonstrate the following abilities:

1. Evaluate the merits of competing theoretical perspectives used to explain the nature of crime and demonstrate an ability to apply criminological theories to specific types of crime;
2. Demonstrate an ability to apply ethical principles to criminal justice issues, policies, and practices, and evaluate their implications;
3. Explain the criminal justice process, the role of discretion among criminal justice actors, and evaluate best practices;
4. Compare and contrast the United States criminal justice system with that of other nations with an understanding of historical and cultural contexts;
5. Evaluate the historical, political, and social contexts and empirical support for a particular criminal justice policy area;
6. Demonstrate an understanding of the research process by both conducting original research and analyzing existing data.

Programs

Majors
- Criminal Justice and Criminology B.S. (Emphasis in Criminal Justice and Criminology) (p. 96)
- Criminal Justice and Criminology B.S. (Emphasis in Cybercrime) (p. 97)

Minors
- Criminal Justice and Criminology Minor (p. 98)
- Cybercrime Minor (p. 99)

Criminal Justice and Criminology B.S. (Emphasis in Criminal Justice and Criminology)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>General Requirements (Core Areas A - E)</td>
</tr>
<tr>
<td>4</td>
<td>Additional Requirements</td>
</tr>
<tr>
<td>18</td>
<td>Area F - Courses Appropriate to Major</td>
</tr>
</tbody>
</table>

| CRJU 1100 Introduction to Criminal Justice |

CRJU 2010 Universal Justice
CRJU 2210 Introduction to Policing
CRJU 2410 Introduction to Corrections
Select six credit hours from the following:  
CRJU 3110 Legal Process
CRJU 3120 Ethics in Criminal Justice
CRJU 3234 Research Methods
CRJU 3420 Applying Elementary Statistics in Justice and Crime Research
Select 3 credit hours from the following:  
CRJU 3233 Criminology
CRJU 3131 Criminal Law
CRJU 3133 Evidence and Procedure
Select 3 credit hours from the following:  
CRJU 4910 Senior Seminar CRJU & Criminology
CRJU 4792 Internship in Justice Studies
HONS 4610 Honors Research Seminar
Select 18 credit hours from the following:  
CRJU 3134 Digital Crime and Justice
CRJU 3334 Global Criminology
CRJU 3534 Drugs and Society
CRJU 3535 Family Violence
CRJU 3536 School Violence
CRJU 3538 Gender, Crime, and Justice
CRJU 3631 Crime and Justice in Public Policy
CRJU 3732 Conflict Resolution
CRJU 3733 Inequalities, Crime, and Justice
CRJU 3831 Popular Culture and Justice
CRJU 3931 Issues in Homeland Security
CRJU 4031 Community-Based Supervision and Treatment
CRJU 4092 Special Topics in Criminology
CRJU 4093 Special Topics in Criminal Justice
CRJU 4135 Directed Study in Criminal Justice and Criminology
CRJU 4137 Law, Justice, and Society
CRJU 4531 Comparative Justice Systems
CRJU 4532 Organized Crime in a Global Society
CRJU 4639 Inside-Out

Additional Requirements

<table>
<thead>
<tr>
<th>Area E</th>
<th>Courses Appropriate to Major</th>
</tr>
</thead>
</table>

| CRJU 1100 Introduction to Criminal Justice |

CRJU 2010 Universal Justice
CRJU 2210 Introduction to Policing
CRJU 2410 Introduction to Corrections
Select six credit hours from the following:  
CRJU 3110 Legal Process
CRJU 3120 Ethics in Criminal Justice
CRJU 3234 Research Methods
CRJU 3420 Applying Elementary Statistics in Justice and Crime Research
Select 3 credit hours from the following:  
CRJU 3233 Criminology
CRJU 3131 Criminal Law
CRJU 3133 Evidence and Procedure
Select 3 credit hours from the following:  
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CRJU 4792 Internship in Justice Studies
HONS 4610 Honors Research Seminar
Select 18 credit hours from the following:  
CRJU 3134 Digital Crime and Justice
CRJU 3334 Global Criminology
CRJU 3534 Drugs and Society
CRJU 3535 Family Violence
CRJU 3536 School Violence
CRJU 3538 Gender, Crime, and Justice
CRJU 3631 Crime and Justice in Public Policy
CRJU 3732 Conflict Resolution
CRJU 3733 Inequalities, Crime, and Justice
CRJU 3831 Popular Culture and Justice
CRJU 3931 Issues in Homeland Security
CRJU 4031 Community-Based Supervision and Treatment
CRJU 4092 Special Topics in Criminology
CRJU 4093 Special Topics in Criminal Justice
CRJU 4135 Directed Study in Criminal Justice and Criminology
CRJU 4137 Law, Justice, and Society
CRJU 4531 Comparative Justice Systems
CRJU 4532 Organized Crime in a Global Society
CRJU 4639 Inside-Out
**Criminal Justice and Criminology**  
**B.S. (Emphasis in Cybercrime)**

**Degree Requirements: 124 Credit Hours**

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CRJU 1100</td>
<td>Introduction to Criminal Justice</td>
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<tr>
<td>CRJU 2010</td>
<td>Universal Justice</td>
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</tr>
<tr>
<td>CRJU 2210</td>
<td>Introduction to Policing</td>
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</tr>
<tr>
<td>CRJU 2410</td>
<td>Introduction to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CRJU 3110</td>
<td>Legal Process</td>
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</tr>
<tr>
<td>CRJU 3120</td>
<td>Ethics in Criminal Justice</td>
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<td>CRJU 3233</td>
<td>Criminology</td>
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<tr>
<td>CRJU 3234</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>CRJU 3420</td>
<td>Applying Elementary Statistics in Justice and Crime Research</td>
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</tr>
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<td>CRJU 3263</td>
<td>Cyber Criminology</td>
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<td>CRJU 3264</td>
<td>Cyber Forensics</td>
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<td>CRJU 4792</td>
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<td>HONS 4610</td>
<td>Honors Research Seminar</td>
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<tr>
<td>CRJU 4910</td>
<td>Senior Seminar CRJU &amp; Crim</td>
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<tr>
<td>CRJU 5010</td>
<td>Introduction to Cybercrime</td>
<td>3</td>
</tr>
<tr>
<td>CRJU 5020</td>
<td>Applied Digital Forensics I</td>
<td>3</td>
</tr>
<tr>
<td>CRJU 5060</td>
<td>Special Topics in Cybercrime</td>
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<tr>
<td>CRJU 5360</td>
<td>Hackers, Malware, and Online Economic Crime</td>
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<tr>
<td>CRJU 5361</td>
<td>Cybercrimes against Persons and Society</td>
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<td>Criminal Law</td>
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<td>CRJU 3133</td>
<td>Evidence and Procedure</td>
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<td>CRJU 3134</td>
<td>Investigations</td>
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</tr>
<tr>
<td>CRJU 3160</td>
<td>Corporate Crime</td>
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</table>

**General Requirements (Core Areas A - E):** 42

**Additional Requirements:** 4

**Area F - Courses Appropriate to Major:** 18

**CRJU 1210** Introduction to Cybercrime 3

**CRJU 5010** Special Topics in Cybercrime 3

**CRJU 5360** Hackers, Malware, and Online Economic Crime 3

**CRJU 5361** Cybercrimes against Persons and Society 3

**Select three credit hours from the following:** 3

**CRJU 3134** Investigations 3

**CRJU 3160** Corporate Crime 3

---

**Social Science Multidisciplinary Electives**

Select six credit hours of upper division (3000 and above) social science and related courses 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CRJU 1210</td>
<td>Introduction to Cybercrime</td>
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<tr>
<td>CRJU 5010</td>
<td>Special Topics in Cybercrime</td>
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</tr>
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<td>CRJU 5360</td>
<td>Hackers, Malware, and Online Economic Crime</td>
<td>3</td>
</tr>
<tr>
<td>CRJU 5361</td>
<td>Cybercrimes against Persons and Society</td>
<td>3</td>
</tr>
</tbody>
</table>

**Select three credit hours from the following:** 3

**CRJU 3134** Investigations 3

**CRJU 3160** Corporate Crime 3

---

**Other Program Requirements**

A minimum grade of “C” is required for each Area F, CRJU, and multidisciplinary requirements course taken in the major. This applies to all courses (lower and upper division). If advisor recommends, one “D” allowed if matched by “B” or higher in another course in the major.

**Internship**

Students may take three, six, or nine credit hours of Internship. For internships over three credit hours, students may utilize up to six credit hours to count towards fulfilling the Upper Division Criminal Justice and Criminology Electives requirement, while three credit hours may be counted towards the Free Electives requirement. Students must work with their advisor to determine the placement of these hours.

**Honors in Criminal Justice and Criminology**

To graduate with Honors in Criminal Justice and Criminology, a student must:

- be admitted to the University Honors Program;
- successfully complete the Honors Research Seminar (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

**Advisement**

All Criminal Justice and Criminology majors, including students in the UHP, are advised by an advisor assigned to the major.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>CRJU 3170</td>
<td>Criminal Justice Admin</td>
</tr>
<tr>
<td>CRJU 3431</td>
<td>Juvenile Justice</td>
</tr>
<tr>
<td>CRJU 3432</td>
<td>Gangs and Society</td>
</tr>
<tr>
<td>CRJU 3531</td>
<td>Victimology</td>
</tr>
<tr>
<td>CRJU 3534</td>
<td>Drugs and Society</td>
</tr>
<tr>
<td>CRJU 3535</td>
<td>Family Violence</td>
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<td>CRJU 3536</td>
<td>School Violence</td>
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<td>CRJU 3538</td>
<td>Gender, Crime, and Justice</td>
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<tr>
<td>CRJU 3631</td>
<td>Crime and Justice in Public Policy</td>
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<td>CRJU 3733</td>
<td>Inequalities, Crime, and Justice</td>
</tr>
<tr>
<td>CRJU 3831</td>
<td>Popular Culture and Justice</td>
</tr>
<tr>
<td>CRJU 3931</td>
<td>Issues in Homeland Security</td>
</tr>
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<td>CRJU 4031</td>
<td>Community-Based Supervision and Treatment</td>
</tr>
<tr>
<td>CRJU 4092</td>
<td>Special Topics in Criminology</td>
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<td>CRJU 4093</td>
<td>Special Topics in Criminal Justice</td>
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<tr>
<td>CRJU 4135</td>
<td>Directed Study in Criminal Justice and Criminology</td>
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<tr>
<td>CRJU 4137</td>
<td>Law, Justice, and Society</td>
</tr>
<tr>
<td>CRJU 4531</td>
<td>Comparative Justice Systems</td>
</tr>
<tr>
<td>CRJU 4532</td>
<td>Organized Crime in a Global Society</td>
</tr>
<tr>
<td>CRJU 4639</td>
<td>Inside-Out</td>
</tr>
<tr>
<td>CRJU 4792</td>
<td>Internship in Justice Studies</td>
</tr>
</tbody>
</table>

**Technology and Social Science Multidisciplinary Electives**

Select six credit hours of upper division technology and/or social science/related courses.  

**Electives**

Select 12 credit hours of free Electives.

Total Credit Hours  

1. Select an additional course if CRJU 2010 was taken and utilized to satisfy Area B.  
2. Students may take STAT 1401 as a substitute for this course.  
3. The Criminal Justice and Criminology Track is offered on both the Armstrong and Statesboro campuses. However, the Cybercrime Track currently is available only on the Armstrong campus (while some courses may be taken on the Statesboro campus).  
4. Not all electives are offered on each campus.  
5. Students are strongly encouraged to take Corporate Crime (CRJU 3160), Comparative Justice Systems (CRJU 4531), and Issues in Homeland Security (CRJU 3931) when possible.  
6. Students enrolled in the Cybercrime Track are encouraged to take upper division technology courses from IT, computer science, and LSTD. Social science and related courses may include courses from Sociology, Anthropology, Political Science, Public Administration, International Studies, and Legal Studies. History and philosophy courses and other courses also may be included. Course selection should be done in consultation with the student’s major advisor.

**Other Program Requirements**

A minimum grade of “C” is required for each Area F, CRJU, and multidisciplinary requirements course taken in the major. This applies to all courses (lower and upper division). If advisor recommends, one “D” allowed if matched by “B” or higher in another course in the major.

**Internship**

Students may take three, six, or nine credit hours of Internship. For internships over three credit hours, students may utilize up to six credit hours to count towards fulfilling the Upper Division Criminal Justice and Criminology Electives requirement, while three credit hours may be counted towards the Free Electives requirement. Students must work with their advisor to determine the placement of these hours.

**Honors in Criminal Justice and Criminology**

To graduate with Honors in Criminal Justice and Criminology, a student must:

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

**Advisement**

All Criminal Justice and Criminology majors, including students in the UHP, are advised by an advisor assigned to the major.

**Criminal Justice and Criminology Minor**

**Contact**

Chair, Department of Criminal Justice and Criminology

**Prerequisite(s)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJU 1100</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
</tbody>
</table>

**Minor Program**

Select 12 credit hours from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJU 3233</td>
<td>Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CRJU 3110</td>
<td>Legal Process</td>
<td></td>
</tr>
<tr>
<td>CRJU 3120</td>
<td>Ethics in Criminal Justice</td>
<td></td>
</tr>
<tr>
<td>CRJU 3234</td>
<td>Research Methods</td>
<td></td>
</tr>
<tr>
<td>CRJU 3420</td>
<td>Applying Elementary Statistics in Justice and Crime Research</td>
<td></td>
</tr>
<tr>
<td>CRJU 3131</td>
<td>Criminal Law</td>
<td></td>
</tr>
<tr>
<td>CRJU 3133</td>
<td>Evidence and Procedure</td>
<td></td>
</tr>
<tr>
<td>CRJU 3134</td>
<td>Investigations</td>
<td></td>
</tr>
<tr>
<td>CRJU 3160</td>
<td>Corporate Crime</td>
<td></td>
</tr>
<tr>
<td>CRJU 3170</td>
<td>Criminal Justice Admin</td>
<td></td>
</tr>
<tr>
<td>CRJU 3263</td>
<td>Cyber Criminology</td>
<td></td>
</tr>
<tr>
<td>CRJU 3431</td>
<td>Juvenile Justice</td>
<td></td>
</tr>
<tr>
<td>CRJU 3432</td>
<td>Gangs and Society</td>
<td></td>
</tr>
<tr>
<td>CRJU 3531</td>
<td>Victimology</td>
<td></td>
</tr>
<tr>
<td>CRJU 3534</td>
<td>Drugs and Society</td>
<td></td>
</tr>
<tr>
<td>CRJU 3535</td>
<td>Family Violence</td>
<td></td>
</tr>
<tr>
<td>CRJU 3536</td>
<td>School Violence</td>
<td></td>
</tr>
<tr>
<td>CRJU 3538</td>
<td>Gender, Crime, and Justice</td>
<td></td>
</tr>
<tr>
<td>CRJU 3631</td>
<td>Crime and Justice in Public Policy</td>
<td></td>
</tr>
<tr>
<td>CRJU 3732</td>
<td>Conflict Resolution</td>
<td></td>
</tr>
<tr>
<td>CRJU 3733</td>
<td>Inequalities, Crime, and Justice</td>
<td></td>
</tr>
</tbody>
</table>
The Department of Political Science and International Studies fosters the development of civically-engaged students who will become productive citizens dedicated to serving their communities, their nations, and the world. Classes in the department focus on inculcating in students a core understanding of politics, intellectual curiosity, a global consciousness, and a spirit for community activism. Students are provided with research and community service opportunities, public service internships, as well as study abroad experiences.

The degree programs in Political Science and International Studies (B.A. International Studies, B.A. Political Science, B.S. International Trade) prepare students for active citizenship by preparing them for professional careers in government, inter-governmental and non-governmental organizations, business, studies in law, political science, and public policy. Graduates of the degree programs in Political Science and International Studies will become life-long learners as they become cognizant of the institutions and processes of governance and the policies and historical and current events that shape their lives.

Upon completion of the **B.A. in Political Science**, graduates will be able to:

1. Delineate the theoretical and methodological differences between the subfields of political science, i.e., American Politics, Comparative Politics, International Relations, Political Theory, and Public Policy.
2. Utilize appropriate nomenclature of the various subfields in Political Science when discussing and writing.
3. Demonstrate an ability to distinguish between the political processes of different forms of government in both the international and domestic realm.
4. Recognize the underlying cultural, societal, philosophical, and political factors which have led to the policies found in the United States and different countries around the world.
5. Demonstrate an ability to think critically by utilizing appropriate theoretical constructs in both qualitative and quantitative research projects.
6. Incorporate appropriate methodologies into narratives which add to the ability to both analyze and explain political events and public policies.
7. Demonstrate an ability to write with both clarity and precision by utilizing key phrasing relevant to the study of political science.
8. Participate in discipline-specific activities which will further career goals in the graduate’s field of study.

The **B.A. in International Studies** is a challenging major designed to provide an undergraduate, interdisciplinary social science background for careers both inside and outside the United States. Students majoring in International Studies become highly proficient in understanding global affairs through a variety of means:

1. The study of the culture, history, and political economy of regions outside the United States; and
2. The acquisition of a high level of proficiency in a second language; and
3. Direct experience of another culture by studying or working abroad.

The **B.S. International Trade** is a professional degree designed to provide an interdisciplinary business background for careers outside the United States or in international businesses and agencies within the U.S. The degree requires completion of a prescribed course of study and an internship overseas or with a business or institution having an international component in the United States. The purpose of this internship is to immerse the student in the professional practices within the culture and in the language which has been studied for the required foreign language minor.

### Programs

#### Majors

- International Studies B.A. (p. 100)
- International Trade B.S. (p. 102)
• Law and Society B.A. (p. 103)
• Political Science B.A. (p. 104)

Minors
• Asian Studies Minor (p. 100)
• International Studies Interdisciplinary Minor (p. 101)
• Legal Studies Minor (p. 104)
• Political Science Minor (p. 105)

Asian Studies Minor

Contact
Chair, Department of Political Science and International Studies
Carroll Building
(912) 478-5698

Minor Program

All courses in the minor also require a C or better.

INTS 2130 Introduction to International Studies 3

Additional Credits
Must include 12 additional credits from the following, and may not include more than six credits numbered 3000 or above from a single discipline

Three courses selected from:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>ENGL XXXX</td>
<td>Literature of the Non-Western World</td>
<td></td>
</tr>
<tr>
<td>HIST 3200</td>
<td>Traditional China</td>
<td></td>
</tr>
<tr>
<td>HIST 3532</td>
<td>The Modern Middle East</td>
<td></td>
</tr>
<tr>
<td>HIST 3534</td>
<td>Modern Southeast Asia</td>
<td></td>
</tr>
<tr>
<td>HIST 5243</td>
<td>Topics in Asian History</td>
<td></td>
</tr>
<tr>
<td>HIST 5532</td>
<td>Modern China</td>
<td></td>
</tr>
<tr>
<td>POLS 3132</td>
<td>Asian Politics</td>
<td></td>
</tr>
<tr>
<td>POLS 4240</td>
<td>Asian Regional Security</td>
<td></td>
</tr>
<tr>
<td>POLS 4410</td>
<td>Asia and the United States</td>
<td></td>
</tr>
<tr>
<td>POLS 4460</td>
<td>Politics of East Asia</td>
<td></td>
</tr>
<tr>
<td>POLS 4560</td>
<td>Comparative Foreign Policy</td>
<td></td>
</tr>
<tr>
<td>POLS 4570</td>
<td>Politics and Security in Southwest Asia</td>
<td></td>
</tr>
</tbody>
</table>

One course selected from:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1150</td>
<td>Prin of Macroeconomics by WC</td>
<td></td>
</tr>
<tr>
<td>ENGL 5200</td>
<td>Postcolonial Literature</td>
<td></td>
</tr>
<tr>
<td>WGSS 2200</td>
<td>Gender In Global Contexts</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 15

Program Requirements

All department majors must earn a C or better in all courses required in the program, including courses used to complete Area F in the core and Related Field Courses. All majors are required to take an exit examination (the Major Field Test for their respective field) prior to graduation.

International Studies B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses (p. 250) in Area A1 through Area E.

The Bachelor of Arts program in International Studies is designed to provide students with a basic knowledge of world affairs and how they affect U.S. foreign and domestic policies. One of the main objectives of this program is to prepare students to cope realistically and intelligently with the changing world, a world which is becoming increasingly interdependent and in which vast new multiplications of cultural forces are emerging.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>INTS 2130</td>
<td>Introduction to International Studies</td>
</tr>
<tr>
<td></td>
<td>INTS 2630</td>
<td>Research Methods in International Studies</td>
</tr>
<tr>
<td></td>
<td>STAT 1401</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td></td>
<td>ANTH 1102</td>
<td>Introduction to Anthropology</td>
</tr>
<tr>
<td></td>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td></td>
<td>GEOG 1130</td>
<td>World Regional Geography</td>
</tr>
<tr>
<td></td>
<td>PHIL 2010</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td></td>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td></td>
<td>RELS 2130</td>
<td>Introduction to Religious Studies</td>
</tr>
<tr>
<td></td>
<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
</tr>
</tbody>
</table>

Major Requirements 1

International Studies Core:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>INTS 3130</td>
<td>Contemporary World Cultures</td>
</tr>
<tr>
<td></td>
<td>INTS 3230</td>
<td>Global Issues</td>
</tr>
<tr>
<td></td>
<td>INTS 4600</td>
<td>Seminar in International Studies</td>
</tr>
</tbody>
</table>

Twenty-seven (27) credit hours within the major will be used to fulfill the emphasis requirements. Students will choose five courses from one of the three topical emphases, and one course each from two of the four regional emphases, and one course from the theory emphasis. 2

Topical Emphasis - Select one area 15

1. Development, Aid, and Sustainability
2. Security, Conflict, and Diplomacy
3. Societies, Cultures, and Traditions

Regional Emphasis - Select two areas 9

1. Asia
2. Africa
3. Latin America
4. Europe

Theory Emphasis 3

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>INTS 2130</td>
<td>Contemporary World Cultures</td>
</tr>
<tr>
<td></td>
<td>INTS 3230</td>
<td>Global Issues</td>
</tr>
</tbody>
</table>

Select 15 credit hours of foreign language 15

Electives or Internship

Select 9 credit hours of Electives or Internship 9

Total Credit Hours 124

1 Note: Students must earn a minimum grade of “C” in all INTS designated courses and all courses within the major requirements.

2 The list for Topical, Regional, and Theory Emphases are available in the Center for International Studies in the Forest Drive Building.

Note: Students must earn a minimum grade of “C” in all INTS designated courses and all courses within the major requirements.
Honors in International Studies
To graduate with Honors in International Studies, a student must:
• be admitted to the University Honors Program;
• successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters;
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Advisement
Ann Price
CBSS Advisement Center
Carroll Building 2244
(912) 478-1365

International Studies Interdisciplinary Concentration
Concentration Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTS 3130</td>
<td>Contemporary World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>INTS 3230</td>
<td>Global Issues</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>An additional 12 credit hours of upper division courses with significant international dimension from three different disciplines must be completed for a total of 18 credit hours. The three additional 12 elective credit hours must be selected from the list of courses approved by the International Studies Curriculum Committee.</td>
<td>12</td>
</tr>
</tbody>
</table>

Total Credit Hours 18

Copies of the list of approved courses are available through the Department of Political Science & International Studies.

International Studies Interdisciplinary Minor
Contact
Chair, Department of Political Science and International Studies
Carroll Building
(912) 478-5698

Prerequisite(s)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTS 2130</td>
<td>Introduction to International Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 3

Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTS 3130</td>
<td>Contemporary World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>INTS 3230</td>
<td>Global Issues</td>
<td>3</td>
</tr>
</tbody>
</table>

An additional 9 credit hours of courses with significant International Studies dimension in at least two disciplines other than the major must be completed for a total of 15 credit hours. Courses may be selected from the list of courses below approved for the minor. Other courses must be approved by the director of the International Studies Interdisciplinary Minor.

On a regular basis, students pursuing the minor in International Studies should consult with the Director of the International Studies Interdisciplinary minor.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 3332</td>
<td>European Cultures</td>
</tr>
<tr>
<td>ANTH 3333</td>
<td>Native Peoples of North America</td>
</tr>
<tr>
<td>ANTH 3431</td>
<td>Linguistic Anthropology</td>
</tr>
<tr>
<td>ANTH 4331</td>
<td>Anthropology and Human Problems</td>
</tr>
<tr>
<td>ANTH 4332</td>
<td>Anthropology of Sex and Gender</td>
</tr>
<tr>
<td>ANTH 4334</td>
<td>Ethnographic Methods</td>
</tr>
<tr>
<td>ANTH 4433</td>
<td>Anthropology of Language and Gender</td>
</tr>
<tr>
<td>ARAB 3030</td>
<td>Selected Topics in Arabic</td>
</tr>
<tr>
<td>ARTH 3534</td>
<td>19th Century Art</td>
</tr>
<tr>
<td>ARTH 4531</td>
<td>Contemporary Art</td>
</tr>
<tr>
<td>ARTH 4830</td>
<td>Art History Research</td>
</tr>
<tr>
<td>CHIN 3030</td>
<td>Selected Topics in Chinese</td>
</tr>
<tr>
<td>ECON 3132</td>
<td>International Trade</td>
</tr>
<tr>
<td>ECON 3232</td>
<td>International Macroeconomics</td>
</tr>
<tr>
<td>ECON 4431</td>
<td>Economic Development</td>
</tr>
<tr>
<td>FINC 3133</td>
<td>International Finance</td>
</tr>
<tr>
<td>FREN 3195</td>
<td>Studies Abroad: Language</td>
</tr>
<tr>
<td>FREN 3395</td>
<td>Studies Abroad: Culture</td>
</tr>
<tr>
<td>FREN 4030</td>
<td>Selected Topics in French</td>
</tr>
<tr>
<td>FREN 4330</td>
<td>Contemporary France</td>
</tr>
<tr>
<td>GEOG 3330</td>
<td>Weather and Climate</td>
</tr>
<tr>
<td>GEOG/LAST 4232</td>
<td>Geography of Latin America</td>
</tr>
<tr>
<td>GEOG 4233</td>
<td>Geography of Asia</td>
</tr>
<tr>
<td>GEOG 4330</td>
<td>Geography of Africa South of the Sahara</td>
</tr>
<tr>
<td>GEOG 4430</td>
<td>Geography of Europe</td>
</tr>
<tr>
<td>GEOG 5231</td>
<td>Economic Geography</td>
</tr>
<tr>
<td>GRMN 3030</td>
<td>Selected Topics in German</td>
</tr>
<tr>
<td>GRMN 3330</td>
<td>German Language and Society</td>
</tr>
<tr>
<td>GRMN 4030</td>
<td>Selected Topics in German</td>
</tr>
<tr>
<td>GRMN 4330</td>
<td>German Culture and Civilization</td>
</tr>
<tr>
<td>HIST 3136</td>
<td>US Foreign Relations since World War I</td>
</tr>
<tr>
<td>HIST/INTS 3338</td>
<td>Contemporary Europe</td>
</tr>
<tr>
<td>HIST 3431</td>
<td>Modern Britain: 1485 to the Present</td>
</tr>
<tr>
<td>HIST 3432</td>
<td>Modern Germany</td>
</tr>
<tr>
<td>HIST/INTS 3532</td>
<td>The Modern Middle East</td>
</tr>
<tr>
<td>HIST 3536</td>
<td>Russia to 1917</td>
</tr>
<tr>
<td>HIST/LAST 3537</td>
<td>Colonial Latin America</td>
</tr>
<tr>
<td>HIST/LAST 3538</td>
<td>Latin America since Independence</td>
</tr>
<tr>
<td>HIST/LAST 4133</td>
<td>US Foreign Relations: The Cold War</td>
</tr>
<tr>
<td>HIST/WGST 4335</td>
<td>Women and Gender in Europe</td>
</tr>
</tbody>
</table>
International Trade B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses (p. 250) in Area A1 through Area E.

The B.S. in International Trade is a professional degree designed to provide an interdisciplinary business background for careers outside the United States or in international businesses and agencies within the U.S. The degree includes an internship designed to immerse the student in professional practice within the culture and language which has been studied for the required foreign language minor.

Courses approved for the International Studies Interdisciplinary Minor can be obtained in the Department of Political Science & International Studies. On a regular basis, students pursuing the Minor in International Studies should consult with the Director of the International Studies program.

Total Credit Hours 15

International Public Relations
Introduction to Asian Religions
Introduction to Hinduism
Introduction to Islam
The Muslim World Since Genghis Khan
Religion and Politics
Conversation, Composition, Culture: South America
Conversation, Composition, Culture: Mexico and Central America
Conversation, Composition, Culture: The Caribbean
Conversation, Composition, Culture: Spain
Conversation, Composition, Culture: Latino USA
Introduction to Spanish for the Professions
Spanish American Life, Literature, and Thought
Peninsular Life, Literature, and Thought
Advanced Spanish for the Professions
ECON 3132 & ECON 3232
International Trade and International Macroeconomics

FING 3131 & FING 3133
Principles of Corporate Finance and International Finance

GEOG 5231 & GEOG 3440
Economic Geography and Introduction to GIS and Cartography

LOGT 2232 & LOGT 4232
Introduction to Supply Chain Management and International Supply Chain Systems

MKTG 3131 & MKTG 4136
Principles of Marketing and International Marketing

International Studies Core
INTS 3130
Contemporary World Cultures 3

INTS 3230
Global Issues 3

POLS 4133
International Political Economy 3

Minor (Must be in a Foreign Language)
Appropriate 3530 Foreign Language course 3

Four additional Foreign Language courses at the 3000 and 4000 level 12

Internship
Internship abroad with an international business using a foreign language on the job. Intensive study of language and culture in a total immersion environment 9

Electives
Select 6 credit hours of advisor approved Electives 6

Total Credit Hours 124

Program Progression Requirements
Students must earn a minimum grade of "C" in all INTS designated courses and all courses within the major requirements.

Advisement
Ann Price
CBSS Advisement Center
Carroll Building 2244
(912) 478-1365

Law and Society B.A.

Degree Requirements: 124 Credit Hours

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
</tr>
<tr>
<td>Additional Requirements</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>STAT 1401 Elementary Statistics</td>
</tr>
<tr>
<td>POLS 2101 Introduction to Political Science</td>
</tr>
<tr>
<td>COMM 1110 Public Speaking</td>
</tr>
<tr>
<td>or CRJU 1130</td>
</tr>
<tr>
<td>A second Ethics and Values course at the 1000 or 2000 level</td>
</tr>
<tr>
<td>Select two introductory (1000 and 2000 level) courses from the following list, if not taken to satisfy Core Area E:</td>
</tr>
<tr>
<td>ANTH 1102 Introduction to Anthropology</td>
</tr>
<tr>
<td>CRJU 1100 Introduction to Criminal Justice</td>
</tr>
</tbody>
</table>

ECON 1101 Survey of Economics
ECON 1150 Prin of Macroeconomics by WC
ECON 2105 Principles of Macroeconomics
ECON 2106 Principles of Microeconomics
GEOG 1101 Introduction to Human Geography
PHIL 2010 Introduction to Philosophy
PSYC 1101 Introduction to Psychology
SOCI 1101 Introduction to Sociology
POLS 1150 World Politics
WGSS 2100 Introduction to Women's, Gender, and Sexuality Studies

Major Requirements
Required courses (take all)
An upper level Social Science (CRJU, POLS, SOCI, ANTH, PSYC) Research Methods course 3
POLS 3532 Political and Social Aspects of Law 3
POLS 3150
LWSO 2000 Intro to Law and Society 3
WRIT 4560 Writing Argument 3
WRIT 4570 Writing, Rhetoric, and Culture 3

Concentrations
Select six courses from one of the following 18

Concentrations 1
Government and Judicial Studies Concentration:
CRJU 3160 Corporate Crime
CRJU 3170 Criminal Justice Admin
CRJU 4135 Directed Study in Criminal Justice and Criminology
HSCC 3110 Legal Iss in Hlth Care Environ
HIST 5240 Topics in Women and Gender in America
POLS 3101 Moot Court I
POLS 3102 Moot Court II
POLS 3137 Judicial Politics
POLS 3139 Constitutional Law: Civil Liberties and Civil Rights
POLS 3235 Women and Politics
POLS 4138 International Terrorism
POLS 4190 Environmental Laws and Regulations

Human Behavior and Law Concentration:
ANTH 4332 Anthropology of Sex and Gender
CRJU 3160 Corporate Crime
CRJU 3233 Criminology
CRJU 3431 Juvenile Justice
WGSS 5000 Topics in Women's, Gender, and Sexuality Studies
HSCC 3130 Health Policy Issues
PSYC 3101 Abnormal Psychology
PSYC 3106 Social Psychology
PSYC 3170 Human Resource Development Skills
PSYC 3234 Industrial/Organizational Psychology
PSYC 3335 Personality Psychology
PSYC 4170 Women and Mental Health
SOCI 3235 Race and Ethnicity
SOCI 3333 Deviance
SOCI 3336 Social Problems
SOCI 3510 Gender, Violence And Society

Social Theory and Philosophy Concentration:
Legal Studies Minor

**Program Requirements**

All department majors must earn a C or better in all courses required in the program, including courses used to complete Area F in the core and Related Field Courses. All majors are required to take an exit examination (the Major Field Test for their respective field) prior to graduation. All courses in the minor also require a C or better.

### Political Science B.A.

#### Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

#### General Requirements (Core Areas A - E)

- Foreign Language 2001 - Intermediate I
- Foreign Language 2002 - Intermediate II
- PHIL 2010 Introduction to Philosophy
- POLS 2101 Introduction to Political Science
- POLS 2130 Introduction to Political Analysis

Select one of the following. If any of the above are taken to satisfy Areas C-E, also select from the following:

- ANTH 1102 Introduction to Anthropology
- ECON 2106 Principles of Microeconomics
- GEOG 1130 World Regional Geography
- PSYC 1101 Introduction to Psychology
- SOCI 1101 Introduction to Sociology
- STAT 1101 Elementary Statistics

#### Additional Requirements (Area F - Courses Appropriate to Major)

- 18 Credit Hours

#### Major Requirements

- 32 Credit Hours

Select one course from each emphasis:

**American Politics:**
- POLS 3135 Legislative Behavior
- POLS 3136 The Presidency
- POLS 3137 Judicial Politics
- POLS 3138 Constitutional Law: Government Powers
- POLS 3139 Constitutional Law: Civil Liberties and Civil Rights

**Comparative Politics:**
- POLS 3233 Politics and The Media
- POLS 3330 State and Local Government
- POLS 3331 Introduction to Bureaucratic Politics
- POLS 3332 Political Parties and Elections
- POLS 4131 Introduction to Public Affairs
- POLS 4190 Environmental Laws and Regulations

**International Politics:**
- POLS 3234 Seminar in Comparative Politics
- POLS 3339 Seminar in International Relations
- POLS 3633 Seminar in International Organizations

- 18 Credit Hours

#### Credit Hours

<table>
<thead>
<tr>
<th>Component</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
<td>42</td>
</tr>
<tr>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>18</td>
</tr>
<tr>
<td>Major Requirements</td>
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### Minor

**Requirements**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>POLS 3139</td>
<td>Constitutional Law: Civil Liberties and Civil Rights</td>
<td>3</td>
</tr>
<tr>
<td>POLS 3532</td>
<td>Political and Social Aspects of Law</td>
<td>3</td>
</tr>
</tbody>
</table>

Select any four of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCC 3110</td>
<td>Legal Iss In Hlth Care Environ</td>
<td>3</td>
</tr>
<tr>
<td>POLS 3137</td>
<td>Judicial Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 3138</td>
<td>Constitutional Law: Government Powers</td>
<td>3</td>
</tr>
<tr>
<td>POLS 3232</td>
<td>Philosophy of Law</td>
<td>3</td>
</tr>
<tr>
<td>POLS 3239</td>
<td>Human Rights in International Relations</td>
<td>3</td>
</tr>
<tr>
<td>POLS 3338</td>
<td>Language and Law</td>
<td>3</td>
</tr>
<tr>
<td>POLS 3438</td>
<td>Gender and the Law</td>
<td>3</td>
</tr>
<tr>
<td>POLS 3551</td>
<td>Introduction to United Nations</td>
<td>3</td>
</tr>
<tr>
<td>POLS 4134</td>
<td>International Law and Diplomacy</td>
<td>3</td>
</tr>
<tr>
<td>POLS 4135</td>
<td>International Organizations</td>
<td>3</td>
</tr>
<tr>
<td>POLS 4190</td>
<td>Environmental Laws and Regulations</td>
<td>3</td>
</tr>
<tr>
<td>POLS 4438</td>
<td>Legal Reasoning and Writing</td>
<td>3</td>
</tr>
<tr>
<td>POLS 4440</td>
<td>Immigration Law and Policy</td>
<td>3</td>
</tr>
<tr>
<td>POLS 4520</td>
<td>Comparative Judicial Systems</td>
<td>3</td>
</tr>
<tr>
<td>POLS 4583</td>
<td>Theories Of Justice</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 18

**Advisement**

Ann Price
CBSS Advisement Center
Carroll Building 2244
(912) 478-1365

---

**Legal Studies Minor**

**Contact**

Chair, Department of Political Science and International Studies
Carroll Building
(912) 478-5698

---

**Minor**

**Requirements**

Select 15 credit hours of any 3000 or above level courses:

Select 9 credit hours of Free Electives:

Total Credit Hours: 121

Note: Check with Program Coordinator for other courses available for these concentrations.
Option 1: Students may elect an emphasis by taking four courses (12 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>POLS 3234</td>
<td>Introduction to the European Union</td>
</tr>
<tr>
<td>POLS 3236</td>
<td>International Relations</td>
</tr>
<tr>
<td>POLS 3239</td>
<td>Human Rights in International Relations</td>
</tr>
<tr>
<td>POLS 3530</td>
<td>Global Environmental Politics</td>
</tr>
<tr>
<td>POLS 3551</td>
<td>Introduction to United Nations</td>
</tr>
<tr>
<td>POLS 4132</td>
<td>U.S. Foreign Policy</td>
</tr>
<tr>
<td>POLS 4133</td>
<td>International Political Economy</td>
</tr>
<tr>
<td>POLS 4134</td>
<td>International Law and Diplomacy</td>
</tr>
<tr>
<td>POLS 4135</td>
<td>International Organizations</td>
</tr>
<tr>
<td>POLS 4138</td>
<td>International Terrorism</td>
</tr>
<tr>
<td>POLS 4238</td>
<td>International Conflict</td>
</tr>
<tr>
<td>POLS 4240</td>
<td>Asian Regional Security</td>
</tr>
<tr>
<td>POLS 4510</td>
<td>National Security of the Developing South</td>
</tr>
<tr>
<td>POLS 4550</td>
<td>Insurgency and Civil War</td>
</tr>
<tr>
<td>POLS 4570</td>
<td>Politics and Security in Southwest Asia</td>
</tr>
<tr>
<td>POLS 4580</td>
<td>Violent Non-State Actors</td>
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Political Theory:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>POLS 3230</td>
<td>Modern Political Thought</td>
</tr>
<tr>
<td>POLS 3336</td>
<td>Ancient Political Thought</td>
</tr>
<tr>
<td>POLS 3340</td>
<td>Pol &amp; Ideol/Contemporary Euro</td>
</tr>
<tr>
<td>POLS 3350</td>
<td>Classics Of Political Thought</td>
</tr>
<tr>
<td>POLS 4130</td>
<td>American Political Thought</td>
</tr>
<tr>
<td>POLS 4139</td>
<td>Contemporary Political Thought</td>
</tr>
<tr>
<td>POLS 4300</td>
<td>Religion &amp; Political Thought</td>
</tr>
<tr>
<td>POLS 4330</td>
<td>Liberalism and the Modern State</td>
</tr>
<tr>
<td>POLS 4530</td>
<td>Marxism, Socialism, and Democracy</td>
</tr>
<tr>
<td>POLS 4534</td>
<td>Feminist Political Thought</td>
</tr>
</tbody>
</table>

Students may select one of the following two options (12 credit hours):

Option 1: Students may elect an emphasis by taking four (4) additional courses (12 credit hours) from any one area of study above, plus a senior seminar in the corresponding emphasis area, or students interested in legal studies may select four courses (12 credit hours) from the list of classes below for an emphasis in Legal Studies.

Legal Studies:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 3101</td>
<td>Moot Court I</td>
</tr>
<tr>
<td>POLS 3102</td>
<td>Moot Court II</td>
</tr>
<tr>
<td>POLS 3137</td>
<td>Judicial Politics</td>
</tr>
<tr>
<td>POLS 3138</td>
<td>Constitutional Law: Government Powers</td>
</tr>
<tr>
<td>POLS 3139</td>
<td>Constitutional Law: Civil Liberties and Civil Rights</td>
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</tbody>
</table>

Political Science Electives:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 3232</td>
<td>Philosophy of Law</td>
</tr>
<tr>
<td>POLS 3239</td>
<td>Human Rights in International Relations</td>
</tr>
<tr>
<td>POLS 3338</td>
<td>Language and Law</td>
</tr>
<tr>
<td>POLS 3438</td>
<td>Gender and the Law</td>
</tr>
<tr>
<td>POLS 3551</td>
<td>Introduction to United Nations</td>
</tr>
<tr>
<td>POLS 4134</td>
<td>International Law and Diplomacy</td>
</tr>
<tr>
<td>POLS 4135</td>
<td>International Organizations</td>
</tr>
<tr>
<td>POLS 4190</td>
<td>Environmental Laws and Regulations</td>
</tr>
<tr>
<td>POLS 4438</td>
<td>Legal Reasoning and Writing</td>
</tr>
<tr>
<td>POLS 4440</td>
<td>Immigration Law and Policy</td>
</tr>
<tr>
<td>POLS 4583</td>
<td>Theories Of Justice</td>
</tr>
</tbody>
</table>

Option 2: Students may select (4) courses (12 credit hours) of Upper Division Political Science Electives from any of the above listed classes or the courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>POLS 3231</td>
<td>Environmental Politics</td>
</tr>
<tr>
<td>POLS 3237</td>
<td>African American Politics</td>
</tr>
<tr>
<td>POLS 3333</td>
<td>Southern Politics</td>
</tr>
<tr>
<td>POLS 3334</td>
<td>Film and Politics</td>
</tr>
<tr>
<td>POLS 3338</td>
<td>Language and Law</td>
</tr>
<tr>
<td>POLS 4031</td>
<td>Selected Topics in Political Science</td>
</tr>
<tr>
<td>POLS 4210</td>
<td>Politics of Public Policy</td>
</tr>
<tr>
<td>POLS 4581</td>
<td>Model United Nations</td>
</tr>
<tr>
<td>POLS 4582</td>
<td>Model United Nations II</td>
</tr>
<tr>
<td>POLS 4791</td>
<td>Field Internship in Political Science</td>
</tr>
<tr>
<td>POLS 4890</td>
<td>Independent Study in Political Science</td>
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</tbody>
</table>

Minor - Required

Select an Area of Study Chosen in Consultation with Major Advisor; courses must be at 3000+ level or above

Electives

Select 18 credit hours of Electives

(A maximum of 12 hours of Internship may be taken)

Total Credit Hours 121

Other Program Requirements

- Majors must earn a minimum grade of “C” in Introduction to Political Science (POLS 2101), Introduction to Political Analysis (POLS 2130), and all upper level POLS courses.

Honors in Political Science

To graduate with Honors in Political Science, a student must:

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

All Political Science majors, including students in the UHP, are advised by an advisor in the Carroll Building, Room 2244.

Political Science Minor

Contact

Chair, Department of Political Science and International Studies
Prerequisite(s)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 2101</td>
<td>Introduction to Political Science</td>
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</table>

Total Credit Hours: 3

Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS - Upper Division courses</td>
<td>(Planned with major advisor)</td>
<td>15</td>
</tr>
</tbody>
</table>

Total Credit Hours: 15

Department of Psychology

The Department of Psychology is dedicated to student instruction, serving the community, and the discovery of knowledge through empirical research. The department houses classrooms, laboratories, and equipment for study and research in the areas of sensation and perception, cognition, physiological psychology, developmental psychology, social psychology, psychology of religion, and clinical psychology.

The mission of Psychology B.S. and B.A. degree programs is 1) to provide students with a course of study that reflects both the breadth and depth of the various fields of psychology and, consistent with Georgia Southern University's mission, and 2) to inspire students to be sensitive to cultural issues and individual differences, bridge scientific theory to practice, and promote personal and professional growth. This mission will be accomplished by providing students with a high-quality education about psychology, opportunities for experiential learning, and mentorship.

Students earning a bachelor's degree in Psychology will:

1. recognize and respect the complexity of sociocultural diversity and individual differences;
2. recognize, compare, and apply information from the core domains of psychology (i.e., developmental, physiological, cognitive, social, learning, and abnormal psychology);
3. recognize, apply, and evaluate the fundamental methods and statistics of psychological science;
4. recognize the value of psychology in professional and personal domains.

Programs

Majors

- Psychology B.A. (p. 108)
- Psychology B.S. (p. 109)

Minors

- Applied Behavior Analysis Minor (p. 106)
- Mental Health Minor (p. 107)
- Neuroscience Minor (p. 107)
- Organizational Psychology Minor (p. 107)
- Psychology Minor (p. 110)

Certificates

- Applied Behavior Analysis Certificate (p. 106)

Applied Behavior Analysis Certificate

Contact

Associate Chair of Psychology
Science Center
(912) 344-2762

Certificate Requirements: 15 Credit Hours

Prerequisite(s)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 3

Select one of the following:

- PSYC 3101 Abnormal Psychology
- PSYC 3331 Child Developmental Psychology
- PSYC 4090 Learning and Behavior
  & PSYC 4091 Learning and Behavior Lab
- PSYC 4791 Practicum in Behavior Analysis

Complete all of the following:

- PSYC 3410 Introduction to Behavior Analysis
- PSYC 3420 Principles of Behavior Change
- PSYC 3430 Behavior Assessment
- PSYC 3440 Behavior Change Techniques

Total Credit Hours: 15

This certificate does not equate to certification in Applied Behavior Analysis or any other professional certification. Students interested in professional certification in applied behavior analysis should view the requirements on the BACB website (https://www.bacb.com).

Applied Behavior Analysis Minor

Contact

Associate Chair of Psychology
Science Center
(912) 344-2762

Prerequisite(s)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 3

Minor Program

One course selected from

- PSYC 3101 Abnormal Psychology
- PSYC 4090 Learning and Behavior
  or PSYC 4091 Learning and Behavior Lab
- PSYC 4791 Practicum in Behavior Analysis

All of the following:

- PSYC 3410 Introduction to Behavior Analysis
- PSYC 3420 Principles of Behavior Change
The Applied Behavior Analysis Minor is open to any major. Coursework may not be counted towards the Mental Health, Organizational Psychology, or Neuroscience Minor.

**Mental Health Minor**

**Contact**
Chair, Department of Psychology
Brannen Hall
(912) 478-5539

The Mental Health Minor is open to any major. Coursework may not be counted towards the Applied Behavior Analysis, Organizational Psychology, or Neuroscience Minor. Courses used as Major Field courses for the Psychology major may not be applied to the Mental Health Minor.

**Prerequisite(s)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PSYC 1101</td>
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**Minor Program**

Select five of the following:

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<tbody>
<tr>
<td>PSYC 3101</td>
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<tr>
<td>PSYC 3104</td>
<td></td>
</tr>
<tr>
<td>PSYC 3230</td>
<td></td>
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<tr>
<td>PSYC 3235</td>
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<td>PSYC 3236</td>
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<td>PSYC 3337</td>
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<tr>
<td>PSYC 3410</td>
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<tr>
<td>PSYC 4102</td>
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<tr>
<td>PSYC 4150</td>
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<tr>
<td>PSYC 4170</td>
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</tbody>
</table>

Total Credit Hours: 15

---

**Neuroscience Minor**

**Contact**
Associate Chair of Psychology
Science Center
(912) 344-2762

**Prerequisite(s)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BIOL 1107</td>
<td>3</td>
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<tr>
<td>PSYC 1101</td>
<td>3</td>
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</table>

**Minor Program**

Select five of the following:

<table>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>PSYC 3106</td>
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<tr>
<td>PSYC 3170</td>
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<tr>
<td>PSYC 3234</td>
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<tr>
<td>PSYC 3335</td>
<td></td>
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<tr>
<td>PSYC 3337</td>
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</tr>
</tbody>
</table>

Total Credit Hours: 15

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**Organizational Psychology Minor**

**Contact**
Chair, Department of Psychology
Brannen Hall
(912) 478-5539

**Prerequisite(s)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 1101</td>
<td>3</td>
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**Minor Program**

Select five of the following:

<table>
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<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PSYC 3106</td>
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</tr>
<tr>
<td>PSYC 3170</td>
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<tr>
<td>PSYC 3234</td>
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<tr>
<td>PSYC 3335</td>
<td></td>
</tr>
<tr>
<td>PSYC 3337</td>
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</table>

Total Credit Hours: 15

The Organizational Psychology Minor is open to any major. Coursework may not be counted towards the Applied Behavior Analysis, Mental Health, or Neuroscience Minor. Courses used as Major Field courses for the
Psychology major may not be applied to the Organizational Psychology minor.

**Psychology B.A.**

**Degree Requirements: 124 Credit Hours**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Requirements (Core Areas A - E)</strong></td>
<td>42</td>
</tr>
<tr>
<td><strong>Additional Requirements</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Area F - Courses Appropriate to Major</strong></td>
<td>18</td>
</tr>
<tr>
<td>PSYC 1101 Introduction to Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 2101 Careers, Ethics and Professionalism</td>
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<tr>
<td>PSYC 2231 Research and Analysis I</td>
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<tr>
<td>Foreign Language 1001 or CSDS 1001</td>
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<tr>
<td>Foreign Language 1002 or CSDS 1002</td>
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<tr>
<td>Elective</td>
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<tr>
<td>Select 3 credit hours from the following:</td>
<td></td>
</tr>
<tr>
<td>ANTH 1102 Introduction to Anthropology</td>
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</tr>
<tr>
<td>CRJU 1100 Introduction to Criminal Justice</td>
<td></td>
</tr>
<tr>
<td>ENGL 2100 Literature And Humanities</td>
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</tr>
<tr>
<td>PHIL 2010 Introduction to Philosophy</td>
<td></td>
</tr>
<tr>
<td>PHIL 2030 Introduction to Ethics</td>
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<tr>
<td>SOCI 1101 Introduction to Sociology</td>
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<tr>
<td>SOCI 2000 Global Sociology</td>
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</tr>
<tr>
<td><strong>Major Requirements</strong></td>
<td>22</td>
</tr>
<tr>
<td>Complete all of the following courses:</td>
<td></td>
</tr>
<tr>
<td>PSYC 3101 Abnormal Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 3103 Lifespan Developmental Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 3106 Social Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 3141 Research and Analysis II</td>
<td></td>
</tr>
<tr>
<td>PSYC 3410 Introduction to Behavior Analysis</td>
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<tr>
<td>PSYC 4131 Research and Analysis III</td>
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</tr>
<tr>
<td>PSYC 4790 Senior Internship</td>
<td></td>
</tr>
<tr>
<td>or PSYC 4791 Practicum in Behavior Analysis</td>
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<tr>
<td><strong>Diversity</strong></td>
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<tr>
<td>Select 3 credit hours from the following:</td>
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<tr>
<td>PSYC 3050 Special Topics in Diversity</td>
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<tr>
<td>PSYC 3231 Psychology of Religion</td>
<td></td>
</tr>
<tr>
<td>PSYC 3232 Psychology of Gender</td>
<td></td>
</tr>
<tr>
<td>PSYC 3236 Psychology of Substance Abuse</td>
<td></td>
</tr>
<tr>
<td>PSYC 3237 Psychology of Human Sexuality</td>
<td></td>
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<tr>
<td>PSYC 3335 Personality Psychology</td>
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</tr>
<tr>
<td>PSYC 3339 Older Adult Developmental Psychology</td>
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</tr>
<tr>
<td>PSYC 4150 Health Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 4170 Women and Mental Health</td>
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</tr>
<tr>
<td><strong>Major Elective</strong></td>
<td>12</td>
</tr>
<tr>
<td>Select four of the following courses:</td>
<td></td>
</tr>
<tr>
<td>PSYC 3095 Drugs and Behavior</td>
<td></td>
</tr>
<tr>
<td>PSYC 3105 Physiological Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 3170 Human Resource Development Skills</td>
<td></td>
</tr>
<tr>
<td>PSYC 3230 Psychology of Adjustment</td>
<td></td>
</tr>
<tr>
<td>PSYC 3231 Psychology of Religion</td>
<td></td>
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<tr>
<td>PSYC 3234 Industrial/Organizational Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 3235 Behavior Modification</td>
<td></td>
</tr>
<tr>
<td>PSYC 3236 Psychology of Substance Abuse</td>
<td></td>
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<tr>
<td>PSYC 3237 Psychology of Human Sexuality</td>
<td></td>
</tr>
<tr>
<td>PSYC 3331 Child Developmental Psychology</td>
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<tr>
<td>PSYC 3332 Adolescent Developmental Psychology</td>
<td></td>
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<tr>
<td>PSYC 3335 Personality Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 3337 Psychological Tests and Measurements</td>
<td></td>
</tr>
<tr>
<td>PSYC 3338 Leadership and Group Dynamics</td>
<td></td>
</tr>
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<td>PSYC 3339 Older Adult Developmental Psychology</td>
<td></td>
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<tr>
<td>PSYC 3420 Principles of Behavior Change</td>
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<tr>
<td>PSYC 3430 Behavior Assessment</td>
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<tr>
<td>PSYC 3440 Behavior Change Techniques</td>
<td></td>
</tr>
<tr>
<td>PSYC 3500 Cognitive Neuroscience I</td>
<td></td>
</tr>
<tr>
<td>or PSYC 3102 Cognitive Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 3510 Cognitive Neuroscience II</td>
<td></td>
</tr>
<tr>
<td>PSYC 3534 Psychology of Language</td>
<td></td>
</tr>
<tr>
<td>PSYC 4090/4091 Learning and Behavior (4 credit hours)</td>
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</tr>
<tr>
<td>PSYC 4102 Clinical Psychology</td>
<td></td>
</tr>
<tr>
<td>or PSYC 4436 Theories of Psychotherapy</td>
<td></td>
</tr>
<tr>
<td>PSYC 4150 Health Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 4170 Women and Mental Health</td>
<td></td>
</tr>
<tr>
<td>PSYC 4432 Sensation and Perception</td>
<td></td>
</tr>
<tr>
<td>PSYC 4434 Animal Behavior</td>
<td></td>
</tr>
<tr>
<td>PSYC 4435 Comparative Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 4440 Evolutionary Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 4502 Psychology and Law</td>
<td></td>
</tr>
<tr>
<td>PSYC 4530 History and Systems</td>
<td></td>
</tr>
<tr>
<td><strong>Related Field Electives</strong></td>
<td>6</td>
</tr>
<tr>
<td>Choose one sequence of the following:</td>
<td></td>
</tr>
<tr>
<td>Foreign Language 2001 &amp; 2002</td>
<td></td>
</tr>
<tr>
<td>CSDS 2001 &amp; CSDS 2002 American Sign Language III &amp; American Sign Language IV</td>
<td></td>
</tr>
<tr>
<td>CSCI 1301 &amp; CSCI 1302 Programming Principles I &amp; Programming Principles II (MATH 1113 pre-req)</td>
<td></td>
</tr>
<tr>
<td><strong>Free Electives</strong></td>
<td></td>
</tr>
<tr>
<td>Any area upper division (3000 or above) courses</td>
<td>6-17</td>
</tr>
<tr>
<td>Any courses</td>
<td>0-11</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td>124</td>
</tr>
</tbody>
</table>

**Program Progression Requirements**

- Students must earn a minimum grade of "C" in all required PSYC courses.
- Students must earn a minimum grade of "C" in all Related Field courses.
- Students must earn a minimum grade of "C" in all prerequisite courses before enrolling in the advanced course.

**Honors in Psychology**

To graduate with honors in Psychology, a student must:

- be admitted to the University Honors Program;
- successfully complete the honors courses sequence (see advisor for details);
- complete and present an Honors Thesis;
be in good standing in the University Honors Program at the time of graduation.

Advisement

All Psychology majors, including students in the UHP, are advised by advisors in Brannen Hall (Statesboro Campus students) or in the Student Success Center (Armstrong Campus students).

Psychology B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>Additional Requirements</td>
</tr>
</tbody>
</table>

Area F - Courses Appropriate to Major 18

| PSYC 1101  | Introduction to Psychology |
| PSYC 2101  | Careers, Ethics and Professionalism |
| PSYC 2231  | Research and Analysis I |

Select 9 credit hours from the following:

| ANTH 1102 | Introduction to Anthropology |
| ANTH 2231 | Biological Anthropology |
| ANTH 2331 | Cultural Anthropology |
| BIOL 1320 | Diversity of Life |
| BIOL 1330 | Human Biology |
| CHFD 1131 | Introduction to Family Science |
| CHFD 2135 | Child Development |
| CHFD 2137 | Lifespan Development |
| CISM 1110 | Computer Applications |
| & CISM 1120 | and Computer Concepts |
| COMM 1100 | Human Communication (Prerequisite ENGL 1101) |
| CRJU 1100 | Introduction to Criminal Justice |
| ENGL 2100 | Literature And Humanities |
| GEOG 1101 | Introduction to Human Geography |
| GEOG 1130 | World Regional Geography |
| INTS 2130 | Introduction to International Studies |
| PHIL 2010 | Introduction to Philosophy |
| PHIL 2020 | Introduction to Critical Thinking |
| PHIL 2030 | Introduction to Ethics |
| PUBH 2131 | Introduction to Community and Public Health |
| RECR 2131 | Introduction to Recreational Therapy |
| RELS 2130 | Introduction to Religious Studies |
| SOCI 1101 | Introduction to Sociology |
| SOCI 2130 | Introduction to Gerontology |
| SOCI 2232 | Introduction to Social Services |

Major Requirements

Research Design Requirement

PSYC 3141 Research and Analysis II 4

Diversity Requirement

Select at least one course from this area 3

| PSYC 3050 | Special Topics in Diversity |
| PSYC 3231 | Psychology of Religion |
| PSYC 3232 | Psychology of Gender |
| PSYC 3236 | Psychology of Substance Abuse |
| PSYC 3237 | Psychology of Human Sexuality |
| PSYC 3335 | Personality Psychology |
| PSYC 3339 | Older Adult Developmental Psychology |
| PSYC 4150 | Health Psychology |
| PSYC 4170 | Women and Mental Health |

Select one of the following concentrations:

Comprehensive Concentration

Fundamental Knowledge: Select four courses from this area: 12

| PSYC 3101 | Abnormal Psychology |
| PSYC 3102 | Cognitive Psychology |
| PSYC 3103 | Lifespan Developmental Psychology |
| PSYC 3104 | Principles of Learning |
| PSYC 3105 | Physiological Psychology |
| PSYC 3106 | Social Psychology |

Major Elective: Select three upper division (3000 or above) 9

PSYC courses as approved by advisor

Capstone: Select one of the following courses: 3-4

| PSYC 4143 | Senior Research |
| PSYC 4530 | History and Systems |
| PSYC 4630 | Senior Seminar |
| PSYC 4790 | Senior Internship |
| PSYC 4832 | Directed Empirical Review |
| PSYC 4841 | Directed Research Project |

Free Electives: Select 28-29 credit hours (at least 9 hours must be upper division (3000 or above)) 28-29

Experimental Concentration

Major Field: Complete all of the following courses: 20

| PSYC 3105 | Physiological Psychology |
| PSYC 3410 | Introduction to Behavior Analysis |
| PSYC 3500 | Cognitive Neuroscience I |
| PSYC 3510 | Cognitive Neuroscience II |
| PSYC 4090 | Learning and Behavior |
| PSYC 4091 | Learning and Behavior Lab |
| PSYC 4131 | Research and Analysis III |
| PSYC 4132 | Research and Analysis III Lab |

Major Elective: Select two of the following courses: 6

| PSYC 3095 | Drugs and Behavior |
| PSYC 3101 | Abnormal Psychology |
| PSYC 3106 | Social Psychology |
| PSYC 3170 | Human Resource Development Skills |
| PSYC 3234 | Industrial/Organizational Psychology |
| PSYC 3237 | Psychology of Human Sexuality |
| PSYC 3331 | Child Developmental Psychology |
| PSYC 3335 | Personality Psychology |
| PSYC 3337 | Psychological Tests and Measurements |
| PSYC 3338 | Leadership and Group Dynamics |
| PSYC 3420 | Principles of Behavior Change |
| PSYC 3430 | Behavior Assessment |
| PSYC 3440 | Behavior Change Techniques |
| PSYC 3534 | Psychology of Language |
| PSYC 4102 | Clinical Psychology |
| PSYC 4150 | Health Psychology |
| PSYC 4170 | Women and Mental Health |
| PSYC 4431 | Motivation and Emotion |
| PSYC 4432 | Sensation and Perception |
| PSYC 4435 | Comparative Psychology |
Psychology Minor

**Guided Electives:** Select 21 credit hours (any courses from the following colleges: Behavioral and Social Sciences, Science and Mathematics, Engineering and Computing, Health Professions or Public Health)

**Free Electives:** Select any two upper division (3000 or above) courses

Total Credit Hours 124

1 If completed in Area D, select other elective courses.

**Program Progression Requirements**

Students must earn a minimum grade of "C" in all required PSYC and Related Field courses, as well as all prerequisite courses before enrolling in the advanced courses.

**Honors in Psychology**

To graduate with honors in Psychology, a student must:

- be admitted to the University Honors Program
- successfully complete the honors courses sequence (see advisor for details)
- complete and present an Honors Thesis
- be in good standing in the University Honors Program at the time of graduation

**Advisement**

All Psychology majors, including students in the UHP, are advised by advisors in Brannen Hall (Statesboro Campus students) or in the Student Success Center (Armstrong Campus students).

**Psychology Minor**

**Contact**

Chair, Department of Psychology
Brannen Hall
(912) 478-5539

**Prerequisite(s)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 3

**Minor Program**

<table>
<thead>
<tr>
<th>Course Description (3000-level and above)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC - Upper Division</td>
<td>15</td>
</tr>
</tbody>
</table>

Total Credit Hours 15

The Psychology Minor is open to any non-Psychology major. Coursework may not be counted towards the Applied Behavior Analysis, Mental Health, Organizational Psychology, or Neuroscience Minor.

**Department of Public and Nonprofit Studies**

The Department of Public and Nonprofit Studies serves as the focal point for scholarship, teaching, and professional service in the fields of Public Administration and Public Policy. The department was founded with the mission to advance excellence in public and nonprofit management education.

At the undergraduate level, the department offers the Minor in Public Administration, Minor in Public Policy, and Minor in Nonprofit Management. These minors are open to all students who are interested in the study and practice of professional public and nonprofit management.

The **Minor in Public Administration** is designed for students interested in the study and practice of public and nonprofit management. The minor is comprised of courses focusing on issues related to the delivery and management of public programs, public policy analysis, leadership and innovation management, budgeting and financial management, administrative law, and civic engagement and responsibility.

The **Minor in Public Policy** is for students interested in developing the skills and knowledge needed to respond to policy issues. The aim of the minor is to provide students with an understanding of the fundamental elements involved in the public policy process and the analytical skills necessary to make informed judgments about policy-making, policy implementation, and substantive policy outcomes.

The **Minor in Nonprofit Management** is for students interested in developing the skills and knowledge needed to identify and examine organizational theories and behavior as they apply in nonprofit/nongovernmental organizations including issues of work design and implications of operational policies and practices.

Courses in Public Administration, Public Policy, and/or Nonprofit Management are an excellent choice for students across several majors in the behavioral and social sciences, business, health, arts and humanities, and the hard sciences. Moreover, interested students may take one or more courses as free electives as their program of study allows. Students in the Bachelor of Interdisciplinary Studies (BIS) program may also pursue program concentrations in these areas.

Please contact the department with any questions about how courses in these areas fit with your degree and future career plans.

**Programs**

**Majors**

No results were found.

**Minors**

- Nonprofit Management Minor (p. 110)
- Public Administration Minor (p. 111)
- Public Policy Minor (p. 111)

**Nonprofit Management Minor**

**Minor Program**

The minor in Nonprofit Management requires a total of 15-credit hours. Students are required to take PBAD 2231 Introduction to Public Administration, PBAD 3631 Introduction to Nonprofit Management, and then must complete three upper division courses.
Public Administration Minor

Contact
Chair, Department of Public and Nonprofit Studies
Carroll Building
(912) 478-1400
mpa@georgiasouthern.edu

Minor Program
The minor in Public Administration requires a total of 15 credit hours. Students are required to take PBAD 2231 Introduction to Public Administration and complete four upper-division courses.

Public Policy Minor

Minor Program
The minor in Public Policy requires a total of 15-credit hours. Students are required to take PBAD 2231 Introduction to Public Administration, PBAD 3731 Public Policy, and then must complete three upper division courses.

Department of Sociology and Anthropology
In the Department of Sociology and Anthropology, students will gain the knowledge and skills to make a difference in their community and in the world. An education grounded in sociology or anthropology empowers students to explore the world - it gives them the vision to know the questions to ask, the research tools to find the answers to those questions, and the skills to turn the findings into social solutions.

Students in the department gain real-life, job-related experience while they earn their degree.

A student graduating with a B.A. degree in Anthropology will be able to:
1. identify and analyze appropriate research literature from scholarly sources in anthropology;
2. cite sources according to the American Anthropological Association’s guidelines;
3. identify, describe, and apply a reasonable subset of theoretical paradigms from within anthropology’s four fields;
4. describe and explain key research methods of each subfield of anthropology, relate comparative values of various methods within each subfield, and be able to determine which methods should be practiced in a given research project;
5. construct a meaningful anthropological research question, taking into account time frame, region, cultural group, and an element of change or development;
6. explain and analyze examples of ethical and legal issues in anthropology;
7. design and write up an original, theoretically informed research proposal and/or project;
8. demonstrate the ability to write up work in an organized and coherent fashion;
9. connect elements of all four fields of anthropology into a holistic, comparative, culturally relevant framework;
10. demonstrate the ability to orally present work in an organized and coherent fashion; and
11. assess career avenues and/or educational opportunities grounded in an anthropological background.
A student graduating with a B.S. degree in Sociology will be able to:

1. define sociological perspectives, apply them in their analysis of concrete situations, and apply them in their empirical data collection and data analysis;
2. understand the role of theory in sociology; and
3. understand the role of evidence and qualitative and quantitative methods in sociology.

Programs

Majors

- Anthropology B.A. (p. 112)
- Sociology B.S. (p. 114)

Minors

- Anthropology Minor (p. 113)
- Gerontology Interdisciplinary Minor (p. 113)
- Sociology Minor (p. 114)

Anthropology B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>Additional Requirements</th>
<th>Area F - Courses Appropriate to Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>Anthrology B.A. (p. 112)</td>
<td>4</td>
<td>Anthrology B.A. (p. 112)</td>
</tr>
<tr>
<td>18</td>
<td>Sociology B.S. (p. 114)</td>
<td>4</td>
<td>Anthrology B.A. (p. 112)</td>
</tr>
<tr>
<td>4</td>
<td>Anthrology B.A. (p. 112)</td>
<td>4</td>
<td>Anthrology B.A. (p. 112)</td>
</tr>
<tr>
<td>30</td>
<td>Anthrology B.A. (p. 112)</td>
<td>4</td>
<td>Anthrology B.A. (p. 112)</td>
</tr>
</tbody>
</table>

Major Requirements

REQUIRED: ALL Students must take the following courses:

- Anthrology B.A. (p. 112)
- Sociology B.S. (p. 114)

Then the student can choose from one of the three following tracks:

Option 1: Archaeology field experience

Students in the Archaeology field experience Track must take

- Anthrology B.A. (p. 112)
- Sociology B.S. (p. 114)

Then the student should choose 12 hours from the following upper division courses and 6 hours from the Internship Experience track:

- Anthrology B.A. (p. 112)
- Sociology B.S. (p. 114)

Option 2: Internship experience

Students in the Internship experience track must take:

- Anthrology B.A. (p. 112)
- Sociology B.S. (p. 114)

Then the student should choose 12 hours from the courses listed below, and 6 hours from the archaeology track:

- Anthrology B.A. (p. 112)
- Sociology B.S. (p. 114)
Anthropology Minor

Contact
Chair, Department of Sociology & Anthropology
Carroll Building
(912) 478-5443

Prerequisite(s)
Credit Hours
ANTH 1102 Introduction to Anthropology (or equivalent) 3

Minor Program
Credit Hours
ANTH - Courses for which prerequisites are met 15
Total Credit Hours 15

Gerontology Interdisciplinary Minor

Contact
Department of Sociology and Anthropology
Carroll Building
(912) 478-5443

Core
Credit Hours
SOCI 2130 Introduction to Gerontology 3
Total Credit Hours 3

Minor Program
Credit Hours
Select four courses from the following: 12
CHFD 2137 Lifespan Development
CHFD 3136 Adult Development and Later Life
CHFD 4132 Death and Bereavement across the Lifespan
CRJU 3535 Family Violence
GERO 5500 Survey of Gerontology
GERO 5510 Healthy Aging
PSYC 3103 Lifespan Developmental Psychology
PSYC 3339 Older Adult Developmental Psychology
PUBH 4231 Health Aspects of Aging
SOCI 3135 Aging
SOCI 3338 Sociology of the Life Course
SOCI 4135 Death and Dying
SOCI 4235 Aging Programs and Policies

Other Program Requirements
- A minimum grade of “C” in required Anthropology courses; “C” average for all Anthropology courses with maximum of one “D” included; a maximum of 9 hours can be taken either for the Archaeology Field Session or for the Internship in Anthropology; or for a combination of the Archaeology Field Session and the Internship in Anthropology.

Honors in Anthropology
To graduate with Honors in Anthropology, a student must:
- be admitted to the University Honors Program;
- successfully complete one credit hour of HONS 4610 during their first semester in the departmental honors program, and at least two credit hours of HONS 4999 after HONS 4610 and before graduation (normally one during each of the last semesters enrolled);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Three UHON hours can be applied toward the required hours in either track of the major. The three hours of UHON credit can be substituted in the major for the capstone course, if the student is in good standing with their thesis mentor during the spring semester of their senior year.

Advisement
Sociology and Anthropology majors, including students in the UHP, are advised by an advisor located in the Carroll Building, Room 1087, Statesboro. If you have questions about advisement, don’t hesitate to contact the anthropology advisor at (912) 478-6901. Students on the Armstrong campus who are interested in the Anthropology major may speak to the designated advisor in the Student Success Center (912) 344-2760. Liberty campus students may speak to the Liberty campus advisor (912) 877-1911.
Up to three credit hours of internship or capstone project may be substituted into the minor if the internship/project has an aging-related focus, with permission of the minor program coordinator.

Total Credit Hours 12

Sociology B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

| Credit Hours | General Requirements (Core Areas A - E) | 42 |
|  | Additional Requirements | 4 |
| Area F - Courses Appropriate to Major | 18 |
| Foreign Language - 2001 or SOCI 2000 Global Sociology or ANTH 1150 Glob Pers Ant: People of World |  |

1 Students who test out of FORL 2001 may choose 3 hours from the Area F elective list

- SOCI 1101 Introduction to Sociology 1
- SOCI 2434 Social Data Analysis or STAT 1401 Elementary Statistics

Select 9-12 credit hours from the following:

- Foreign Language - 2002
- ANTH 1102 Introduction to Anthropology
- ANTH 1150 Glob Pers Ant: People of World
- CISM 1110 Computer Applications & CISM 1120 and Computer Concepts
- GEOG 1130 World Regional Geography
- INTS 2130 Introduction to International Studies
- PHIL 2010 Introduction to Philosophy
- POLS 2101 Introduction to Political Science
- PSYC 1101 Introduction to Psychology
- RELS 2130 Introduction to Religious Studies
- SOCI 2000 Global Sociology
- SOCI 2130 Introduction to Gerontology
- SOCI 2232 Introduction to Social Services
- STAT 1402 Elementary Statistics II
- WGST 2100 Introduction to Women's, Gender, and Sexuality Studies
- WRIT 2130 Technical Communication

Major Requirements

- SOCI 3431 Sociological Theory 3
- SOCI 3434 Methods of Social Research 3
- SOCI 4630 Senior Seminar 3

Choose one of the following areas of emphasis:

Emphasis 1: Sociology

Complete 30 credit hours of advisor approved upper division (3000 or above) SOCI courses

Emphasis 2: Social Services

Select 15 additional credit hours of advisor approved upper division (3000 or above) SOCI courses 4

Interdisciplinary Specialty Electives

Select 9 credit hours of Interdisciplinary Specialty Electives 9

Electives

Select 12 credit hours of Electives 12

Total Credit Hours 124

1 A minimum grade of "C" is required.
2 Students completing the Social Services track are encouraged, but not required, to complete an internship under the supervision of the program's internship coordinator.

Other Program Requirements

- A minimum grade of "C" required in all sociology courses; if advisor recommends, one "D" is allowed if matched by "B" or higher in another sociology course.

Honors in Sociology

To graduate with Honors in Sociology, a student must:

- be admitted to the University Honors Program;
- successfully complete one credit hour of Honors Research Seminar (HONS 4610) during their first semester in the departmental honors program, and at least two credit hours of Honors Research (HONS 4999) after Honors Research Seminar (HONS 4610) and before graduation (normally one during each of the last semesters enrolled);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Note: Three HONS credit hours can be applied toward the required hours in either emphasis area within the major.

Advisement

Sociology majors are advised by an advisor in the Carroll Building, Room 1087 on the Statesboro campus and by an advisor in the Student Success Center on the Armstrong campus. If you have questions about advisement, please contact your sociology advisor at (912) 478-6901 (Statesboro) or (912) 344-2760 (Armstrong). Liberty campus students interested in Sociology may consult with the Liberty campus advisor (912) 877-1911.

Sociology Minor

Contact

Chair, Department of Sociology & Anthropology
Carroll Building
(912) 478-5443

Prerequisite(s)

- SOCI 1101 Introduction to Sociology 3
Minor Program

SOCl - Upper Division courses (excluding SOCI 4790)  15
Total Credit Hours  15

School of Human Ecology

The School of Human Ecology has a long history of serving a diverse cross-section of the public through its programs, centers, laboratories, and community involvement. The faculty share in a network of responsibility that provides students with a basis for reinterpreting the traditions of Human Ecology to meet the current and future challenges in their families, communities, and the marketplace. At the core of instruction is the faculty’s concern for the student’s professional growth, leadership development, ethical awareness, and well being as productive citizens.

Applied learning is the hallmark of all majors in Human Ecology. The strength of the curriculum is the multi-disciplinary foundation of each of the specialties that come together with a coordinated and integrated focus. Students will develop as professionals, providing leadership in a diverse, global marketplace which emphasizes technical, interpersonal, and people management skills. The integration of the disciplines within Human Ecology will empower students to enhance the well-being of individuals, families, and communities.

Programs

Majors

• Child and Family Development B.S. (Concentration in Child Development) (p. 115)
• Child and Family Development B.S. (Concentration in Child Life) (p. 116)
• Child and Family Development B.S. (Concentration in Family Services) (p. 117)
• Child and Family Development B.S. Concentration in Birth-Kindergarten (Non-Certification Track) (p. 118)
• Fashion Merchandising and Apparel Design B.S. (Emphasis in Design) (p. 119)
• Fashion Merchandising and Apparel Design B.S. (Emphasis in Merchandising) (p. 119)
• Interior Design B.S. (p. 120)
• Recreation B.S. (Emphasis in Outdoor Recreation) (p. 122)
• Recreation B.S. (Emphasis in Recreational Therapy) (p. 123)
• Recreation B.S. (Emphasis in Tourism and Community Leisure Services) (p. 123)

Minors

• Child and Family Development Minor (p. 118)
• Fashion Merchandising and Apparel Design Minor (p. 120)
• Recreation and Tourism Management Minor (p. 122)

Child and Family Development B.S. (Concentration in Child Development)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A through Area E.

General Requirements (Core Areas A - E)  42
Additional Requirements  4

Area F - Course Appropriate to Major  18
CHFD 1131 Introduction to Family Science
CHFD 2130 Family Economic Environment
CHFD 2135 Child Development
CHFD 2136 Intro to Family Services
CISM 1110 Computer Applications
or COMM 1120 and Computer Concepts
1110 Public Speaking
PSYC 1101 Introduction to Psychology
or SOCI 1101 Introduction to Sociology

Major Requirements

Child and Family Development Core  27-30
CHFD 3131 Birth to 5 Methods
CHFD 3133 Diversity in Human Development
CHFD 3135 Youth Development
CHFD 3136 Adult Development and Later Life
CHFD 3139 Parent Education and Guidance
CHFD 4138 Professional Development
CHFD 4790 Internship in Child and Family Development

Child Development Concentration  24
CHFD 3234 Young Children with Special Needs
CHFD 4130 Administration of Programs for Children and Youth
CHFD 4131 Teaching Preschool
CHFD 4136 Assessment of Children
CHFD 4150 Families, Schools, and Community Partnerships (CHFD 4150)

Select nine credit hours from the following Guided Electives:

CHFD 3130 Research Methods
CHFD 3137 Introduction to Child Life
CHFD 3232 Sexuality in Human Development
CHFD 3235 Therapeutic Benefits of Play in Child Life
CHFD 4090 Selected Topics in Child and Family Development
CHFD 4132 Death and Bereavement across the Lifespan
CHFD 4133 Programming and Evaluation for Family Services
CHFD 4134 Family Life Education
CHFD 4899 Directed Individual Study
RECR 2131 Introduction to Recreational Therapy
Program Admission Criteria

- Admission to Georgia Southern University
- A total institution GPA of 2.0 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered)
- Completed a minimum of 30 credit hours
- A minimum grade of “C” in all Area F course work attempted
- Satisfactory completion of a Department of Early Care and Learning comprehensive criminal background check and finger printing prior to taking CHFD 3131.

Program Progression Requirements

- Students must earn a minimum grade of “C” in all courses in Area F, the Child and Family Development Core, the selected concentration area, and guided major electives.
- Students must also earn a minimum grade of “C” in a prerequisite course prior to registering for an advanced course.
- Students must have a total institutional GPA of 2.5 or better, and completed all core curriculum and major degree requirements, earning a grade of “C” in all courses in Area F and within the major requirements, including within their concentration prior to interning. Students who do not meet the 2.5 GPA requirements will complete nine to twelve (9-12) credit hours of approved course work as substitute for the internship.

Honors in Child and Family Development

To graduate with Honors in Child and Family Development, a student must

- be admitted to the University Honors Program;
- successfully complete at least three credits of Honors Research Seminar (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

Contact the College of Behavioral and Social Sciences Student Services Center for information regarding admission and advisement.

Child and Family Development B.S. (Concentration in Child Life)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.
• A minimum grade of “C” in all Area F course work attempted
• Satisfactory completion of a Department of Early Care and Learning comprehensive criminal background check and finger printing prior to taking CHFD 3131.

Program Progression Requirements

• Students must earn a minimum grade of “C” in all courses in Area F, the Child and Family Development Core, the selected concentration area, and guided major electives.
• Students must also earn a minimum grade of “C” in a prerequisite course prior to registering for an advanced course.
• Students must have a total institutional GPA of 2.5 or better, and completed all core curriculum and major degree requirements, earning a grade of “C” in all courses in Area F and within the major requirements, including within their concentration prior to interning. Students who do not meet the 2.5 GPA requirements will complete nine to twelve (9-12) credit hours of approved course work as substitute for the internship.

Honors in Child and Family Development

To graduate with Honors in Child and Family Development, a student must
• be admitted to the University Honors Program;
• successfully complete at least three credits of Honors Research Seminar (HONS 4610) over three semesters;
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Advisement

Contact the College of Behavioral and Social Sciences Student Services Center for information regarding admission and advisement.

Child and Family Development

B.S. (Concentration in Family Services)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
</tr>
<tr>
<td>Additional Requirements</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>CHFD 1131 Introduction to Family Science</td>
</tr>
<tr>
<td>CHFD 2130 Family Economic Environment</td>
</tr>
<tr>
<td>CHFD 2135 Child Development</td>
</tr>
<tr>
<td>CHFD 2136 Intro to Family Services</td>
</tr>
<tr>
<td>CISM 1110 Computer Applications</td>
</tr>
<tr>
<td>&amp; CISM 1120 and Computer Concepts or COMM 1110</td>
</tr>
<tr>
<td>PSYC 1101 Introduction to Psychology or SOCI 1101</td>
</tr>
<tr>
<td>Major Requirements</td>
</tr>
<tr>
<td>Child and Family Development Core</td>
</tr>
<tr>
<td>CHFD 3131 Birth to 5 Methods</td>
</tr>
</tbody>
</table>

Program Admission Criteria

• Admission to Georgia Southern University
• A total institution GPA of 2.0 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered)
• Completed a minimum of 30 credit hours
• A minimum grade of “C” in all Area F course work attempted
• Satisfactory completion of a Department of Early Care and Learning comprehensive criminal background check and finger printing prior to taking CHFD 3131.

Program Progression Requirements

• Students must earn a minimum grade of “C” in all courses in Area F, the Child and Family Development Core, the selected concentration area, and guided major electives.
The B.S. degree in Child and Family Development with a concentration in Birth Through Kindergarten (certification and non-certification) track provides students who are interested in education the opportunity to take coursework leading to a broad understanding of the field. When accepted to the University all Child and Family Development majors concentrating in Birth Through Kindergarten (certification and non-certification) are enrolled into the non-certification track. This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification in Birth-Kindergarten will move into the B.S. Child and Family Development Birth-Kindergarten Certification track. All others will remain in the Non-Certification track.

Honors in Child and Family Development
To graduate with Honors in Child and Family Development, a student must

• be admitted to the University Honors Program;
• successfully complete at least three credits of Honors Research Seminar (HONS 4610) over three semesters;
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Advisement
Contact the College of Behavioral and Social Sciences Student Services Center for information regarding admission and advisement.

Child and Family Development
B.S. Concentration in Birth-Kindergarten (Non-Certification Track)

*The program will officially begin fall semester 2020. Students will be accepted for admission beginning fall semester 2020.

Degree Requirements: 124 Credit Hours
The B.S. degree in Child and Family Development with a concentration in Birth Through Kindergarten Teacher Education (Non-Certification) track provides students who are interested in education the opportunity to take coursework leading to a broad understanding of the field. When accepted to the University all Child and Family Development majors concentrating in Birth Through Kindergarten (certification and non-certification) are enrolled into the non-certification track. This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification in Birth-Kindergarten will move into the B.S. Child and Family Development Birth-Kindergarten Certification track. All others will remain in the Non-Certification track.

Credit Hours

General Requirements (Core Areas A-E)

42

Area F - Courses Appropriate to Concentration

4

BKin 1200 Introduction to Early Childhood Education

BKin 2200 Health, Safety, and Wellness in Early Childhood

CHFD 2135 Child Development

EDUC 2090 PPB Practicum

EDUC 2110 Investigating Critical and Contemporary Issues in Education

18

CHFD 1131 Introduction to Family Science

CHFD 2130 Family Economic Environment

CHFD 2136 Intro to Family Services

CHFD 3131 Birth to 5 Methods

CHFD 3133 Diversity in Human Development

CHFD 3135 Youth Development

CHFD 3136 Adult Development and Later Life

CHFD 3139 Parent Education and Guidance

CHFD 4138 Professional Development

CHFD 4790 Internship in Child and Family Development

CHFD 3234 Young Children with Special Needs

CHFD 3137 Internship in Child Life

CHFD 4137 Legal and Public Policies Affecting Families

CHFD 4131 Teaching Preschool

CHFD 4130 Administration of Programs for Children and Youth

CHFD 4136 Assessment of Children

COMM 1110 Public Speaking

Other Requirements

6

Foreign language or significant international content

Elective

Total Credit Hours

124

Child and Family Development
Minor

Contact
Program Coordinator, Child and Family Development

Minor Program

Credit Hours

CHFD 2135 Child Development

3

CHFD 1131 Introduction to Family Science

3

Select three of the following:

CHFD 3130 Research Methods

CHFD 3131 Birth to 5 Methods

CHFD 3133 Diversity in Human Development

CHFD 3135 Youth Development

CHFD 3136 Adult Development and Later Life

CHFD 3137 Introduction to Child Life

CHFD 3139 Parent Education and Guidance

CHFD 3232 Sexuality in Human Development

CHFD 4090 Selected Topics in Child and Family Development

CHFD 4132 Death and Bereavement across the Lifespan

9

Total Credit Hours

15
Fashion Merchandising and Apparel Design B.S. (Emphasis in Design)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

| Credit Hours | General Requirements (Core Areas A - E) | 42 |
| | Additional Requirements | 4 |
| | Area F - Courses Appropriate to Major | 18 |
| | ACCT 2030 | Survey of Accounting |
| | CISM 1110 | Computer Applications |
| | CISM 1120 | Computer Concepts |
| | FMAD 1110 | Fashion Fundamentals |
| | FMAD 2130 | Understanding Aesthetics |
| | FMAD 2230 | Social and Psychological Aspects of Clothing |
| | TCGT 1530 | Global Sustainability and Innovation |

| Major Requirements | FMAD 3210 | Computer-Aided Design |
| | FMAD 3234 | Textiles |
| | FMAD 3235 | History of Costume |
| | FMAD 3237 | Apparel Analysis |
| | FMAD 4630 | Professional Seminar in Fashion |
| | FMAD 4790 | Internship in FMAD |

| Area of Emphasis | Select courses in one of the following areas: | 18 |
| Design Emphasis | FMAD 1234 | Apparel I |
| | FMAD 3236 | Apparel II |
| | FMAD 3239 | Fashion Illustration |
| | FMAD 4231 | Apparel Design Analysis I |
| | FMAD 4232 | Apparel Design Analysis II |

Select three credit hours from the following Major Electives:

| FMAD 3232 | Principles of Merchandising |
| FMAD 3233 | Visual Merchandising |
| FMAD 3330 | Global Apparel and Textile Production |
| FMAD 4234 | Fashion Presentation and Promotion |
| FMAD 4236 | Fashion Study Tour |

| Merchandising Emphasis | FMAD 3232 | Principles of Merchandising |
| | FMAD 3233 | Visual Merchandising |
| | FMAD 3330 | Global Apparel and Textile Production |
| | FMAD 4234 | Fashion Presentation and Promotion |

Select six credit hours from the following Major Electives:

| FMAD 1234 | Apparel I |
| | FMAD 3236 | Apparel II |
| | FMAD 3239 | Fashion Illustration |
| | FMAD 4236 | Fashion Study Tour |

| Non-Major Requirements | Students will select nine credit hours of upper level courses from approved elective courses, courses for approved minors, or those approved by advisor. | 9 |

Foreign Language Requirement or “Significant International Content” course
Select one Foreign Language Requirement or “Significant International Content” course | 3 |

Elective
Select three credit hours of Electives | 3 |

Total Credit Hours | 124 |

1 Public Speaking or Foreign Language required if taken in Area D.
2 A significant international content course (see catalog) may be taken if Global Sustainability and Innovation (TCGT 1530) was taken in other areas of the core.

Honors in Fashion Merchandising and Apparel Design

To graduate with Honors in Fashion Merchandising and Apparel Design, a student must:

- be admitted to the University Honors Program;
- successfully complete at least three credits of Honors Research Seminar (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

Contact the College of Behavioral and Social Sciences Student Services Center for information regarding admission and advisement.

Fashion Merchandising and Apparel Design B.S. (Emphasis in Merchandising)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

| Credit Hours | General Requirements (Core Areas A - E) | 42 |
| | Additional Requirements | 4 |
| | Area F - Courses Appropriate to Major | 18 |
| | ACCT 2030 | Survey of Accounting |
| | CISM 1110 | Computer Applications |
| | CISM 1120 | Computer Concepts |
| | FMAD 1110 | Fashion Fundamentals |
| | FMAD 2130 | Understanding Aesthetics |
| | FMAD 2230 | Social and Psychological Aspects of Clothing |
| | TCGT 1530 | Global Sustainability and Innovation |

| Major Requirements | FMAD 3210 | Computer-Aided Design |
| | FMAD 3234 | Textiles |
| | FMAD 3235 | History of Costume |
| | FMAD 3237 | Apparel Analysis |
| | FMAD 4630 | Professional Seminar in Fashion |
| | FMAD 4790 | Internship in FMAD |

| Area of Emphasis | Select courses in one of the following areas: | 18 |

Design Emphasis

| FMAD 1234 | Apparel I |
| | FMAD 3236 | Apparel II |
| | FMAD 3239 | Fashion Illustration |
| | FMAD 4231 | Apparel Design Analysis I |
| | FMAD 4232 | Apparel Design Analysis II |

Select three credit hours from the following Major Electives:

| FMAD 3232 | Principles of Merchandising |
| FMAD 3233 | Visual Merchandising |
| FMAD 3330 | Global Apparel and Textile Production |
| FMAD 4234 | Fashion Presentation and Promotion |
| FMAD 4236 | Fashion Study Tour |

| Merchandising Emphasis | FMAD 3232 | Principles of Merchandising |
| | FMAD 3233 | Visual Merchandising |
| | FMAD 3330 | Global Apparel and Textile Production |
| | FMAD 4234 | Fashion Presentation and Promotion |

Select six credit hours from the following Major Electives:

| FMAD 1234 | Apparel I |
| | FMAD 3236 | Apparel II |
| | FMAD 3239 | Fashion Illustration |
| | FMAD 4236 | Fashion Study Tour |

| Non-Major Requirements | Students will select nine credit hours of upper level courses from approved elective courses, courses for approved minors, or those approved by advisor. | 9 |

Advisement

Contact the College of Behavioral and Social Sciences Student Services Center for information regarding admission and advisement.
Select courses in one of the following areas: 18

**Design Emphasis**
- FMAD 1234 Apparel I
- FMAD 3236 Apparel II
- FMAD 3239 Fashion Illustration
- FMAD 4231 Apparel Design Analysis I
- FMAD 4232 Apparel Design Analysis II

Select three credit hours from the following Major Electives:
- FMAD 3232 Principles of Merchandising
- FMAD 3233 Visual Merchandising
- FMAD 3330 Global Apparel and Textile Production
- FMAD 4234 Fashion Presentation and Promotion
- FMAD 4236 Fashion Study Tour

**Merchandising Emphasis**
- FMAD 3232 Principles of Merchandising
- FMAD 3233 Visual Merchandising
- FMAD 3330 Global Apparel and Textile Production
- FMAD 4234 Fashion Presentation and Promotion

Select six credit hours from the following Major Electives:
- FMAD 1234 Apparel I
- FMAD 3236 Apparel II
- FMAD 3239 Fashion Illustration
- FMAD 4236 Fashion Study Tour

**Non-Major Requirements**
Students will select nine credit hours of upper level courses from approved elective courses, courses for approved minors, or those approved by advisor.

**Foreign Language Requirement or “Significant International Content” course**
Select one Foreign Language Requirement or “Significant International Content” course 3

**Elective**
Select three credit hours of Electives 3

Total Credit Hours 124

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**Fashion Merchandising and Apparel Design Minor**

**Contact**
Program Coordinator, Fashion Merchandising and Apparel Design

**Minor Program**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMAD 2230</td>
</tr>
<tr>
<td>FMAD 3234</td>
</tr>
<tr>
<td>FMAD 1110</td>
</tr>
<tr>
<td>Select two of the following:</td>
</tr>
<tr>
<td>FMAD 3210</td>
</tr>
<tr>
<td>FMAD 3232</td>
</tr>
<tr>
<td>FMAD 3233</td>
</tr>
<tr>
<td>FMAD 3235</td>
</tr>
<tr>
<td>FMAD 4234</td>
</tr>
<tr>
<td>FMAD 4236</td>
</tr>
</tbody>
</table>

Total Credit Hours 15

**Interior Design B.S.**

**Degree Requirements: 124 Credit Hours**
See Core Curriculum for required courses in Area A1 through Area E.

**Credit Hours**

| General Requirements (Core Areas A - E) | 42 |
| Additional Requirements | 4 |
| **Area F - Courses Appropriate to Major** | 18 |
| ART 1010 | Drawing I | 3 |
| ART 1020 | 2D Art and Design Foundations | 3 |
| ART 1030 | 3D Art and Design Foundations | 3 |
| ARTH 2531 | Art History I | 3 |
| INDS 2430 | Design Appreciation | 3 |
| TCGT 1530 | Global Sustainability and Innovation | 3 |

**Major Requirements**

| INDS 2433 | Human Centered Design & Theoretical Frameworks | 3 |
| INDS 2435 | Design Studio I | 3 |
| INDS 2436 | Interior Materials and Systems | 3 |
| INDS 2437 | Interior Design CAD I | 3 |
| INDS 3238 | Textiles for Interiors | 3 |
| INDS 3530 | Sustainability for the Built Environment | 3 |
| INDS 3431 | History of Interiors | 3 |
| INDS 3434 | Lighting | 3 |
| INDS 3435 | Design Studio II | 3 |
| INDS 3436 | Design Studio III | 3 |
| INDS 3437 | Interior Design CAD II | 3 |
| INDS 3438 | Professional Practice | 3 |
| INDS 4430 | Digital Presentation and Communication | 3 |
| INDS 4435 | Design Studio IV | 3 |
| INDS 4427 | Interior Design Portfolio | 2 |
| INDS 4446 | Design Studio V | 4 |
| INDS 4790 | Interior Design Internship | 3 |

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**Honors in Fashion Merchandising and Apparel Design**
To graduate with Honors in Fashion Merchandising and Apparel Design, a student must:
- be admitted to the University Honors Program;
- successfully complete at least three credits of Honors Research Seminar (HONS 4610) over three semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

**Advisement**
Contact the College of Behavioral and Social Sciences Student Services Center for information regarding admission and advisement.

1 Public Speaking or Foreign Language required if taken in Area D.
2 A significant international content course (see catalog) may be taken if Global Sustainability and Innovation (TCGT 1530) was taken in other areas of the core.
To graduate with Honors in Interior Design, a student must:

- be in good standing in the University Honors Program at the time of graduation.

**Application for Admission to the Interior Design Program**

The following completed Admission Package must be turned in by the application deadline in order for the candidate to be considered:

1. **Official Application**
2. **Letter of Intent**
3. **Verification of grades with official transcripts of all schools attended including this university (WINGS accepted); mid-term verification of grades for all required courses in process. (Students may be in the process of taking Drawing I (ART 1010) or 2D Art and Design Foundations (ART 1020) and will be required to submit a mid-term grade from the professor. Final acceptance is contingent upon the final grade received in the course.)**
4. **Mid-term verification card: contains midterm grade verification and signature of professor for all Area F courses where student is enrolled in the same semester as application (final acceptance into the program is based on final grade in all currently enrolled course). Midterm grade cards can be obtained from the secretary in building 211.**

**Application Deadlines**

**Fall**

- All applications are due by 4:30pm the Friday following the last day to withdraw (October)
- Students applying during the fall semester will begin the program and the first studio course the next consecutive semester (spring)

**Spring**

- All applications are due by 4:30pm the Friday following the last day to withdraw (March)
- Students applying during the spring semester will begin the program and the first studio course the next consecutive semester (fall)

**Program Progression Requirements**

Students must earn a minimum grade of “C” in all courses within the major requirements including remaining Area F courses.

- Students must complete the courses in sequence and complete all prerequisites. If a course is dropped or failed, then the student will be out of sequence and graduation will be delayed. These students may have to reapply to the major depending on circumstances, availability of space, and time elapsed between classes.
- Majors that drop from the program due to personal reasons and wish to reapply at a later date must have courses and skills reevaluated to determine eligibility for the current curriculum and program.

**NOTE:** Students transferring into the Interior Design major from other majors or from other institutions may not be able to graduate necessarily within the traditional four-year period.

**Advisement**

For additional information, contact the College of Social and Behavioral Sciences Student Services Center.

The Interior Design Program is accredited by the Council for Interior Design Accreditation (CIDA) and the National Association of Schools of Art and Design (NASAD).
Recreation and Tourism Management Minor

School of Human Ecology

Chair, School of Human Ecology
College of Behavioral and Social Sciences

Minor Program

The Recreation and Tourism Management Minor is open to any student interested in the fields of Community Recreation, Outdoor Recreation, or Tourism Management.

Credit Hours

RECR 1530  Introduction to Recreation  
Select 12 credit hours from the following (must include 9 upper-division hours):

RECR 2131  Introduction to Recreational Therapy
RECR 2530  Leadership and Programming in Leisure Services
RECR 3135  Program Planning in Recreational Therapy
RECR 3230  Adventure Education
RECR 3235  Outdoor Recreation Management
RECR 3236  Planning Recreation Areas and Facilities
RECR 3335  Tourism Management
RECR 3337  International Tourism
RECR 3430  Conference and Event Planning
RECR 3530  Attraction and Tourism Management Field School
RECR 4130  Assessment in Recreational Therapy
RECR 4135  Intervention Techniques in Recreational Therapy
RECR 4230  Environmental Education and Interpretation
RECR 4430  Financial and Legal Dimensions of Recreation
RECR 4435  Managing Recreation Organizations
RECR 4530  Marketing Recreation Services
RECR 4830  Selected Topics in Recreation

Total Credit Hours 15

Additional Minor Requirements

Consultation with an RTM faculty member.

Recreation B.S. (Emphasis in Outdoor Recreation)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

Credit Hours

General Requirements (Core Areas A - E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major 18

All Recreation students must take RECR 1530 and RECR 2530

Program Admission Criteria

- 2.0 GPA for Outdoor Recreation, Recreational Therapy, and Tourism and Community Leisure Services
- 2.0 GPA to enroll in Internship
- Students must complete all Area A1 and Area A2 requirements and Introduction to Recreation (RECR 1530) prior to admission to the program.

Honors in Recreation

- Be admitted to the University Honors Program
- Successfully complete at least three credits of HONS 4610 over three semesters
- Successfully complete and present an Honors Thesis or Capstone Project
- Be in good standing in the University Honors Program at the time of graduation

Other Program Requirements

- A minimum grade of “C” is required for each RECR or non-RECR course taken in Area F, Major Requirements, Areas of Emphasis, and Guided Major Electives.

Advisement

Contact the College of Behavioral and Social Sciences Student Services Center for information regarding admission and advisement.
## Recreation B.S. (Emphasis in Recreational Therapy)

**Degree Requirements: 124 Credit Hours**

*See Core Curriculum for required courses in Area A1 through Area E.*

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional Requirements</td>
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</tr>
<tr>
<td><strong>Area F - Courses Appropriate to Major</strong></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All Recreation students must take RECR 1530 and RECR 2530</td>
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<tr>
<td></td>
<td>CHFD 2137 Lifespan Development</td>
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<tr>
<td></td>
<td>RECR 1530 Introduction to Recreation</td>
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<td></td>
<td>RECR 2131 Introduction to Recreational Therapy</td>
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<tr>
<td></td>
<td>RECR 2530 Leadership and Programming in Leisure Services</td>
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<tr>
<td></td>
<td>Select 6 credit hours from list of adviser approved Area F electives (see Other Program Requirements)</td>
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<tr>
<td><strong>Major Requirements</strong></td>
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<td></td>
<td>RECR 4430 Financial and Legal Dimensions of Recreation</td>
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<td>RECR 4435 Managing Recreation Organizations</td>
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<td>RECR 4530 Marketing Recreation Services</td>
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<td>RECR 4790 Internship</td>
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<tr>
<td><strong>Recreational Therapy Emphasis</strong></td>
<td>19</td>
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<tr>
<td></td>
<td>KINS 2511 Human Anatomy and Physiology I Laboratory</td>
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<td>KINS 2531 Human Anatomy and Physiology I</td>
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<td></td>
<td>PSYC 3101 Abnormal Psychology</td>
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<td>RECR 3135 Program Planning in Recreational Therapy</td>
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<td>RECR 4130 Assessment in Recreational Therapy</td>
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<td></td>
<td>RECR 4135 Intervention Techniques in Recreational Therapy</td>
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<td></td>
<td>RECR 4730 Professional Advancement in Recreational Therapy</td>
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<tr>
<td><strong>Guided Major Electives</strong></td>
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<tr>
<td></td>
<td>Suggested Minors or areas of interest include: Anthropology, Biology, Business, Child and Family Development, Coaching, Health Education and Promotion, Criminal Justice, Geography, Geographic Information Science, History, Hospitality Management, Journalism, Marketing, Management, Public Relations, Psychology, Sociology, Sport Management</td>
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</tr>
<tr>
<td><strong>Elective</strong></td>
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<tr>
<td></td>
<td>Select 5 credit hours of Electives</td>
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</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
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</tr>
</tbody>
</table>

### Program Admission Criteria

- 2.0 GPA for Outdoor Recreation, Recreational Therapy, and Tourism and Community Leisure Services
- 2.0 GPA to enroll in Internship
- Students must complete all Area A1 and Area A2 requirements and Introduction to Recreation (RECR 1530) prior to admission to the program.

### Honors in Recreation

- Be admitted to the University Honors Program
- Successfully complete at least three credits of HONS 4610 over three semesters
- Successfully complete and present an Honors Thesis or Capstone Project
- Be in good standing in the University Honors Program at the time of graduation

### Other Program Requirements

- A minimum grade of “C” is required for each RECR or non-RECR course taken in Area F, Major Requirements, Areas of Emphasis, and Guided Major Electives.

### Advisement

Contact the College of Behavioral and Social Sciences Student Services Center for information regarding admission and advisement.

## Recreation B.S. (Emphasis in Tourism and Community Leisure Services)

**Degree Requirements: 124 Credit Hours**

*See Core Curriculum for required courses in Area A1 through Area E.*

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td><strong>Area F - Courses Appropriate to Major</strong></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All Recreation students must take RECR 1530 and RECR 2530</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RECR 1530 Introduction to Recreation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RECR 2530 Leadership and Programming in Leisure Services</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select 12 credit hours from list of adviser approved Area F electives (see Other Program Requirements)</td>
<td></td>
</tr>
<tr>
<td><strong>Major Requirements</strong></td>
<td>21</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RECR 4430 Financial and Legal Dimensions of Recreation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RECR 4435 Managing Recreation Organizations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RECR 4530 Marketing Recreation Services</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RECR 4790 Internship</td>
<td></td>
</tr>
<tr>
<td><strong>Tourism and Community Leisure Services Emphasis</strong></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RECR 3335 Tourism Management</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RECR 3338 Resort &amp; Commercial Recreation Operations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RECR 3430 Conference and Event Planning</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RECR 4630 Professional Development in Recreation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Directed Upper Division Recreation Elective</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Directed Upper Division Recreation Elective</td>
<td></td>
</tr>
<tr>
<td><strong>Guided Major Electives</strong></td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

*See Core Curriculum for required courses in Area A1 through Area E.*
Suggested Minors or areas of interest include:
- Anthropology
- Biology
- Business
- Child and Family Development
- Coaching
- Health Education and Promotion
- Criminal Justice
- Geography
- Geographic Information Science
- History
- Hospitality Management
- Journalism
- Marketing
- Management
- Public Relations
- Psychology
- Sociology
- Sport Management

**Program Admission Criteria**

- 2.0 GPA for Outdoor Recreation, Recreational Therapy, and Tourism and Community Leisure Services
- 2.0 GPA to enroll in Internship
- Students must complete all Area A1 and Area A2 requirements and Introduction to Recreation (RECR 1530) prior to admission to the program.

**Honors in Recreation**

- Be admitted to the University Honors Program
- Successfully complete at least three credits of HONS 4610 over three semesters
- Successfully complete and present an Honors Thesis or Capstone Project
- Be in good standing in the University Honors Program at the time of graduation

**Other Program Requirements**

- A minimum grade of “C” is required for each RECR or non-RECR course taken in Area F, Major Requirements, Areas of Emphasis, and Guided Major Electives.

**Advisement**

Contact the College of Behavioral and Social Sciences Student Services Center for information regarding admission and advisement.

**Parker College of Business**

The Parker College of Business at Georgia Southern University is part of a comprehensive, regional university. At the undergraduate level, we provide the Bachelor of Business Administration degree with majors in accounting, economics, finance, information systems, supply chain management, management, and marketing. At the graduate level, we provide the Master of Business Administration, online MBA, Master of Accounting, WebMACC, and online Master of Science in Applied Economics degrees to prepare students for accounting and management positions of significant responsibility. Our degree programs are accredited by the AACSB, an affiliation that underscores the Parker College’s dedication to continuous improvement and commitment to excellence. Our accounting programs hold separate AACSB accreditation.

**Teaching in the Parker College:**

We endeavor to prepare career-ready professionals. This motivates our teaching. We equip students with the knowledge, critical thinking skills, and relevant tools for professional success. Our curriculum is driven by and evolves with informed theory and best practices. The learning environment we create within the classroom and beyond attracts students to the Parker College and inspires them to learn. This rich learning environment creates demand for our graduates.

**Research in the Parker College:**

Our desire to produce career-ready professionals motivates the growth of our intellectual capital through rigorous and meaningful inquiry. Our scholarship supports our distinctiveness and represents the source of our expertise in the classroom and in the academic and business communities. We value scholarship that informs theory, practice and teaching. Our inquiry is validated through a diverse portfolio of scholarly and professional activities.

**Service in the Parker College:**

Service is a professional activity and is an important way by which we renew ourselves. We value service activities that leverage our position and expertise as teacher-scholars and researchers. Service provides benefits for our students, the professions they will enter, and the brand, the Parker College or University. Because not all service activities are equal, we assess and recognize our service in terms of its overall impact.

**Parker College Structure**

- Department of Economics (p. 126)
- Department of Enterprise Systems and Analytics (p. 128)
- Department of Finance (p. 132)
- Department of Logistics and Supply Chain Management (p. 134)
- Department of Management (p. 136)
- Department of Marketing (p. 140)
- School of Accountancy (p. 143)

**Student Learning Outcomes**

The faculty and staff of the Parker College are committed to providing academic programs that will enable our graduates to:

1. Solve problems using concepts across the disciplines within the Parker College.
2. Interpret the business implications of global and cultural diversity.
3. Recognize the importance of ethical business practices.
4. Be effective communicators.
5. Use data to support informed business decisions.

**Experiential Learning Opportunities**

**Internships**

Internship opportunities are available through the Office of Experiential Learning and Student Engagement, located in the Parker College on the Statesboro campus. Internships are supervised work-study programs, designed to allow upper division students an opportunity to receive practical experience in their chosen field of study. Prerequisites include junior standing, a review of academic qualifications, and approval of the director. Students should contact Director Danielle Smith for further information.
Co-op allows students the opportunity to gain work experience related to their academic major while earning a salary. To participate in a cooperative education opportunity, a student must have completed at least 30 credit hours of instruction, have a grade point average of at least 2.5, and be willing to participate in a minimum of two alternating co-op work semesters. Work responsibilities and salaries are determined by the employer. Co-op students register for the designated Cooperative Education section. This is a non-credit course.

B.B.A. Specific Requirements

- BBA degrees require up to 30 credit hours of coursework under the heading “Specific Requirements Beyond Areas A1-F” and another 24 under the heading “Major Requirements” for a total up to 54 credit hours of courses related to the major. In addition to University graduation requirements, at least half of the 48 credit hour total (i.e., 24 credit hours) must be taken at Georgia Southern for a BBA student to qualify for graduation.

- To qualify for graduation, BBA students must:
  a. make a minimum grade of “C” in all courses used to satisfy their “Major Requirements” and
  b. make a minimum grade of “C” in all courses in Area F as well as in the business core courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSA 3131</td>
<td>Foundations of Business Analytics I</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 3132</td>
<td>Foundations of Business Analytics II</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 4131</td>
<td>Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>FINC 3131</td>
<td>Principles of Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 3130</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 3131</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>OSCM 3430</td>
<td>Operations and Supply Management</td>
<td>3</td>
</tr>
<tr>
<td>CISM 3131</td>
<td>Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4130</td>
<td>Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

Minors

- Business Analytics Interdisciplinary Minor (p. 131)
- Economics Minor (p. 128)
- Enterprise Resources Planning (ERP) Systems Minor (p. 132)
- Entrepreneurship and Innovation Minor (p. 137)
- Finance Minor (p. 133)
- Information Systems Minor (p. 132)
- Management Minor (p. 140)

Certificates

- Financial Technology (FinTech) Certificate Program (p. 134)
- Fraud Examination Certificate (p. 145)

Advisement

Undergraduate

Academic advisement for all B.B.A. business majors on the Statesboro campus is managed by the College of Business Student Services Center.

Location: Room 1100 and 2219, College of Business
Telephone: (912) 478-0085

Academic advisement for all B.B.A. business majors on the Armstrong campus takes place in the Student Success Center building.

Location: Room 128
Telephone: (912) 344-2641

Contacts

Dean: Allen C. Amason
College of Business Room 2254
P.O. Box 8002
(912) 478-2622
E-mail address: aamason@georgiasouthern.edu

Associate Dean of Academic Affairs & Faculty Affairs: Rand Ressler
College of Business Room 2253C
P.O. Box 8002
(912) 478-5107
E-mail address: rressler@georgiasouthern.edu

Assistant Dean of Student and External Relations: Cindy H. Randall
College of Business Room 2253D
P.O. Box 8002
(912) 478-5107
E-mail address: crandall@georgiasouthern.edu
Department of Economics

Economics

This major is designed to give the student in business a broad knowledge of economic tools to provide a foundation for careers in business, economics, finance, or law.

Economics Major Without an Area of Emphasis

An economics major exposes the student to the different areas of economics. Because of the breadth of this degree, it allows maximum flexibility and prepares graduates to enter a wide variety of occupations or attend professional or graduate school in business, economics, finance, government, or law. Economics majors also have the option of receiving either the Bachelor of Arts or the Bachelor of Business Administration degree.

Emphasis in International Business

This curriculum prepares the student to access and respond to opportunities and problems of international trade, international finance, multinational markets, and multinational organizations.

Programs

Majors

- Economics B.A. (p. 126)
- Economics B.B.A. (p. 126)

Minors

- Economics Minor (p. 128)

Economics B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
</tr>
<tr>
<td>Additional Requirements</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>CISM 2530</td>
</tr>
<tr>
<td>ECON 2105</td>
</tr>
<tr>
<td>ECON 2106</td>
</tr>
<tr>
<td>MATH 1232</td>
</tr>
<tr>
<td>Foreign Language</td>
</tr>
<tr>
<td>Major Requirements</td>
</tr>
<tr>
<td>STAT 1401 or BUSA 3131</td>
</tr>
<tr>
<td>STAT 1402 or BUSA 3132</td>
</tr>
<tr>
<td>ECON 3131</td>
</tr>
<tr>
<td>ECON 3231</td>
</tr>
<tr>
<td>ECON 4131</td>
</tr>
<tr>
<td>ECON XXXX</td>
</tr>
</tbody>
</table>

Economics B.B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
</tr>
<tr>
<td>Additional Requirements</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>ACCT 2101</td>
</tr>
<tr>
<td>ACCT 2102</td>
</tr>
<tr>
<td>BUSA 1105</td>
</tr>
<tr>
<td>CISM 2530</td>
</tr>
<tr>
<td>ECON 2105</td>
</tr>
<tr>
<td>ECON 2106</td>
</tr>
<tr>
<td>Specific Requirements Beyond Areas A1-F</td>
</tr>
<tr>
<td>BUSA 3131</td>
</tr>
<tr>
<td>BUSA 3132</td>
</tr>
<tr>
<td>BUSA 4131</td>
</tr>
<tr>
<td>CISM 3131</td>
</tr>
<tr>
<td>FINC 3131</td>
</tr>
<tr>
<td>LSTD 2106</td>
</tr>
</tbody>
</table>

Honors in Economics

To graduate with Honors in Economics, a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620);¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Honors classes where appropriate.

¹ Note: Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620) together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085
Student Success Center (Armstrong)
(912) 344-3226

Minor

Select 15 credit hours of Minor courses | 15 |

Electives

Select 9 credit hours of Electives | 9 |

Total Credit Hours | 124 |

Honors in Economics

To graduate with Honors in Economics, a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620);¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Honors classes where appropriate.

¹ Note: Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620) together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085
Student Success Center (Armstrong)
(912) 344-3226
Honors in Economics

To graduate with Honors in Economics, a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620);¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the College of Parker Business are strongly encouraged to take Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Principles of Accounting I (ACCT 2101), Principles of Accounting II (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085
Student Success Center (Armstrong)
(912) 344-3226

Economics B.B.A. (International Business Emphasis)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>General Requirements (Core Areas A - E)</td>
</tr>
<tr>
<td>4</td>
<td>Additional Requirements</td>
</tr>
<tr>
<td>18</td>
<td>Area F - Courses Appropriate to Major</td>
</tr>
</tbody>
</table>

Honors in Economics

To graduate with Honors in Economics-International Business Emphasis, a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620);¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Principles of Accounting I (ACCT 2101), Principles of Accounting II (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.
Advisement
Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085
Student Success Center (Armstrong)
(912) 344-3226

Economics Minor

Contact
Room 1101, College of Business Building - Statesboro Campus
Student Success Center - Armstrong Campus

The minor in economics is an excellent choice for students who want a basic understanding of economics to complement their major field of study.

Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 2105</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2106</td>
<td>3</td>
</tr>
<tr>
<td>Choose one of the following</td>
<td>3</td>
</tr>
<tr>
<td>ECON 3131</td>
<td>Intermediate Macroeconomics</td>
</tr>
<tr>
<td>ECON 3231</td>
<td>Intermediate Microeconomics</td>
</tr>
<tr>
<td>ECON - Three upper-division economics courses</td>
<td>9</td>
</tr>
</tbody>
</table>

Total Credit Hours: 15-18

Department of Enterprise Systems and Analytics

Information Systems

The Information Systems (IS) degree program combines knowledge of leading edge information technologies with an understanding of the ever-changing needs of today’s dynamic business environment. As such, it attracts students who are interested in working with technology to find solutions to business problems. While a fundamental understanding of information technology is a cornerstone of the degree, an equally important and distinguishing element of the IS degree is a solid foundation in basic business functions. Students may major in IS without an area of emphasis or may select one of the following three emphasis areas.

Business Intelligence Emphasis

The BI emphasis focuses on the use of information technology to identify trends and hidden patterns in an organization’s data and external environment, and then predicts how these trends and patterns will impact the organization’s activities and ultimate success. Students pursuing this emphasis will be prepared to assist companies in the identification and development of competitive strategies, as well as in the management of corporate knowledge. Potential employers include consulting companies, ERP developers, as well as thousands of companies that adopt or wish to adopt ERP systems.

Students who pursue an emphasis in the area of Business Intelligence or Enterprise Resource Planning Systems may receive an SAP Student Recognition Award certificate and be eligible for SAP’s TERP-10 Certification program.

Enterprise Security Emphasis

The ES emphasis focuses on the development and administration of security policies as they pertain to the management of information systems. Students pursuing this emphasis will be prepared to assist companies in the design, implementation, and management of secure information systems and networks. In today’s security-conscious world, virtually every organization is a potential employer of students who pursue this option.

Programs

Majors

- Information Systems B.B.A. (p. 128)
- Information Systems B.B.A. (Business Intelligence Emphasis) (p. 129)
- Information Systems B.B.A. (Enterprise Security Emphasis) (p. 131)

Minors

- Business Analytics Interdisciplinary Minor (p. 131)
- Enterprise Resources Planning (ERP) Systems Minor (p. 132)
- Information Systems Minor (p. 132)

Information Systems B.B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2101</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>ACCT 2102</td>
<td>Principles of Accounting II</td>
</tr>
<tr>
<td>BUSA 1105</td>
<td>Introduction to Business</td>
</tr>
<tr>
<td>CISM 2530</td>
<td>Advanced Business Applications</td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106)</td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>BUSA 3131</td>
<td>Foundations of Business Analytics I</td>
</tr>
<tr>
<td>BUSA 3132</td>
<td>Foundations of Business Analytics II</td>
</tr>
<tr>
<td>BUSA 4131</td>
<td>Strategic Management</td>
</tr>
<tr>
<td>CISM 3131 or ACCT 4130</td>
<td>Management Information Systems Accounting Information Systems</td>
</tr>
<tr>
<td>FINC 3131</td>
<td>Principles of Corporate Finance</td>
</tr>
<tr>
<td>LSTD 2106</td>
<td>Legal Environment of Business (if ECON 2015 taken in Area E, then substitute into Area F)</td>
</tr>
</tbody>
</table>
Information Systems B.B.A.  
(Business Intelligence Emphasis)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CISM 2030</td>
<td>3</td>
</tr>
<tr>
<td>or CSCI 1236</td>
<td>3</td>
</tr>
<tr>
<td>or CSCI 1301</td>
<td>3</td>
</tr>
<tr>
<td>CISM 3133</td>
<td>3</td>
</tr>
<tr>
<td>CISM 3134</td>
<td>3</td>
</tr>
<tr>
<td>CISM 3135</td>
<td>3</td>
</tr>
<tr>
<td>CISM 3333</td>
<td>3</td>
</tr>
<tr>
<td>CISM 4135</td>
<td>3</td>
</tr>
<tr>
<td>Two upper-division CISM courses (6) OR one upper division CISM course (3) and one upper division (3) course in a closely-related discipline as approved by the Information Systems Department Chair</td>
<td>6-12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th>6-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 6 credit hours of Electives (should be chosen in consultation with the student’s advisor) unless ECON 2105 and/or MATH 1232 used to meet requirements in Area A-E, in which case students will take up to 12 credit hours of electives</td>
<td></td>
</tr>
</tbody>
</table>

Honors in Information Systems

To graduate with Honors in Information Systems, a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620);¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Principles of Accounting I (ACCT 2101), Principles of Accounting II (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0086
Student Success Center (Armstrong)
(912) 344-3226

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A through Area E.

Credit Hours

<table>
<thead>
<tr>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Requirements</td>
<td>4</td>
</tr>
</tbody>
</table>

Area F - Courses Appropriate to Major

| ACCT 2101 | Principles of Accounting I | 3 |
| ACCT 2102 | Principles of Accounting II | 3 |
| BUSA 1105 | Introduction to Business   | 3 |
| CISM 2530 | Advanced Business Applications | 3 |
| ECON 2105 | Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106) | 3 |
| ECON 2106 | Principles of Microeconomics | 3 |

Specific Requirements Beyond Area A1-F

| BUSA 3131 | Foundations of Business Analytics I | 3 |
| BUSA 3132 | Foundations of Business Analytics II | 3 |
| BUSA 4131 | Strategic Management                | 3 |
| CISM 3131 | Management Information Systems      | 3 |
| or ACCT 4130 | Accounting Information Systems   | 3 |
| FINC 3131 | Principles of Corporate Finance     | 3 |
| LSTD 2106 | Legal Environment of Business (if ECON 2105 taken in Area E, then substitute into Area F) | 0-3 |
| MATH 1232 | Survey of Calculus (if not taken in Area A-E) | 0-3 |

Major Requirements

| CISM 2030 | Introduction to Business Programming | 3 |
| or CSCI 1236 | Introduction to Java Programming | 3 |
| or CSCI 1301 | Programming Principles I | 3 |
| CISM 3133 | Database Management                  | 3 |
| CISM 3134 | Enterprise Infrastructure and Security | 3 |
| CISM 3135 | Enterprise Systems Analysis and Design | 3 |
| CISM 3333 | ERP Systems Using SAP                | 3 |
| CISM 4135 | Project Management and Development  | 3 |
| CISM 4434 | Enterprise System Configuration      | 3 |

Select two of the following:

| CISM 4237 | Business Intelligence               | 6 |
| CISM 4335 | Advanced Business Applications Programming (ABAP) for the SAP/ERP System | 6 |
| CISM 4336 | ERP and Enterprise Performance      | 6 |
| CISM 4435 | ERP Web Portal Customization and Collaboration using SAP NetWeaver | 6 |
| CISM 4436 | SAP TERP10 Review                   | 6 |
| CISM 4790 | Internship in Information Systems   | 6 |

Electives

Select 3 credit hours of Electives (should be chosen in consultation with the student’s advisor) unless ECON 2105 and/or MATH 1232 used to meet requirements in Area A-E, in which case students will take up to 9 credit hours of electives.

Honors in Information Systems

To graduate with Honors in Information Systems, a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUS 3610) and Business Seminar (BUS 3620);¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUS 1105) , Principles of Macroeconomics (ECON 2105) , Principles of Accounting I (ACCT 2101) , Principles of Accounting II (ACCT 2102) , Legal Environment of Business (LSTD 2106) , and Advanced Business Applications (CISM 2530).

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085
Student Success Center (Armstrong)
(912) 344-3226
Information Systems B.B.A. (Enterprise Security Emphasis)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional Requirements</td>
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<tr>
<td>Area F - Courses Appropriate to Major</td>
<td></td>
<td></td>
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<tr>
<td>ACCT 2101</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2102</td>
<td>Principles of Accounting II</td>
<td>3</td>
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<tr>
<td>BUSA 1105</td>
<td>Introduction to Business</td>
<td>3</td>
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<tr>
<td>CISM 2530</td>
<td>Advanced Business Applications</td>
<td>3</td>
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<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106)</td>
<td>3</td>
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<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
<td>3</td>
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<tr>
<td>Specific Requirements Beyond Area A1-F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSA 3131</td>
<td>Foundations of Business Analytics I</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 3132</td>
<td>Foundations of Business Analytics II</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 4131</td>
<td>Strategic Management</td>
<td>3</td>
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<tr>
<td>CISM 3131</td>
<td>Management Information Systems</td>
<td>3</td>
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<tr>
<td>or ACCT 4130</td>
<td>Accounting Information Systems</td>
<td></td>
</tr>
<tr>
<td>FINC 3131</td>
<td>Principles of Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td>LSTD 2106</td>
<td>Legal Environment of Business (if ECON 2105 taken in Area E, then substitute into Area F)</td>
<td>0-3</td>
</tr>
<tr>
<td>MATH 1232</td>
<td>Survey of Calculus (if not taken in Area A-E)</td>
<td>0-3</td>
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<tr>
<td>MGMT 3130</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 3131</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>OSCM 3430</td>
<td>Operations and Supply Management</td>
<td>3</td>
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<td>Major Requirements</td>
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<td></td>
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<tr>
<td>CISM 2030</td>
<td>Introduction to Business Programming</td>
<td>3</td>
</tr>
<tr>
<td>or CSCI 1236</td>
<td>Introduction to Java Programming</td>
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<tr>
<td>or CSCI 1301</td>
<td>Programming Principles I</td>
<td></td>
</tr>
<tr>
<td>CISM 3134</td>
<td>Enterprise Infrastructure and Security</td>
<td>3</td>
</tr>
<tr>
<td>CISM 3135</td>
<td>Enterprise Systems Analysis and Design</td>
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<td>CISM 3133</td>
<td>Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CISM 3333</td>
<td>ERP Systems Using SAP</td>
<td>3</td>
</tr>
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<td>CISM 4135</td>
<td>Project Management and Development</td>
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<td>Select three of the following (at least one must be a CISM Course):</td>
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<tr>
<td>CISM 3331</td>
<td>Principles of Enterprise Information Systems Security</td>
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</tr>
<tr>
<td>CISM 4238</td>
<td>Network Administration</td>
<td></td>
</tr>
<tr>
<td>CISM 4790</td>
<td>Internship in Information Systems</td>
<td></td>
</tr>
<tr>
<td>IT 2333</td>
<td>IT Infrastructure</td>
<td></td>
</tr>
<tr>
<td>IT 4234</td>
<td>Datacenter Management</td>
<td></td>
</tr>
<tr>
<td>IT 4335</td>
<td>Network Architecture</td>
<td></td>
</tr>
<tr>
<td>IT 5433</td>
<td>Information Storage and Management</td>
<td></td>
</tr>
<tr>
<td>IT 5434</td>
<td>Network Security Fundamentals</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>Select 3 credit hours of Electives (should be chosen in consultation with the student’s advisor) unless ECON 2105 and/or MATH 1232 used to meet requirements in Area A-E, in which case students will take up to 9 credit hours of electives</td>
<td>3-9</td>
</tr>
<tr>
<td>Honors in Information Systems</td>
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</table>

To graduate with Honors in Information Systems, a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620);¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Principles of Accounting I (ACCT 2101), Principles of Accounting II (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085
Student Success Center (Armstrong)
(912) 344-3226

Business Analytics Interdisciplinary Minor

Contact

Department of Enterprise Systems and Analytics
College of Business Building, Room 2202
(912) 478-4747
or Parker College of Business Student Services Center

The Business Analytics minor is an ideal course of study for business and non-business students seeking a comprehensive introduction to the emerging field of business analytics.

Prerequisite(s)

For business students:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>ACCT 2101 Principles of Accounting I</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2102</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 3131</td>
<td>Foundations of Business Analytics I</td>
<td>3</td>
</tr>
<tr>
<td>CISM 2530</td>
<td>Advanced Business Applications</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>
For students with declared majors in other colleges:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BUSA 3131</td>
<td>Foundations of Business Analytics I</td>
<td>3</td>
</tr>
<tr>
<td>or STAT 1401</td>
<td>Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td>MATH 2130</td>
<td>Discrete Mathematics</td>
<td>3</td>
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<td>Total Credit Hours</td>
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**Minor Program**

<table>
<thead>
<tr>
<th>Required Course(s)</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BUSA 3132 - Foundations of Business Analytics II</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 4133 - Predictive Analytics</td>
<td>3</td>
</tr>
<tr>
<td>or BUSA 4134 - Business Analysis Models</td>
<td></td>
</tr>
<tr>
<td>CISM 3133 - Database Management</td>
<td>3</td>
</tr>
<tr>
<td>or CSCI 3432 - Database Systems</td>
<td></td>
</tr>
<tr>
<td>or IT 3233 - Database Design and Implementation</td>
<td></td>
</tr>
<tr>
<td>CISM 4237 - Business Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>or IT 4136 - Knowledge Discovery and Data Mining</td>
<td></td>
</tr>
<tr>
<td>or CISM 4437 - Data Mining for Business Analytics</td>
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<table>
<thead>
<tr>
<th>Elective(s)</th>
<th>Select one of the following:</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BUSA 4134 - Business Analysis Models</td>
<td>3</td>
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<tr>
<td>CISM 4239 - Advanced Business Analytics with SAP HANA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 4131 - Applied Econometrics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FINC 3231 - Investments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT 5135 - Data Analytics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOGT 4234 - Analytical Tools in Logistics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MKTG 4131 - Marketing Research</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OSCM 4436 - Supply Chain Analytics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

**Enterprise Resources Planning (ERP) Systems Minor**

**Contact**

Dr. Yoris Au, Chair  
Department of Enterprise Systems and Analytics  
College of Business Building, Room 2202  
(912) 478-4747

The ERP Systems minor is an ideal course of study for business and non-business students seeking a comprehensive introduction to enterprise systems. It provides a course of study leading to the SAP University Alliances Student Recognition Award and satisfies eligibility requirements for participating in the SAP TERP10 Student Certification Academy.

**Prerequisite(s):**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ACCT 3131</td>
<td>Intermediate Accounting I (prerequisite for ACCT 4130 - Accounting Information Systems)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Information Systems Minor**

**Contact**

Dr. Yoris Au, Chair  
Department of Enterprise Systems and Analytics  
College of Business Building, Room 2202  
(912) 478-4747

Minor Program

<table>
<thead>
<tr>
<th>Required Course(s)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2030 - Survey of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>or ACCT 2102 - Principles of Accounting II</td>
<td></td>
</tr>
<tr>
<td>ACCT 4130 - Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>or CISM 3131 - Management Information Systems</td>
<td></td>
</tr>
<tr>
<td>CISM 3333 - ERP Systems Using SAP</td>
<td>3</td>
</tr>
<tr>
<td>Select two of the following:</td>
<td>6</td>
</tr>
<tr>
<td>CISM/MGMT 4333 - Human Resource Information Systems</td>
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<tr>
<td>CISM 4335 - Advanced Business Applications Programming (ABAP) for the SAP/ERP System</td>
<td></td>
</tr>
<tr>
<td>CISM 4237 - Business Intelligence</td>
<td></td>
</tr>
<tr>
<td>CISM 4336 - ERP and Enterprise Performance</td>
<td></td>
</tr>
<tr>
<td>CISM 4434 - Enterprise System Configuration</td>
<td></td>
</tr>
<tr>
<td>CISM 4435 - ERP Web Portal Customization and Collaboration using SAP NetWeaver</td>
<td></td>
</tr>
<tr>
<td>CISM 4436 - SAP TERP10 Review</td>
<td></td>
</tr>
<tr>
<td>CISM 4790 - Internship in Information Systems</td>
<td></td>
</tr>
<tr>
<td>OSCM 4436 - Supply Chain Analytics</td>
<td></td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td>15</td>
</tr>
</tbody>
</table>

**Department of Finance**

**Finance**

Study in this area develops familiarity with the institutions and instruments within our financial system and an understanding of the problems of financing business activity. The finance major includes the study of the techniques and tools for solving financial problems. The curriculum
is flexible, exposing students to general areas of applied financial management.

**Programs**

**Majors**

- Finance B.B.A. (p. 133)

**Minors**

- Finance Minor (p. 133)

### Finance B.B.A.

#### Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Additional Requirements</td>
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<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>ACCT 2101 Principles of Accounting I</td>
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<td></td>
<td>ACCT 2102 Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BUSA 1105 Introduction to Business</td>
<td>3</td>
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<tr>
<td></td>
<td>CISM 2530 Advanced Business Applications</td>
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<tr>
<td></td>
<td>ECON 2105 Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106)</td>
<td>3</td>
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<tr>
<td></td>
<td>ECON 2106 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Specific Requirements Beyond Areas A1-F</td>
<td>BUSA 3131 Foundations of Business Analytics I</td>
<td>3</td>
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<tr>
<td></td>
<td>BUSA 3132 Foundations of Business Analytics II</td>
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<td>BUSA 4131 Strategic Management</td>
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<td>CISM 3131 Management Information Systems</td>
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<td></td>
<td>FINC 3131 Principles of Corporate Finance</td>
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<td></td>
<td>LSTD 2106 Legal Environment of Business (if ECON 2105 taken in Area E, then substitute into Area F)</td>
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<td></td>
<td>MATH 1232 Survey of Calculus (if not taken in Area A-E)</td>
<td>0-3</td>
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<tr>
<td></td>
<td>MGNT 3130 Principles of Management</td>
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<td>MKTG 3131 Principles of Marketing</td>
<td>3</td>
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<td></td>
<td>OSCM 3430 Operations and Supply Management</td>
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<td>Major Requirements</td>
<td>FINC 3132 Intermediate Financial Management</td>
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<td>FINC 3231 Investments</td>
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<td></td>
<td>FINC 3531 Principles of Risk and Insurance</td>
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<td>FINC 4231 Personal Financial Planning</td>
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<tr>
<td>Select four of the following:</td>
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<tr>
<td>FINC 3130 Financial Tools and Methods</td>
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<td>FINC 3133 International Finance</td>
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<tr>
<td>FINC 3134 Enterprise Risk Management</td>
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<td>FINC 3331 Financial Institutions</td>
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<tr>
<td>FINC 4232 Security Analysis</td>
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<td>FINC 4233 Estate Planning</td>
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<td>FINC 4234 Personal Insurance Planning</td>
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<tr>
<td>FINC 4331 Bank Management</td>
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<tr>
<td>FINC 4332 Bank Management II</td>
<td></td>
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<tr>
<td>FINC 4333 Commercial Bank Lending</td>
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</tbody>
</table>

| FINC 4431 | Principles of Real Estate |
| FINC 4433 | Real Estate Appraiser |
| FINC 4435 | Real Estate Finance and Investments |
| FINC 4532 | Life, Health and Retirement Planning |
| FINC 4534 | Commercial Risk Management and Insurance |
| FINC 4535 | Insurance Industry Operations |
| FINC 4790 | Internship in Finance |
| FINC 4830 | Special Problems in Finance |

**Electives**

Select 12 credit hours of Electives (should be chosen in consultation with the student’s advisor) unless ECON 2105 and/or MATH 1232 used to meet requirements in Area A-E in which case students will take up to 12 credit hours of electives.

A maximum of 6 credit hours of experiential learning (e.g., Internship, Eagles on Wall Street, and Business Abroad) may count toward major elective credits.

#### Honors in Finance

To graduate with Honors in Finance, a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620); ¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

**Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Principles of Accounting I (ACCT 2101), Principles of Accounting II (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).**

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

### Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085

Student Success Center (Armstrong)
(912) 344-3226

### Finance Minor

**Contact**

Dr. John Hatem
College of Business Building
Room 3310
(912) 478-5216

**Minor Program**

The Finance minor is open to students who want a basic understanding of finance to complement their major field of study.
Financial Technology (FinTech) Certificate Program

Contact
Dr. Joseph Ruhland, Chair
Department of Finance
College of Business Building, Room 3310
(912) 478-5216

Requirements: 12 Credit Hours

This certificate program consists of 12 semester hours (4 courses) of undergraduate education designed to prepare students for careers in the financial technology sector. The curriculum encompasses financial modeling, use of software- and web-based platforms for accessing, monitoring and analyzing real-time financial market data, development and use of computer-based systems for supporting decision-making, and the application of data mining techniques within a business context.

Program of Study

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CISM 4237</td>
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<tr>
<td>CISM 4437</td>
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</tr>
<tr>
<td>FINC 3130</td>
<td>3</td>
</tr>
<tr>
<td>FINC 4830</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 12

Certificate Admission Criteria

Admission to the undergraduate Financial Technology (FinTech) certificate program is open to all students of any major or discipline enrolled at Georgia Southern University. Students who wish to complete the certificate must declare their intentions to their Academic Advising Center.

Prerequisites

The prerequisites for being enrolled in each course includes:

- FINC 3130: Financial Tools and Methods (Prerequisite(s): C in FINC 3131)
- FINC 4830: Special Problems in Finance (Prerequisite(s): Junior standing)
- CISM 4237: Business Intelligence (Prerequisite(s): C in CISM 2530 and Junior standing or C in IT 3233)
- CISM 4437: Data Mining for Business Analytics (Prerequisite(s): C in BUSA 3131)

Department of Logistics and Supply Chain Management

Supply Chain Management (Emphasis in Logistics and Intermodal Transportation)

Logistics and Intermodal Transportation (LIT) is a degree program that leverages the University’s proximity to the Port of Savannah and Hartsfield Jackson International Airport. LIT serves the needs of dynamic industry sectors. A degree in Logistics and Intermodal Transportation prepares students for the many jobs available in this challenging and rapidly expanding field. Basic LIT courses focus on logistics and transportation concepts and principles. Advanced courses focus on logistics operations, international logistics, and intermodal distribution issues. Internships are typically available and strongly recommended for qualified students.

Supply Chain Management (Emphasis in Operations and Supply Management)

The OSM emphasis prepares students for a variety of positions in both manufacturing and service supply chains. Courses are designed to prepare not only for a first job after graduation but also for one’s whole career. The program seeks to develop critical thinking skills and opportunities to apply these skills in operations strategy, demand and supply planning, service operations, six sigma and continuous improvement, strategic sourcing and negotiations, inventory management, global supply networks, and supply chain analytics. Students are also encouraged to pursue internships as part of their studies.

Programs

Majors

- Supply Chain B.B.A. (Emphasis in Operations and Supply Management) (p. 134)
- Supply Chain Management B.B.A. (Emphasis in Logistics and Intermodal Transportation) (p. 135)

Minors

No results were found.

Supply Chain B.B.A. (Emphasis in Operations and Supply Management)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2101</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2102</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 1105</td>
<td>3</td>
</tr>
<tr>
<td>CISM 2530</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2105</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2106</td>
<td>3</td>
</tr>
</tbody>
</table>
 Specific Requirements Beyond Area A1-F

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSA 3131</td>
<td>Foundations of Business Analytics I</td>
</tr>
<tr>
<td>BUSA 3132</td>
<td>Foundations of Business Analytics II</td>
</tr>
<tr>
<td>BUSA 4131</td>
<td>Strategic Management</td>
</tr>
<tr>
<td>CISM 3131</td>
<td>Management Information Systems</td>
</tr>
<tr>
<td>FINC 3131</td>
<td>Principles of Corporate Finance</td>
</tr>
<tr>
<td>LSTD 2106</td>
<td>Legal Environment of Business (if ECON 2105 taken in Area E, then substitute into Area F)</td>
</tr>
<tr>
<td>MATH 1232</td>
<td>Survey of Calculus (if not taken in Area A-E)</td>
</tr>
<tr>
<td>MGNT 3130</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>MKTG 3131</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>OSCM 3430</td>
<td>Operations and Supply Management</td>
</tr>
</tbody>
</table>

 Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOGT 2232</td>
<td>Introduction to Supply Chain Management</td>
</tr>
<tr>
<td>LOGT 3232</td>
<td>Logistics and Supply Chain Strategy</td>
</tr>
<tr>
<td>OSCM 3437</td>
<td>Service Operations Management</td>
</tr>
<tr>
<td>OSCM 4431</td>
<td>Supply Management</td>
</tr>
<tr>
<td>OSCM 4435</td>
<td>Six Sigma and Continuous Improvement</td>
</tr>
<tr>
<td>OSCM 4436</td>
<td>Supply Chain Analytics</td>
</tr>
<tr>
<td>OSCM 4438</td>
<td>Negotiation</td>
</tr>
</tbody>
</table>

 Electives (select one of the following):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSA 4133</td>
<td>Predictive Analytics</td>
</tr>
<tr>
<td>CISM 3333</td>
<td>ERP Systems Using SAP</td>
</tr>
<tr>
<td>CISM 4335</td>
<td>Advanced Business Applications Programming (ABAP) for the SAP/ERP System</td>
</tr>
<tr>
<td>CISM 4336</td>
<td>ERP and Enterprise Performance</td>
</tr>
<tr>
<td>CISM 4434</td>
<td>Enterprise System Configuration</td>
</tr>
<tr>
<td>CISM 4435</td>
<td>ERP Web Portal Customization and Collaboration using SAP NetWeaver</td>
</tr>
<tr>
<td>CISM 4436</td>
<td>SAP TERP10 Review</td>
</tr>
<tr>
<td>LOGT 4030</td>
<td>Special Topics in Logistics</td>
</tr>
<tr>
<td>LOGT 4231</td>
<td>Logistics and Intermodal Transportation Operations</td>
</tr>
<tr>
<td>LOGT 4232</td>
<td>International Supply Chain Systems</td>
</tr>
<tr>
<td>LOGT 4233</td>
<td>Logistics Executive in Residence</td>
</tr>
<tr>
<td>LOGT 4234</td>
<td>Analytical Tools in Logistics</td>
</tr>
<tr>
<td>LOGT 4263</td>
<td>Logistics and Intermodal Transportation Capstone</td>
</tr>
<tr>
<td>LOGT 4790</td>
<td>Internship in Logistics</td>
</tr>
<tr>
<td>LOGT 4830</td>
<td>Special Problems in Logistics</td>
</tr>
</tbody>
</table>

 Electives

Select 6 credits of Electives (should be chosen in consultation with the student's advisor) unless ECON 2105 and/or MATH 1232 are used to meet requirements in Areas A-E in which case students will take up to 12 credit hours of Electives.

Total Credit Hours: 124

Honors in Management

To graduate with Honors in Operations and Supply Management a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUS 3610) and Business Seminar (BUS 3620);[^1]
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUS 1105), Principles of Macroeconomics (ECON 2105), Principles of Accounting I (ACCT 2101), Principles of Accounting II (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

[^1]: Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085
Student Success Center (Armstrong)
(912) 344-3226

Supply Chain Management B.B.A.
(Emphasis in Logistics and Intermodal Transportation)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>18</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>0-3</td>
</tr>
<tr>
<td>0-3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 4130</td>
<td>Accounting Information Systems</td>
</tr>
<tr>
<td>or CISM 3131</td>
<td>Management Information Systems</td>
</tr>
<tr>
<td>BUSA 3131</td>
<td>Foundations of Business Analytics I</td>
</tr>
<tr>
<td>BUSA 3132</td>
<td>Foundations of Business Analytics II</td>
</tr>
<tr>
<td>BUSA 4131</td>
<td>Strategic Management</td>
</tr>
<tr>
<td>FINC 3131</td>
<td>Principles of Corporate Finance</td>
</tr>
<tr>
<td>LSTD 2106</td>
<td>Legal Environment of Business (if ECON 2105 taken in Area E, then substitute into Area F)</td>
</tr>
<tr>
<td>MATH 1232</td>
<td>Survey of Calculus (if not taken in Area A-E)</td>
</tr>
<tr>
<td>MGNT 3130</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>MKTG 3131</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>OSCM 3430</td>
<td>Operations and Supply Management</td>
</tr>
</tbody>
</table>

Major Requirements
Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0086
Student Success Center (Armstrong)
(912) 344-3226

Department of Management

Management

This major emphasizes the integrative nature of the management discipline in planning, organizing, leading, and controlling contemporary profit and non-profit organizations. The program includes the study of both qualitative and quantitative contributions from the management sciences to provide the student with modern analytic concepts, tools, and techniques that can be used as aids to managerial decision-making. Various teaching methods are used in an effort to bring reality to classroom considerations of relevant business problems. The student who wishes to major in management can select one of four options:

1. The management major without an area of emphasis;
2. the management major with an emphasis in entrepreneurship and innovation;
3. the management major with an emphasis in hospitality management;
4. the management major with an emphasis in human resource management.

Management Major Without an Area of Emphasis

This major is intended to expose students to entrepreneurship, hospitality management, and human resources, as well as general management principles and practices.

Emphasis in Entrepreneurship and Innovation

This Entrepreneurship and Innovation Program is designed for persons whose career aspirations include starting, managing, and developing their own businesses. The distinguishing characteristic of the emphasis is that it focuses on teaching students how to assume total responsibility for a business enterprise. This emphasis is especially appealing to self-motivated individuals who prefer to be their own bosses and who are unafraid of expressing and taking action on their ideas.

Emphasis in Hospitality Management

This Hospitality Program is designed to prepare students for careers in Restaurant or Hotel Management. Upon the completion of course work a semester long paid internship is required. This is intended to give students hands-on experience to complement their studies and to serve as a bridge to help start their careers.

Emphasis in Human Resource Management (HRM)

The human resource management emphasis allows a student to specialize in the study of personnel administration and human resource management. While this emphasis is especially appealing to individuals whose career aspirations are focused on working in the human resources management areas, the collection of courses included in this emphasis are relevant to managers in all areas of today’s organizations.

Programs

Majors

- Management B.B.A. (p. 137)
- Management B.B.A. (Emphasis in Entrepreneurship and Innovation) (p. 137)
- Management B.B.A. (Emphasis in Hospitality Management) (p. 138)

Minors

- Entrepreneurship and Innovation Minor (p. 137)
- Management Minor (p. 140)
Entrepreneurship and Innovation Minor

Contact
Dr. Steve Charlier, Chair
Department of Management
College of Business Building
Room 3355
(912) 478-5985

Minor Program

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>MGMT 3234</td>
<td>Fundamentals of Entrepreneurship</td>
</tr>
<tr>
<td>3</td>
<td>MGMT 4234</td>
<td>Intermediate Entrepreneurship</td>
</tr>
<tr>
<td>3</td>
<td>MGMT 4235</td>
<td>New Venture Finance</td>
</tr>
<tr>
<td>3</td>
<td>MGMT 4236</td>
<td>Entrepreneurship and Innovation Capstone</td>
</tr>
</tbody>
</table>

Choose one from among:

<table>
<thead>
<tr>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 3131 Intermediate Accounting I</td>
</tr>
<tr>
<td>CISM 4135 Project Management and Development</td>
</tr>
<tr>
<td>ECON 4333 Managerial Economics</td>
</tr>
<tr>
<td>ECON 4431 Economic Development</td>
</tr>
<tr>
<td>FINC 3132 Intermediate Financial Management</td>
</tr>
<tr>
<td>HNRM 3331 Hospitality Industry Management I</td>
</tr>
<tr>
<td>MGMT 3235 Leadership in Organizations</td>
</tr>
<tr>
<td>MKTG 3133 Professional Selling</td>
</tr>
<tr>
<td>MKTG 3136 Introduction to E-Commerce</td>
</tr>
<tr>
<td>MKTG 4131 Marketing Research</td>
</tr>
<tr>
<td>OSCM 4431 Supply Management</td>
</tr>
</tbody>
</table>

Total Credit Hours: 15

Management B.B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LSTD 2106</td>
<td>Legal Environment of Business (if ECON 2105 taken in Area E, then substitute into Area F)</td>
</tr>
<tr>
<td></td>
<td>MATH 1232</td>
<td>Survey of Calculus (if not taken in Area A-E)</td>
</tr>
<tr>
<td>3</td>
<td>MGMT 3130</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>3</td>
<td>MKTG 3131</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>3</td>
<td>OSCM 3430</td>
<td>Operations and Supply Management</td>
</tr>
</tbody>
</table>

Major Requirements

<table>
<thead>
<tr>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 3134 Behavior in Organizations</td>
</tr>
<tr>
<td>MGMT 3234 Fundamentals of Entrepreneurship</td>
</tr>
<tr>
<td>MGMT 3235 Leadership in Organizations</td>
</tr>
<tr>
<td>MGMT 3334 Human Resource Management</td>
</tr>
<tr>
<td>MGMT 4230 International Management</td>
</tr>
<tr>
<td>MGMT XXXX Upper Division MGMT elective courses</td>
</tr>
</tbody>
</table>

non-MGMT elective courses in COBA may be substituted upon approval by Chair of Department of Management

Electives

Select 6 credit hours of Electives (should be chosen in consultation with the student's advisor) unless ECON 2105 and/or MATH 1232 are used to meet requirements in Areas A-E in which case students will take up to 12 credit hours of Electives

Honors in Management

To graduate with Honors in Management a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620); 1
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Financial Accounting (ACCT 2101), Managerial Accounting (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

1 Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085

Student Success Center (Armstrong)
(912) 344-3226

Management B.B.A. (Emphasis in Entrepreneurship and Innovation)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.
To graduate with Honors in Management a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620); ¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUSA 1105), Principles of Microeconomics (ECON 2105), Financial Accounting (ACCT 2101), Managerial Accounting (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

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(912) 344-3226

Management B.B.A. (Emphasis in Hospitality Management)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Requirements</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area F - Courses Appropriate to Major</th>
<th>18</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2101 Principles of Accounting I</td>
<td></td>
</tr>
<tr>
<td>ACCT 2102 Principles of Accounting II</td>
<td></td>
</tr>
<tr>
<td>BUSA 1105 Introduction to Business</td>
<td></td>
</tr>
<tr>
<td>CISM 2530 Advanced Business Applications</td>
<td></td>
</tr>
<tr>
<td>ECON 2105 Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106)</td>
<td></td>
</tr>
<tr>
<td>ECON 2106 Principles of Microeconomics</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific Requirements Beyond Area A1-F</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSA 3131 Foundations of Business Analytics I</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 3132 Foundations of Business Analytics II</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 4131 Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>CISM 3131 Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>FINC 3131 Principles of Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td>LSTD 2106 Legal Environment of Business (if ECON 2105 taken in Area E, substitute LSTD 2106)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1232 Survey of Calculus (if not taken in Area A-E)</td>
<td>0-3</td>
</tr>
<tr>
<td>MGNT 3130 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>OSCM 3430 Operations and Supply Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 3131 Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MGNT 3134 Behavior in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MGNT 3234 Fundamentals of Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>MGNT 3334 Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGNT 4230 International Management</td>
<td>3</td>
</tr>
<tr>
<td>MGNT 4234 Intermediate Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>MGNT 4235 New Venture Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGNT 4236 Entrepreneurship and Innovation Capstone</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one from among the following: 3

| ACCT 3131 Intermediate Accounting I | |
| CISM 4135 Project Management and Development | |
| ECON 4333 Managerial Economics | |
| ECON 4431 Economic Development | |
| FINC 3132 Intermediate Financial Management | |
| HNRM 3331 Hospitality Industry Management I | |
| MGNT 3235 Leadership in Organizations | |
| MKTG 3133 Professional Selling | |
| MKTG 3136 Introduction to E-Commerce | |
| MKTG 4131 Marketing Research | |
| OSCM 4431 Supply Management | |

Electives

Select 6 credit hours of Electives (should be chosen in consultation with the student’s advisor) unless ECON 2105 and/or MATH 1232 are used to meet requirements in Areas A-E in which case students will take up to 12 credit hours of Electives

| Total Credit Hours | 124 |

Honors in Management

To graduate with Honors in Management a student must:
MATH 1232  Survey of Calculus (if not taken in Area A-E) 0-3
MGNT 3130  Principles of Management 3
MKTG 3131  Principles of Marketing 3
OSCM 3430  Operations and Supply Management 3

Major Requirements
HNRM 3331  Hospitality Industry Management I 3
HNRM 3336  Hotel Operations 3
HNRM 3337  Promoting the Hospitality Industry 3
HNRM 4334  Food and Beverage Operations 3
HNRM 4730  Internship in Hospitality Management 3
MGNT 4230  International Management 3
MGNT or HNRM - Upper Division Electives 6

Electives
Select 6 credit hours of Electives (should be chosen in consultation with the student’s advisor) unless ECON 2105 and/or MATH 1232 are used to meet requirements in Areas A-E in which case students will take up to 12 credit hours of Electives

Honors in Management
To graduate with Honors in Management a student must:
• be admitted to the University Honors Program;
• successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620);¹
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Financial Accounting (ACCT 2101), Managerial Accounting (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).¹

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement
Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085
Student Success Center (Armstrong)
(912) 344-3226

Management B.B.A. (Emphasis in Human Resource Management)

Degree Requirements: 124 Credit Hours
See Core Curriculum for required courses and credit hours in Area A1 through Area E.

Credit Hours
General Requirements (Core Areas A - E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major

ACCT 2101  Principles of Accounting I 3
ACCT 2102  Principles of Accounting II 3
BUSA 1105  Introduction to Business 3
CISM 2530  Advanced Business Applications 3
ECON 2105  Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106) 3
ECON 2106  Principles of Microeconomics 3

Health and Physical Education Activities
HLTH 1520  Healthful Living 2
Physical Education Activities 2

Orientation
FYE 1220  First-Year Seminar 2

Specific Requirements Beyond Area A1-F
BUSA 3131  Foundations of Business Analytics I 3
BUSA 3132  Foundations of Business Analytics II 3
BUSA 4131  Strategic Management 3
CISM 3131  Management Information Systems 3
FINC 3131  Principles of Corporate Finance 3
LSTD 2106  Legal Environment of Business (if ECON 2105 taken in Area E, then substitute into Area F) 0-3
MATH 1232  Survey of Calculus (if not taken in Area A-E) 0-3
MGNT 3130  Principles of Management 3
MKTG 3131  Principles of Marketing 3
OSCM 3430  Operations and Supply Management 3

Major Requirements
MGNT 3134  Behavior in Organizations 3
MGNT 3334  Human Resource Management 3
MGNT 4230  International Management 3
MGNT/LSTD 4334  Employment Law and Legislative Compliance 3
MGNT 4332  Compensation and Benefits 3
MGNT/CISM 4333  Human Resource Information Systems 3
MGNT 4335  Labor Relations 3
MGNT 4338  Staffing, Training, and Development 3

Electives
Select 6 credit hours of Electives (should be chosen in consultation with the student’s advisor) unless ECON 2105 and/or MATH 1232 are used to meet requirements in Areas A-E in which case students will take up to 12 credit hours of Electives 6-12

Honors in Management
To graduate with Honors in Management a student must:
• be admitted to the University Honors Program;
• successfully complete Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620);¹
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Principles of Accounting I (ACCT 2101) Managerial Accounting (ACCT 2102), Legal Environment of
Management Minor

Contact
Dr. Steven Charlier, Chair
Department of Management
College of Business Building, Room 3355
(912) 478-5985

Minor Program

ACCT 2030 Survey of Accounting ¹ 3
MGNT 3130 Principles of Management 3
MGNT - Upper Division Electives 9
Total Credit Hours 15

¹ May be satisfied by ACCT 2101 Principles of Accounting I (3) and ACCT 2102 Principles of Accounting II (3)

Department of Marketing

Marketing
Preparation in this area will provide the student with an awareness of the marketing problems confronting today’s business firms, some knowledge and experience in application of the tools and techniques of marketing problem solving and a more detailed acquaintance with one or more specific areas of the marketing discipline. Students may choose to major in general marketing or in one of the three emphasis areas under marketing.

The Marketing Major Without an Area of Emphasis
The general marketing track is the most flexible and supports the largest number of career opportunities in the field of marketing.

Emphasis in Fashion Merchandising
The fashion merchandising emphasis is designed to provide the student with a broad knowledge of business and marketing while stressing the areas of retailing and fashion.

Emphasis in Retailing Management
The retailing management emphasis is for students interested in retail careers or in marketing positions where knowledge of retailing is important.

Emphasis in Sales and Sales Management
The sales and sales management emphasis is for the student interested in sales as an entry-level marketing position or in sales as a career.

Programs

Majors
- Marketing B.B.A. (Emphasis in Fashion Merchandising) (p. 140)
- Marketing B.B.A. (Emphasis in Retailing Management) (p. 141)
- Marketing B.B.A. (Emphasis in Sales and Sales Management) (p. 142)
- Marketing B.B.A. (Without Area of Emphasis) (p. 142)

Minors
No results were found.

Marketing B.B.A. (Emphasis in Fashion Merchandising)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core Areas A - E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major
ACCT 2101 Principles of Accounting I 3
ACCT 2102 Principles of Accounting II 3
BUSA 1105 Introduction to Business 3
CISM 2530 Advanced Business Applications 3
ECON 2105 Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106) 3
ECON 2106 Principles of Microeconomics 3

Specific Requirements Beyond Area A1-F
BUSA 3131 Foundations of Business Analytics I 3
BUSA 3132 Foundations of Business Analytics II 3
BUSA 4131 Strategic Management 3
CISM 3131 Management Information Systems 3
FINC 3131 Principles of Corporate Finance 3
LSTD 2106 Legal Environment of Business (if ECON 2105 taken in Area E, then substitute into Area F) 0-3
MATH 1232 Survey of Calculus (if not taken in Area A-E) 0-3

Special Requirements
MGNT 3130 Principles of Management 3
OSCM 3430 Operations and Supply Management 3
MKTG 3131 Principles of Marketing 3

Major Requirements
FMAD 1110 Fashion Fundamentals 3
FMAD 3232 Principles of Merchandising 3
MKTG 3135 Principles of Retailing 3
MKTG 4131 Marketing Research 3
MKTG 4132 Retail Store Management 3
MKTG 4136 International Marketing 3
MKTG 4137 Marketing Management 3
MKTG XXXX Upper Division Elective Approved by an Advisor 3
Honors in Marketing

To graduate with Honors in Marketing, a student must:

- be admitted to the University Honors Program;
- successfully complete the following courses: Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620); ¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Financial Accounting (ACCT 2101), Managerial Accounting (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement

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(912) 478-0085
Student Success Center (Armstrong)
(912) 344-3226

Marketing B.B.A. (Emphasis in Retailing Management)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

Credit Hours

General Requirements (Core Areas A - E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major 18
ACCT 2101 Principles of Accounting I
ACCT 2102 Principles of Accounting II
BUSA 1105 Introduction to Business
CISM 2530 Advanced Business Applications
ECON 2105 Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106)
ECON 2106 Principles of Microeconomics
Specific Requirements Beyond Area A1-F 24-30
BUSA 3131 Foundations of Business Analytics I
BUSA 3132 Foundations of Business Analytics II

Honors in Marketing

To graduate with Honors in Marketing, a student must:

- be admitted to the University Honors Program;
- successfully complete the following courses: Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620); ¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take the following honors courses: Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Principles of Accounting I (ACCT 2101), Principles of Accounting II (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

Advisement

Parker College of Business
Student Services Center
College of Business Building (Statesboro)
(912) 478-0085
Student Success Center (Armstrong)
(912) 344-3226
## Marketing B.B.A. (Emphasis in Sales and Sales Management)

### Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Area F - Courses Appropriate to Major</td>
<td>18</td>
</tr>
<tr>
<td>ACCT 2101</td>
<td>Principles of Accounting I</td>
<td></td>
</tr>
<tr>
<td>ACCT 2102</td>
<td>Principles of Accounting II</td>
<td></td>
</tr>
<tr>
<td>BUSA 1105</td>
<td>Introduction to Business</td>
<td></td>
</tr>
<tr>
<td>CISM 2530</td>
<td>Advanced Business Applications</td>
<td></td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106)</td>
<td></td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
<td></td>
</tr>
</tbody>
</table>

### Specific Requirements 24-30

| BUSA 3131 | Foundations of Business Analytics I |
| BUSA 3132 | Foundations of Business Analytics II |
| BUSA 4131 | Strategic Management                |
| CISM 3131 | Management Information Systems      |
| FINC 3131 | Principles of Corporate Finance      |
| LSTD 2106 | Legal Environment of Business (if ECON 2105 taken in Area E, then substitute into Area F) |
| MATH 1232 | Survey of Calculus (if not taken in Area A-E) |
| MGMT 3130 | Principles of Management             |
| MKTG 3131 | Principles of Marketing              |
| OSCM 3430 | Operations and Supply Management     |

### Major Requirements 24

| MKTG 3133 | Professional Selling                  |
| MKTG 4131 | Marketing Research                    |
| MKTG 4133 | Sales Management                      |
| MKTG 4136 | International Marketing               |
| MKTG 4137 | Marketing Management                  |
| MKTG 4232 | Advanced Selling                      |
| MKTG XXXX | Upper Division Elective Approved by an Advisor |
| MKTG XXXX | Upper Division Elective Approved by an Advisor |

### Electives 6-12

Select 6 credit hours of Electives (should be chosen in consultation with the student’s advisor) unless ECON 2105 and/or MATH 1232 are used to meet requirements in Areas A-E in which case students will take up to 12 credit hours of Electives.

Total Credit Hours 124

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### Honors in Marketing

To graduate with Honors in Marketing, a student must:

- be admitted to the University Honors Program;
- successfully complete the following honors courses: Research Seminar (BUSA 3610) and Business Seminar (BUSA 3620); ¹
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take the following honors courses: Introduction to Business (BUSA 1105), Principles of Macroeconomics (ECON 2105), Principles of Accounting I (ACCT 2101), Principles of Accounting II (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

¹ Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

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### Advisement

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## Marketing B.B.A. (Without Area of Emphasis)

### Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Area F - Courses Appropriate to Major</td>
<td>18</td>
</tr>
<tr>
<td>ACCT 2101</td>
<td>Principles of Accounting I</td>
<td></td>
</tr>
<tr>
<td>ACCT 2102</td>
<td>Principles of Accounting II</td>
<td></td>
</tr>
<tr>
<td>BUSA 1105</td>
<td>Introduction to Business</td>
<td></td>
</tr>
<tr>
<td>CISM 2530</td>
<td>Advanced Business Applications</td>
<td></td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106)</td>
<td></td>
</tr>
<tr>
<td>ECON 2106</td>
<td>Principles of Microeconomics</td>
<td></td>
</tr>
</tbody>
</table>

### Specific Requirements Beyond Area A1-F 24-30

| BUSA 3131 | Foundations of Business Analytics I |

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¹ Major Requirements - Students interested in the Real Estate Industry may take from the list below in place of one of the MKTG elective. MGMT 3234 Entrepreneurship MGMT 3235 Leadership in Organizations FINC 3531 Principles of Risk and Insurance FINC 4231 Personal Finance FINC 4431 Principles of Real Estate FINC 4433 Real Estate Appraisal CISM 3333 ERP using SAP CISM 4239 Business Analytics
School of Accountancy

Accounting

According to the Association of International Certified Professional Accountants and the American Accounting Association “Accounting is the art of recording, classifying and summarizing in a significant manner and in terms of money, transactions and events, which are, in part at least, of a financial character and interpreting the result thereof”. The accounting profession offers almost infinite opportunities for men and women to build exciting and rewarding careers. Technology is driving changes in the way business is done, which means more new opportunities for accounting professionals who are prepared to support organizations of all sizes and structures to harness the enormous potential of transactional information and the technologies used to capture and report that information. Accountants and auditors are the most trusted financial information professionals.

The accounting program at Georgia Southern University is one of only 189 accredited by the AACSB, the international business, and accounting accrediting organization.

Students are offered the following curriculum options:

4- Year Track - B.B.A.

The four-year program, B.B.A., prepares students for a wide range of professional careers in industry, finance, government, and non-profit organizations. This program includes accounting coursework that prepares students for work in areas such as fraud examination, financial management, financial reporting and analysis, internal auditing, data analytics and management consulting. Upon completion of the 4-year track, students receive the Bachelor of Business Administration degree. Students may want to also minor in another area of business to enhance their business skill sets. Many Accounting students find that Information Systems is a very valuable added area of emphasis. Students should also consider completing the highly regarded Certificate in Fraud Examination.

5- Year Track – B.B.A. & M.Acc.

The five-year professional accounting program, B.B.A. plus M.Acc., prepares students for careers in public accounting as certified public accountants (CPA). In order to become certified in the State of Georgia, candidates must have 150 credit hours of college education. During the last year of BBA coursework, highly qualified students apply for and are competitively admitted to the Master of Accounting program. During the fifth year, students complete 30 additional credit hours of accounting and graduate electives to complete their Masters’ level education. This program includes accounting coursework that prepares them for work as objective advisors for their clients, providing such services as auditing and assurance services, data analytics, sustainability and environmental accounting, forensic accounting, information technology services, international accounting, consulting services, government and not-for-profit financial services, personal financial planning, and tax advisory services. Graduate students in the MAcc also have the opportunity to earn a Certificate in Taxation and a Certificate in Forensic Accounting. Please refer to the graduate portion of the catalog for a detailed description of the Master of Accounting degree.

1 Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

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WebMAcc

We also offer a highly ranked online Masters of Accounting called the WebMAcc as an alternative to the M.Acc. The online program is taught by the same high-quality faculty who teach in our traditional on-campus Master of Accounting. More information is available in the Graduate catalog.
Programs

Majors

- Accounting B.B.A. (p. 144)

Minors

No results were found.

Accounting B.B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses and credit hours in Area A1 through Area E.

<table>
<thead>
<tr>
<th>General Requirements (Core Areas A - E)</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td><strong>Area F - Courses Appropriate to Major</strong></td>
<td><strong>18</strong></td>
</tr>
<tr>
<td>ACCT 2101 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2102 Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUSA 1105 Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>CISM 2530 Advanced Business Applications</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2105 Principles of Macroeconomics (if taken in Area E, substitute LSTD 2106)</td>
<td>0-3</td>
</tr>
<tr>
<td>ECON 2106 Principles of Microeconomics</td>
<td>3</td>
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</tbody>
</table>

Specific Requirements Beyond Area F

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 3131 Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 3132 Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 3231 Managerial Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 3330 Income Tax</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4133 Intermediate Accounting III</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4430 Auditing</td>
<td>3</td>
</tr>
<tr>
<td>ACCT XXXX Any approved 4000 level Elective</td>
<td>6</td>
</tr>
</tbody>
</table>

Electives

Select 6 credit hours of Electives (should be chosen in consultation with the student’s advisor) unless ECON 2105 and/or MATH 1232 are used to meet requirements in Areas A-E in which case students will take up to 12 credit hours of Electives

Total Credit Hours: 124

Honors in Accounting

To graduate with Honors in Accounting, a student must:

- be admitted to the University Honors Program;
- successfully complete Research Seminar (BUS 3610) and Business Seminar (BUS 3620);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Honors students in the Parker College of Business are strongly encouraged to take Introduction to Business (BUS 1105), Principles of Macroeconomics (ECON 2105), Financial Accounting (ACCT 2101), Managerial Accounting (ACCT 2102), Legal Environment of Business (LSTD 2106), and Advanced Business Applications (CISM 2530).

1 Note: BUSA 3610 and BUSA 3620 together count toward a business degree program as 3 hours of free elective credit, meaning that business honors students have 3 hours less of free elective credit towards their degree than non-honors business students.

School of Accountancy (SOA) Progression Requirements

1. Accounting majors must earn a minimum grade of “C” in all required accounting courses in order to progress in the accounting program.
2. A student may repeat a maximum of two required accounting courses.
3. Students will not be allowed to repeat an accounting course more than twice.
4. A student who earns a grade of “D”, “F”, or “W” in a required accounting course and wishes to continue in the major must write a letter directed to the SOA Director requesting permission to continue in the accounting major. Students should submit the letter a minimum of three weeks prior to the anticipated date of reentry into an accounting course. Requests to repeat a course are considered by the School of Accountancy Undergraduate Student Affairs Committee on an individual basis and the student is notified in writing of the decision of the Committee. The committee will consider input from the student’s instructor(s) in making its decision and the submission of a letter requesting permission to retake the course constitutes permission for the committee to consult the instructor(s) for relevant information regarding the student’s performance in the course. If the approval is granted, the student may repeat the course at its next offering pending space availability.
5. Students given permission to repeat a required accounting course may be advised and/or required to complete a remedial study program to alleviate any areas of deficit identified by the student’s prior performance in the course. Denial of a request to repeat a required accounting course or a third failure to successfully complete a course (grade of “D”, “F”, or “W”) will result in the dismissal of the student from the accounting program/major.
6. Dismissal from the accounting program does not affect the ability of the student to progress in the College or the University in another major.
7. Students who are dismissed from the accounting program because they cannot enroll in a required accounting course (due to #2, #3 or #5) may appeal the program dismissal to the Dean of the College of Business or his/her delegate (Appeals Officer). Students who wish to appeal their dismissal should write a letter to the Appeals Officer requesting permission to continue in the accounting major.
8. Credit from Other Sources - A student is to obtain written permission from the SOA Director prior to registration for academic credit at other institutions or by independent study and will not be allowed to complete academic credit at other institutions for a course previously attempted at Georgia Southern University except in rare and exceptional circumstances.
9. Strict adherence to the American Institute of Certified Public Accountant’s Code of Professional Conduct is required of all
Accounting students. Failure to comply with these professional standards will result in review and action by the School of Accountancy faculty and could result in the student’s dismissal from the accounting program.

Advisement
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Student Success Center (Armstrong)
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Fraud Examination Certificate

Contact
Parker College of Business
School of Accountancy
Dr. Thomas Buckoff
College of Business Building, Room 2203
(912) 478-2228
Website: parker.georgiasouthern.edu/soa

Requirements: 12 Credit Hours

This certificate program consists of 12 semester hours (4 courses) of undergraduate education designed to prepare future fraud investigators. The curriculum encompasses fraud examination, white-collar crime, the criminal justice system, fraud-related legal issues, and forensic interviewing and interrogation. Graduates pursue careers as federal, state and local law enforcement officers, internal auditors, loss prevention specialists, corporate security specialists, private investigators, and fraud control specialists.

Program of Study

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ACCT 4631</td>
<td>Fraud Examination</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4632</td>
<td>Fraud Schemes</td>
<td>3</td>
</tr>
<tr>
<td>ACCT/LSTD 4633</td>
<td>Forensic Interviews and Interrogation</td>
<td>3</td>
</tr>
<tr>
<td>LSTD 3630</td>
<td>White Collar Crime</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 12

Certificate Admission Criteria

Admission to the undergraduate Fraud Examination certificate program is open to all students of any major or discipline enrolled at Georgia Southern University. Students who wish to complete the certificate must declare their intentions to their Academic Advising Center.

Prerequisites

The prerequisites for being enrolling in the undergraduate fraud examination course includes:

- Junior status (60 semester hours of credit), and
- Completion of Principles of Accounting I (ACCT 2101) for business majors, or Survey of Accounting (ACCT 2030) for non-business majors.

College of Education

Vision

We envision a College of Education that continues to grow in its national recognition for excellence and innovation in teaching, scholarship, and outreach; and becomes the choice for novice and experienced professionals desiring a high quality, flexible education to help them meet their individual intellectual and career goals.

Mission

The mission of the College of Education is to prepare students to teach, lead, counsel, and model life-long learning; engage in scholarship that provides new pathways to meet the needs of a dynamic, diverse society; and facilitate access to learning opportunities that are authentic, student-centered, and technology-rich.

College Structure

- Department of Curriculum, Foundations and Reading (p. 146)
- Department of Elementary and Special Education (p. 146)
- Department of Leadership, Technology and Human Development (p. 151)
- Department of Middle Grades and Secondary Education (p. 152)

Programs

Majors

- Child and Family Development B.S. Concentration in Birth Through Kindergarten (Certification Track) (p. 147)
- Child and Family Development B.S. Concentration in Birth-Kindergarten (Non-Certification Track) (p. 147)
- Elementary Education B.S.Ed. (Certification Track) (p. 148)
- Elementary Education B.S.Ed. Professional Studies (Non-Certification Track) (p. 149)
- Health and Physical Education B.S.Ed. (Certification Track) (p. 153)
- Health and Physical Education B.S.Ed. Professional Studies (Non-Certification Track) (p. 154)
- Middle Grades Education B.S.Ed. (Certification Track) (p. 154)
- Middle Grades Education B.S.Ed. Professional Studies (Non-Certification Track) (p. 156)
- Secondary Education B.S.Ed. (Emphasis in Biology Education - Certification Track) (p. 157)
- Secondary Education B.S.Ed. (Emphasis in Chemistry Education - Certification Track) (p. 158)
- Secondary Education B.S.Ed. (Emphasis in English Education - Certification Track) (p. 159)
- Secondary Education B.S.Ed. (Emphasis in History Education - Certification Track) (p. 160)
- Secondary Education B.S.Ed. (Emphasis in Mathematics Education - Certification Track) (p. 161)
- Secondary Education B.S.Ed. (Emphasis Physics - Certification Track) (p. 162)
- Secondary Education B.S.Ed. - Professional Studies (Emphasis in Biology - Non-Certification Track) (p. 163)
- Secondary Education B.S.Ed. - Professional Studies (Emphasis in Chemistry - Non-Certification Track) (p. 164)
- Secondary Education B.S.Ed. - Professional Studies (Emphasis in English - Non-Certification Track) (p. 164)
- Secondary Education B.S.Ed. - Professional Studies (Emphasis in History - Non-Certification Track) (p. 165)
• Secondary Education B.S.Ed. - Professional Studies (Emphasis in Mathematics-Non-Certification Track) (p. 166)
• Secondary Education B.S.Ed. - Professional Studies (Emphasis in Physics - Non-Certification Track) (p. 167)
• Special Education B.S.Ed. (Certification Track) (p. 150)
• Special Education B.S.Ed. Professional Studies (Non-Certification Track) (p. 151)

Minors
• Instructional Design and Technology Minor (p. 152)

Endorsement
• Gifted In-field Undergraduate Endorsement (Online) (p. 152)

Advising
Education majors are assigned to a professional advisor for program planning and course scheduling. On the Statesboro Campus advisors are located in the Student Success Center in the College of Education Building Room 1107. On the Armstrong Campus COE advisors are located in the Student Success Center. Since the College’s programs are developed to enable students to meet the certification requirements of the Georgia Professional Standards Commission, it is critical that students meet with their advisor to plan their program of study. All students must complete the core curriculum; however, in order to meet the requirements of the teaching field, professional education, and certification, it is advisable for students to declare an intent to major in education before the second semester of the sophomore year. Prior to admission into the Teacher Education Program, students are designated as non-certification education majors. For additional information or questions, contact Christina Thompson on the Statesboro Campus at (912) 478-0698 or cjthomp@georgiasouthern.edu, or Angela Mills-Fleming on the Armstrong Campus at (912) 344-2552 or amills@georgiasouthern.edu.

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Interim Dean: Dr. Amy Heaston
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FAX: (912) 478-5093
aheaston@georgiasouthern.edu

Associate Dean for Graduate Education and Research:
Dr. Tracy Linderholm
1100 College of Education Building
P. O. Box 8013
Statesboro, GA 30460
(912) 478-5648
FAX: (912) 478-5093
tlinderholm@georgiasouthern.edu

Associate Dean for Initial Educator Preparation and Assessment
Dr. Deborah Thomas
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(912) 344-2797
FAX: (912) 478-1068
debthom@georgiasouthern.edu

Department of Curriculum, Foundations and Reading

The Department of Curriculum, Foundations and Reading provides a service function to all other programs in the College. Undergraduate and graduate level courses are offered in the areas of educational foundations, educational psychology, curriculum theory and development, reading education, and educational research. The Department also offers several graduate degree programs: A master’s degree program in reading education and in evaluation, assessment, research, and learning; an education specialist degree program in reading education; and a doctoral degree program in curriculum studies. In addition to degree programs, the department offers the reading endorsement and graduate certificates in applied research and evaluation and in curriculum and pedagogy for social justice.

Programs

The department provides courses for all other programs in the College of Education. Undergraduate courses are offered in the areas of educational foundations, educational psychology, reading education, and educational research. The department also provides three pre-professional block (PPB) courses.

Majors
No results were found.

Minors
No results were found.

Department of Elementary and Special Education

The Department of Elementary and Special Education at Georgia Southern University offers undergraduate degree programs that lead to initial teacher certification in the areas of birth through kindergarten, elementary education (P-5), special education (P-12), and elementary education and special education combined (P-5). Each area also offers non-certification tracks that provide students interested in education the opportunity to take coursework with planned minors and concentrations. At the graduate level, the department offers initial certification Master of Arts in Teaching (M.A.T.) degrees in elementary education (P-5) and special education (P-12), Master of Education (M.Ed.) degrees in elementary education (P-5) and special education (P-12) and special education (P-12), with concentrations in either general or adaptive curriculum, Education Specialist (Ed.S) degrees in elementary education (P-5) and special education (P-12), Endorsements in Autism, Positive Behavior Intervention Support and Special Education Transition Specialist. The department also offers an M.Ed. in Curriculum and Instruction that is part of a USG collaborative with Valdosta State and Columbus State Universities. Many graduate programs offered by the department are 100% online. All programs are based upon the concept of developmentally appropriate practices and value diverse, intensive field experiences in a range of grade levels and school settings.

Programs

Majors
• Child and Family Development B.S. Concentration in Birth Through Kindergarten (Certification Track) (p. 147)
• Child and Family Development B.S. Concentration in Birth-Kindergarten (Non-Certification Track) (p. 147)
• Elementary Education B.S.Ed. (Certification Track) (p. 148)
• Elementary Education B.S.Ed. Professional Studies (Non-Certification Track) (p. 149)
• Special Education B.S.Ed. (Certification Track) (p. 150)
• Special Education B.S.Ed. Professional Studies (Non-Certification Track) (p. 151)

Minors
No results were found.

Child and Family Development
B.S. Concentration in Birth Through Kindergarten
(Certification Track)

*The program will officially begin fall semester 2020, pending Georgia Professional Standards Commission approval. Students will be accepted for admission beginning fall semester 2020.

Degree Requirements: 124 Credit Hours

During the admission process, students interested in obtaining an initial teacher certification in the area of Birth Through Kindergarten must first declare a major in Child and Family Development with a concentration in Birth-Kindergarten Teacher Education (Non-Certification). At the completion of all course work through Area F in the program of study, students would then apply to the Teacher Education Program (see requirements for admission into the Teacher Education Program). If accepted to the Teacher Education Program, the student would continue coursework and clinical experiences within the Birth-Kindergarten Teacher Education (Certification Track). If students are not accepted into the Teacher Education Program or, if after admission, students do not maintain qualifications to remain in the Teacher Education Program (see requirements to remain in Teacher Education Program), students will complete the remainder of the program requirements for the Birth Through Kindergarten Non-Certification track.

| Credit Hours |.
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core A-E)</td>
<td>42</td>
</tr>
<tr>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td>Area F Courses Appropriate to Major</td>
<td>18</td>
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</table>

- **BKin 1200** Introduction to Early Childhood Education
- **BKin 2200** Health, Safety, and Wellness in Early Childhood
- **CHFD 2135** Child Development
- Pre-Professional Block
- **EDUC 2090** PPB Practicum
- **EDUC 2110** Investigating Critical and Contemporary Issues in Education
- **EDUC 2120** Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts
- **EDUC 2130** Exploring Learning and Teaching

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Requirements</td>
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</table>

- **BKin 3140** International Approaches of Early Care & Learning
- **BKin 3320** Social Studies and Social/Emotional Competence in Early Childhood Programs
- **BKin 3330** Science, Technology, Engineering & Mathematics in Early Childhood Programs

<table>
<thead>
<tr>
<th>BKin 3340</th>
<th>Art, Music &amp; Motor Development in BK Programs</th>
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<tr>
<td>BKin 3710</td>
<td>Guiding Children’s Behavior and Practicum</td>
</tr>
<tr>
<td>BKin 3720</td>
<td>Infant &amp; Toddler Methods and Practicum</td>
</tr>
<tr>
<td>BKin 3730</td>
<td>Preschool &amp; Pre-Kindergarten Methods and Practicum</td>
</tr>
<tr>
<td>BKin 4160</td>
<td>Organization and Administration of Early Childhood Programs</td>
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<tr>
<td>BKin 4250</td>
<td>Assessment of Children in Early Childhood Programs</td>
</tr>
<tr>
<td>BKin 4710</td>
<td>Preplanning</td>
</tr>
<tr>
<td>BKin 4798</td>
<td>Year-Long Clinical Pt. 1 and seminar</td>
</tr>
<tr>
<td>BKin 4799</td>
<td>Year-Long Clinical Pt. 2 and seminar</td>
</tr>
<tr>
<td>CHFD 3234</td>
<td>Young Children with Special Needs</td>
</tr>
<tr>
<td>CHFD 4150</td>
<td>Families, Schools, and Community Partnerships</td>
</tr>
<tr>
<td>READ 3231</td>
<td>Early Language and Literacy Development</td>
</tr>
<tr>
<td>SPED 5030</td>
<td>Infants, Toddlers with Disabilities Methods</td>
</tr>
<tr>
<td>SPED 5031</td>
<td>PreK and Kindergarteners with Disabilities Methods</td>
</tr>
</tbody>
</table>

Total Credit Hours 124

Other Program Requirements

- Students must earn a "B" or higher in Young Children with Special Needs (CHFD 3234)

Child and Family Development
B.S. Concentration in Birth-Kindergarten (Non-Certification Track)

*The program will officially begin fall semester 2020. Students will be accepted for admission beginning fall semester 2020.

Degree Requirements: 124 Credit Hours

The B.S. degree in Child and Family Development with a concentration in Birth Through Kindergarten Teacher Education (Non-Certification) track provides students who are interested in education the opportunity to take coursework leading to a broad understanding of the field. When accepted to the University all Child and Family Development majors concentrating in Birth Through Kindergarten (certification and non-certification) are enrolled into the non-certification track. **This track does NOT lead to teacher certification.** Upon meeting teacher education program admission requirements, those seeking teacher certification in Birth-Kindergarten will move into the B.S. Child and Family Development Birth-Kindergarten Certification track. All others will remain in the Non-Certification track.

<table>
<thead>
<tr>
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<tr>
<td>General Requirements (Core Areas A-E)</td>
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<td>Additional Requirements</td>
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<tr>
<td>Area F - Courses Appropriate to Concentration</td>
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</table>

- **BKin 1200** Introduction to Early Childhood Education
- **BKin 2200** Health, Safety, and Wellness in Early Childhood

<table>
<thead>
<tr>
<th>BKin 3140</th>
<th>Art, Music &amp; Motor Development in BK Programs</th>
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<tr>
<td>BKin 3710</td>
<td>Guiding Children’s Behavior and Practicum</td>
</tr>
<tr>
<td>BKin 3720</td>
<td>Infant &amp; Toddler Methods and Practicum</td>
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<td>BKin 4250</td>
<td>Assessment of Children in Early Childhood Programs</td>
</tr>
<tr>
<td>BKin 4710</td>
<td>Preplanning</td>
</tr>
<tr>
<td>BKin 4798</td>
<td>Year-Long Clinical Pt. 1 and seminar</td>
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<td>Infants, Toddlers with Disabilities Methods</td>
</tr>
<tr>
<td>SPED 5031</td>
<td>PreK and Kindergarteners with Disabilities Methods</td>
</tr>
</tbody>
</table>

Total Credit Hours 124
Elementary Education B.S.Ed. (Certification Track)

**Degree Requirements: 133 Credit Hours**

Additional admission requirements must be met to enter the Elementary Education B.S.Ed. Certification Track (See B.S.Ed. Teacher Education Admission Requirements). Students seeking teacher certification are first admitted to the Professional Studies Elementary Education B.S.Ed. Non-Certification Track. Upon meeting B.S.Ed. teacher education admission requirements at the completion of Area F, students will be admitted to the certification track. Successful completion of all program requirements and all Georgia Professional Standards Commission certification requirements will prepare an individual to gain teacher certification in Georgia.

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>General Requirements (Core A-E)</td>
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<tr>
<td>Additional Requirements</td>
<td>4</td>
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<tr>
<td>Area F - Courses Appropriate to Major</td>
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<tr>
<td>Pre-Professional Block</td>
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<tr>
<td>EDUC 2090 PPB Practicum</td>
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<tr>
<td>EDUC 2110 Investigating Critical and Contemporary Issues in Education</td>
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<tr>
<td>EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts</td>
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<tr>
<td>CHFD 1131 Introduction to Family Science</td>
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<td>CHFD 2130 Family Economic Environment</td>
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<td>CHFD 2136 Intro to Family Services</td>
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<tr>
<td>CHFD 3131 Birth to 5 Methods</td>
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</tr>
<tr>
<td>CHFD 3133 Diversity in Human Development</td>
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<td>CHFD 3135 Youth Development</td>
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<td>CHFD 3136 Adult Development and Later Life</td>
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<td>CHFD 3139 Parent Education and Guidance</td>
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<td>CHFD 4138 Professional Development</td>
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<td>CHFD 4790 Internship in Child and Family Development</td>
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<td>CHFD 3234 Young Children with Special Needs</td>
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<tr>
<td>CHFD 3137 Introduction to Child Life or CHFD 4237 Legal and Public Policies Affecting Families</td>
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<td>CHFD 4131 Teaching Preschool</td>
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<td>CHFD 4130 Administration of Programs for Children and Youth</td>
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<td>CHFD 4136 Assessment of Children</td>
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<td>COMM 1110 Public Speaking</td>
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</table>

**Program Admission Criteria**

See B.S.Ed. Teacher Education Admission Requirements

- Must be admitted into the Teacher Education Program and qualify for a Georgia Preservice Certificate
Other Program Requirements

- Must meet all requirements for retention in the Teacher Education Program and qualify for a Georgia Preservice Certificate
- Must earn a minimum grade of “C” on all courses in Area F of the Core, the teaching field, and professional education; earn an adjusted GPA of 2.75 or higher in the teaching field; and maintain overall cumulative GPA of 2.50 or higher
- Must successfully complete all field experiences
- Must take courses sequentially according to Area
- Courses in Area F must be taken prior to admission into the Teacher Education Program
- Take only one practicum course per semester
- Must meet requirements for admission to Student Teaching/Internship II; (See catalog section, Admission to Student Teaching)
- Must successfully complete assessments identified at each program transition point

Honors in Elementary Education

To graduate with Honors in Elementary Education, a student must:

- Be admitted to the University Honors Program;
- Successfully complete at least four credit hours of Honors Research Seminar Education (COED 3610) over four semesters;
- Successfully complete and present an Honors Thesis or Capstone Project;
- Be in good standing in the University Honors Program at the time of graduation.

Advisement

Each student in Elementary Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-Mail: cjthomp@georgiasouthern.edu.

Elementary Education B.S.Ed. Professional Studies (Non-Certification Track)

Degree Requirements: 124 Credit Hours

The BSED degree with a major in Elementary Education-Professional Studies (Non-Certification) provides students who are interested in education the opportunity to take coursework with planned minors and concentrations. The degree allows for choice in several areas leading to a broad background. When accepted to the University all education majors interested in Elementary Education are placed in the Professional Studies, Non-Certification track. This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification in Elementary Education will move into the BSED Elementary Education Certification Track.

See Core Curriculum for required courses in Area A1 through Area E.

| General Requirements (Core A-E) | 42 |
| Area F - Courses Appropriate to Major | 18 |
| Pre-Professional Block | |
| EDUC 2090 | PPB Practicum |
| EDUC 2110 | Investigating Critical and Contemporary Issues in Education |

EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts
EDUC 2130 Exploring Learning and Teaching
Prerequisite Courses to Teaching Field
ISCI 2001 Life/Earth Science
ISCI 2002 Physical Science
MATH 2008 Foundations of Numbers and Operations
Professional Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>EDUF 3040</td>
<td>Childhood Development from Prenatal Period to Adolescence</td>
</tr>
<tr>
<td>EDUF 3232</td>
<td>Educational Psychology: General</td>
</tr>
<tr>
<td>EDUR 3130</td>
<td>Introduction to Research Methods in Education</td>
</tr>
<tr>
<td>ITEC 5233</td>
<td>Foundations of Technology-Enabled Learning</td>
</tr>
<tr>
<td>READ 4131</td>
<td>The Teaching of Reading</td>
</tr>
<tr>
<td>SPED 3331</td>
<td>Introduction to Special Education for Elementary Education</td>
</tr>
<tr>
<td>TCLD 4231</td>
<td>Cultural Diversity and ESOL/TCLD</td>
</tr>
</tbody>
</table>

Guided Electives

See Option 1, 2, and 3 below to determine credit hours of guided electives needed

Major Requirements

Must include at least 21 credit hours of upper-division courses

Option 1

Complete 9 credit hours of guided electives under professional education and two 15 credit hour minors (please review minors in the catalog)

Option 2

Complete 3 hours of guided electives under professional education and two 18 hour concentrations from the list below

Option 3

Complete 9 credit hours of guided electives under professional education, and a combination of additional approved courses, a 15 credit hour minor, or an 18 credit hour concentration from the list below

Approved Concentrations:


Total Credit Hours

Program Admission Criteria

- Must meet all University Admission Requirements.

Other Program Requirements

- Must choose Option 1, 2, or 3;
- Must identify a career path with their academic advisor.

To graduate with B.S.Ed. Professional Studies Elementary Education/Non-Certification, a student must:
• successfully complete the program of study as outlined in the catalog;
• be in good standing with a GPA of 2.0 or higher.

This program does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the B.S.Ed. Elementary Education, certification track.

Advisement
Each student in Elementary Education-Professional Studies (Non-Certification Track) is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-Mail: cjthomp@georgiasouthern.edu.

Special Education B.S.Ed. (Certification Track)

Degree Requirements: 124 Credit Hours
Additional admission requirements must be met to enter the Special Education B.S.Ed. Certification Track (See B.S.Ed. Teacher Education Admission Requirements). Students seeking teacher certification are first admitted to the Professional Studies Special Education B.S.Ed. Non-Certification Track. Upon meeting B.S.Ed. teacher education admission requirements at the completion of Area F, students will be admitted to the certification track. Successful completion of all program requirements and all Georgia Professional Standards Commission certification requirements will prepare an individual to gain teacher certification in Georgia.

See Core Curriculum for required courses in Area A1 through Area E.

Credit Hours
General Requirements (Core A-E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major 18
Pre-Professional Block
EDUC 2090 PPB Practicum
EDUC 2110 Investigating Critical and Contemporary Issues in Education
EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts
EDUC 2130 Exploring Learning and Teaching

Other Courses for the Major
MATH 2008 Foundations of Numbers and Operations
READ 2230 Cognition and Language
Electives (3) (approved by advisor)

Pedagogy for Professional Educators 21
EDUR 3130 Introduction to Research Methods in Education
SPED 4333 Special Education Math Methods
SPED 4733 SPED P-5 Practicum
SPED 4734 SPED 6-12 Practicum
SPED 5799 Student Teaching in Special Education

Major Requirements 30
ITEC 5233 Foundations of Technology-Enabled Learning
READ 4131 The Teaching of Reading

Program Admission Criteria
See B.S.Ed. Teacher Education Admission Requirements

• Must be admitted to the Teacher Education Program and qualify for a Georgia Preservice Certificate

Other Program Requirements
• Must meet all requirements for retention in the Teacher Education Program
• Must earn a minimum grade of “C” in all courses in Area F of the Core, the teaching field, and professional education; earn an adjusted GPA of 2.75 or higher in the teaching field; and maintain of overall cumulative GPA of 2.50 or higher
• Must successfully complete all field experiences
• Must successfully complete portfolio evaluation process
• Must meet requirements for admission to Student Teaching/Internship II (See catalog section, Admission to Student Teaching)
• Must take courses in proper sequence
• Must successfully complete assessments identified at each program transition point

Honors in Special Education
To graduate with Honors in Special Education, a student must:

SPED 3130 Characteristics of Learners with Disabilities
SPED 3131 Assessment in Special Education
SPED 3134 Special Education Procedures
SPED 3231 Classroom Management
SPED 4230 Instructional and Behavior Management Methods, P-5
SPED 4231 Instructional and Behavior Management Methods, 6-12
SPED 4632 Special Education Student Teaching Seminar
TCLD 4231 Cultural Diversity and ESOL/TCLD

Emphasis 9
Select from one of the following areas (Middle grades content level to be “Highly Qualified”)

Language Arts:
ENGL 5135 Teaching Literature to Middle and Secondary School Students
or ENGL 5534 Literature for Adolescents
READ 3330 Content Literacy
or WRIT 3131 Teaching Writing
WRIT 3430 Linguistics and Grammar for Teachers

Math:
MATH 3032 Foundations of Data Analysis and Geometry
MATH 5130 Statistics and Probability for K-8 Teachers
MATH 5135 Algebraic Connections for K-8 Teachers

Reading:
READ 3330 Content Literacy
READ 4232 New Literacies and Technology
READ 4233 Literacy Assessment and Instruction

Total Credit Hours 124
• be admitted to the University Honors Program;
• successfully complete at least four credit hours of Honors Research Seminar Education (COED 3610) over four semesters;
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Advisement
Each student in Special Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-Mail: cjthomp@georgiasouthern.edu.

Special Education B.S.Ed. Professional Studies (Non-Certification Track)

Degree Requirements: 124 Credit Hours

The BSED degree with a major in Special Education-Professional Studies (Non-Certification Track) provides students who are interested in education the opportunity to take coursework with planned minors and concentrations. The degree allows for choice in several areas leading to a broad background. When accepted to the University all Special Education majors are placed in the Professional Studies (Non-Certification) track. This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification in Special Education will move into the BSED Special Education Certification Track.

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core A-E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Requirements</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
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<td></td>
</tr>
<tr>
<td>Pre-Professional Block</td>
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<td></td>
</tr>
<tr>
<td>EDUC 2090</td>
<td>PPB Practicum</td>
<td></td>
</tr>
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<td>Investigating Critical and Contemporary Issues in Education</td>
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</tr>
<tr>
<td>EDUC 2120</td>
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<td>EDUC 2130</td>
<td>Exploring Learning and Teaching</td>
<td></td>
</tr>
<tr>
<td>Prerequisite Courses to Teaching Field</td>
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<tr>
<td>MATH 2008</td>
<td>Foundations of Numbers and Operations</td>
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<tr>
<td>READ 2230</td>
<td>Cognition and Language</td>
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<td>Guided Electives</td>
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<td>Professional Education</td>
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<td>EDUF 3232</td>
<td>Educational Psychology: General</td>
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<td>SPED 3130</td>
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<td>SPED 3134</td>
<td>Special Education Procedures</td>
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<td>TCLD 4231</td>
<td>Cultural Diversity and ESOL/TCLD</td>
<td></td>
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</tbody>
</table>

Guided Electives

| Credit Hours | 3-9 |

Major Requirements

Must include at least 21 credit hours of upper division courses

Option 1

Complete 9 credit hours of guided electives under professional education and two 15 credit hour minors (please review minors in the catalog)

Option 2

Complete 3 hours of guided electives under professional education and two 18 hour concentrations from the list below

Option 3

Complete 9 credit hours of guided electives under professional education, and a combination of additional approved courses, a 15 credit hour minor, or an 18 credit hour concentration from the list below

Approved Concentrations:


Total Credit Hours | 124 |

Program Admission Criteria

Must meet all University Admission Requirements.

Other Program Requirements

• Must choose Option 1, 2, or 3;
• Must identify a career path with their academic advisor.

To graduate with B.S.Ed. Professional Studies Special Education/Non-Certification, a student must:

• successfully complete the program of study as outlined in the catalog;
• be in good standing with a GPA of 2.0 or higher.

1 This program does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the B.S.Ed. Special Education, certification track.

Advisement
Each student in Special Education-Professional Studies is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-Mail: cjthomp@georgiasouthern.edu.

Department of Leadership, Technology and Human Development

The Department of Leadership, Technology, and Human Development offers a broad range of programs that provide school/system-wide and
student-oriented support services for traditional and alternative settings. A diverse selection of graduate programs prepare school and community agency personnel in the areas of school and clinical mental health counseling, educational leadership, adult education, higher education administration, instructional technology, and school psychology. A doctoral degree program in educational leadership is also offered by this department. In addition to degree programs, the department offers the adult education certificate program, certificate programs in educational leadership, instructional technology and school library media, and the teacher leader and the online teaching and learning endorsements.

Programs
Majors
No results were found.

Minors
- Instructional Design and Technology Minor (p. 152)

Instructional Design and Technology Minor

Contact
Department of Leadership, Technology and Human Development
Dr. Stephanie Jones
P.O. Box 8131
Statesboro, Georgia 30460-8131
Phone: (912) 478-5250
Fax: (912) 478-7104
sones@georgiasouthern.edu

The Instructional Design and Technology minor is an interdisciplinary minor that provides students with knowledge and experiences to meet instructional and design challenges through instructional technology systems design, development utilization, management, and evaluation. The program will be open to all non-education undergraduate majors.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>ITEC 2130</td>
<td>Instructional Technology and Design for the Workplace</td>
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<tr>
<td>ITEC 3131</td>
<td>Principles of E-Learning</td>
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<tr>
<td>ITEC 3132</td>
<td>Introduction to Instructional Design</td>
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<td>ITEC 3133</td>
<td>Multimedia Message Design</td>
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<tr>
<td>ITEC 4134</td>
<td>E-Learning Project Management and Evaluation</td>
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</table>

Total Credit Hours 15

Department of Middle Grades and Secondary Education

The Department of Middle Grades and Secondary Education at Georgia Southern University offers a variety of programs to prepare teachers and provide advanced professional development. Programs at the undergraduate level include middle grades education (4-8); secondary education (6-12) with specializations in biology, chemistry, English, history, mathematics and physics; and health and physical education (P-12). The Master of Arts in Teaching (MAT) program offers initial teacher preparation in middle grades, health and physical education, and Spanish education, as well as secondary areas of business, biology, chemistry, economics, English, history, geography, mathematics, physics, and political science. The department offers Master of Education (M.Ed.) and Education Specialist (Ed.S.) degrees in middle grades and secondary education and an M.Ed. in Teaching Culturally and Linguistically Diverse Students. In addition to these degree programs, the department also offers endorsements in English for Speakers of Other Languages (ESOL), Gifted Education, and Teacher Support and Coaching, and a certificate in Teaching Culturally and Linguistically Diverse Students.

Programs

Majors
- Health and Physical Education B.S.Ed. (Certification Track) (p. 153)
- Health and Physical Education B.S.Ed. Professional Studies (Non-Certification Track) (p. 154)
- Middle Grades Education B.S.Ed. (Certification Track) (p. 154)
- Middle Grades Education B.S.Ed. Professional Studies (Non-Certification Track) (p. 156)
- Secondary Education B.S.Ed. (Emphasis in Biology Education - Certification Track) (p. 157)
- Secondary Education B.S.Ed. (Emphasis in Chemistry Education - Certification Track) (p. 158)
- Secondary Education B.S.Ed. (Emphasis in English Education - Certification Track) (p. 159)
- Secondary Education B.S.Ed. (Emphasis in History Education - Certification Track) (p. 160)
- Secondary Education B.S.Ed. (Emphasis in Mathematics Education - Certification Track) (p. 161)
- Secondary Education B.S.Ed. (Emphasis Physics - Certification Track) (p. 162)
- Secondary Education B.S.Ed. - Professional Studies (Emphasis in Biology - Non-Certification Track) (p. 163)
- Secondary Education B.S.Ed. - Professional Studies (Emphasis in Chemistry - Non-Certification Track) (p. 164)
- Secondary Education B.S.Ed. - Professional Studies (Emphasis in English - Non-Certification Track) (p. 164)
- Secondary Education B.S.Ed. - Professional Studies (Emphasis in History - Non-Certification Track) (p. 165)
- Secondary Education B.S.Ed. - Professional Studies (Emphasis in Mathematics-Non-Certification Track) (p. 166)
- Secondary Education B.S.Ed. - Professional Studies (Emphasis in Physics - Non-Certification Track) (p. 167)

Minors
No results were found.

Endorsement
- Gifted In-field Undergraduate Endorsement (Online) (p. 152)

Gifted In-field Undergraduate Endorsement (Online)

Requirements: 12 Credit Hours

Purpose
Gifted In-field Endorsement: The four courses for the gifted in-field endorsement have purposely been planned for candidates to participate in systematically designed field experiences in settings that provide them with opportunities to observe, practice, and demonstrate the knowledge, skills, and dispositions delineated in institutional, state, and national standards to teach gifted learners at the grade levels of their intended
The program is approved by the Georgia Professional Standards Commission (PSC).

Candidates in the Gifted In-field Endorsement Program will understand how gifted learners grow and develop, recognizing that patterns of learning and development vary individually including the cognitive, linguistic, social, emotional, and cultural aspects of gifted learners in order to design and teach developmentally appropriate and challenging learning experiences. In addition, candidates will plan instruction that supports every gifted learner in meeting rigorous learning goals by drawing upon knowledge of the nature and needs of gifted learners, content areas, differentiated curriculum, and pedagogy and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher’s and learner’s decision making. Candidates will also learn the significance of the learning context in order to ensure academically challenging learning environments that enable gifted learners to meet high standards and to interact with other high ability learners.

Requirements

1. Enrolled and in good standing in a BSED Certification Program from the College of Education at Georgia Southern University.
2. Successfully complete the following four courses ESED 5130, ESED 5131, ESED 5132, ESED 5133.
3. Successfully complete all key assessments.

Additional Requirements:
1. Courses must be taken in order.
2. Candidates must complete 20 hours in the field with each course.

Program of Study for Gifted In-field Endorsement:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESED 5130</td>
<td>Nature and Needs of Gifted and Talented Learners</td>
<td>3</td>
</tr>
<tr>
<td>ESED 5131</td>
<td>Curriculum for Gifted and Talented Learners</td>
<td>3</td>
</tr>
<tr>
<td>ESED 5132</td>
<td>Methods for Teaching Gifted and Talented Learners</td>
<td>3</td>
</tr>
<tr>
<td>EDUF 5133</td>
<td>Assessment and Procedures for Teaching Gifted and Talented Learners</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 12

Advisement
Department of Middle Grades and Secondary Education
Dr. Lina Soares
P.O. Box 8134
Statesboro, GA 30460
(912) 478-7644
isoares@georgiasouthern.edu
Fax: (912) 478-0026

Health and Physical Education B.S.Ed. (Certification Track)

Degree Requirements: 124 Credit Hours

Additional admission requirements must be met to enter the Health and Physical Education B.S.Ed. Certification Track (See B.S.Ed. Teacher Education Admission Requirements). Students seeking teacher certification are first admitted to the Professional Studies Health and Physical Education B.S.Ed. Non-Certification Track. Upon meeting B.S.Ed. teacher education admission requirements at the completion of Area F, students will be admitted to the certification track. Successful completion of all program requirements and all Georgia Professional Standards Commission certification requirements will prepare an individual to gain teacher certification in Georgia.

See Core Curriculum for required courses in Area A1 through Area E.
Program Admission Criteria

See B.S.Ed. Teacher Education Admission Requirements

- Must be admitted into the Teacher Education Program and qualify for a Georgia Preservice Certificate

Other Program Requirements

- Must meet all requirements for retention in the Teacher Education Program
- Must earn a minimum grade of "C" in all courses in Area F of the Core, the teaching field, and professional education; earn an adjusted GPA of 2.75 or higher in the teaching field, and maintain an overall cumulative GPA of 2.50 or higher
- Must successfully complete all field experiences
- Must take courses in proper sequence
- Must meet requirements for admission to Student Teaching (See catalog section, Admission to Student Teaching)
- Must successfully complete assessments identified at each program transition point

Honors in Health and Physical Education

To graduate with Honors in Health and Physical Education, a student must:
- be admitted to the University Honors Program;
- successfully complete at least four credit hours of Honors Research Seminar Education (COED 3610) over four semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

Each student in Health and Physical Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-Mail: cjthomp@georgiasouthern.edu.

Health and Physical Education

B.S.Ed. Professional Studies (Non-Certification Track)

Degree Requirements: 124 Credit Hours

The BSED degree with a major in Health & Physical-Professional Education certification track. This program does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification in Health and Physical Education will move into the BSED Health & Physical Education Certification Track.

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Pre-Professional Block</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 2090</td>
<td>PPB Practicum</td>
</tr>
<tr>
<td>EDUC 2110</td>
<td>Investigating Critical and Contemporary Issues in Education</td>
</tr>
<tr>
<td>EDUC 2120</td>
<td>Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts</td>
</tr>
<tr>
<td>EDUC 2130</td>
<td>Exploring Learning and Teaching</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Prerequisite Courses to Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 2431</td>
<td>Foundations of Health and Physical Education</td>
</tr>
<tr>
<td>KINS 2531</td>
<td>Human Anatomy and Physiology I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Professional Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 3135</td>
</tr>
<tr>
<td>HLTH 3332</td>
</tr>
<tr>
<td>KINS 3131</td>
</tr>
<tr>
<td>KINS 3435</td>
</tr>
<tr>
<td>KINS 3430</td>
</tr>
<tr>
<td>KINS 2511</td>
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<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Major Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guided Electives</td>
<td>In consultation with the advisor student will select courses, minors and/or concentrations appropriate for the major at the 3000-4000 level</td>
</tr>
</tbody>
</table>

Total Credit Hours 124

Program Admission Criteria

- Must meet all University Admission Requirements

Other Program Requirements

- Must choose guided electives at the 3000-4000 level.
- Must identify a career path with their academic advisor

To graduate with B.S.Ed. Professional Studies Health & Physical Education/Non-Certification, a student must:
- successfully complete the program of study as outlined in the catalog;
- be in good standing with a GPA of 2.0 or higher

1 This program does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the B.S.Ed. Health & Physical Education certification track.

Advisement

Each student in Health and Physical Education-Professional Studies is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-Mail: cjthomp@georgiasouthern.edu.

Middle Grades Education B.S.Ed.

(Certification Track)

Degree Requirements: 133 Credit Hours

Additional admission requirements must be met to enter the Middle Grades Education B.S.Ed. Certification Track (See B.S.Ed. Teacher Education Admission Requirements). Students seeking teacher certification are first admitted to the Professional Studies Middle Grades Education B.S.Ed. Non-Certification Track. Upon meeting B.S.Ed.
teacher education admission requirements at the completion of Area F, students will be admitted to the certification track. Successful completion of all program requirements and all Georgia Professional Standards Commission certification requirements will prepare an individual to gain teacher certification in Georgia.

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre-Professional Block</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUC 2090</td>
<td>PPB Practicum</td>
<td>0</td>
</tr>
<tr>
<td>EDUC 2110</td>
<td>Investigating Critical and Contemporary Issues in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 2120</td>
<td>Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 2130</td>
<td>Exploring Learning and Teaching</td>
<td>3</td>
</tr>
<tr>
<td>Other Courses for the Major</td>
<td></td>
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<tr>
<td>MATH 2008</td>
<td>Foundations of Numbers and Operations</td>
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<tr>
<td>Select 3 credit hours in the primary concentration area (language arts, math, science, or social studies)</td>
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</tr>
<tr>
<td>Language Arts:</td>
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<tr>
<td>READ 2230</td>
<td>Cognition and Language (required for language arts concentrations)</td>
<td></td>
</tr>
<tr>
<td>WRIT/LING 2430</td>
<td>Essential Grammar for Successful Writing</td>
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</tr>
<tr>
<td>Math:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1112</td>
<td>College Trigonometry</td>
<td></td>
</tr>
<tr>
<td>Social Studies:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 1130 or HIST 1111</td>
<td>World Regional Geography or World History I: Development of World Civilization</td>
<td></td>
</tr>
<tr>
<td>INTS 2130</td>
<td>Introduction to International Studies</td>
<td></td>
</tr>
<tr>
<td>Science:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select 3 credit hours from the following not taken in Area D:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1230</td>
<td>Environmental Biology</td>
<td></td>
</tr>
<tr>
<td>CHEM 1040</td>
<td>Chemistry and the Environment</td>
<td></td>
</tr>
<tr>
<td>GEOL 1340</td>
<td>Environmental Geology</td>
<td></td>
</tr>
<tr>
<td>PHYS 1135</td>
<td>How Things Work</td>
<td></td>
</tr>
<tr>
<td>PHYS 1149</td>
<td>Environmental Physics</td>
<td></td>
</tr>
<tr>
<td>Pedagogy for Professional Educators</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGED 3131</td>
<td>Nature and Curriculum Needs of the Middle Grades Learner</td>
<td></td>
</tr>
<tr>
<td>MGED 3731</td>
<td>Middle School Practicum I</td>
<td></td>
</tr>
<tr>
<td>MGED 3732</td>
<td>Middle School Practicum II</td>
<td></td>
</tr>
<tr>
<td>MGED 4632</td>
<td>Seminar in Middle Grades Education</td>
<td></td>
</tr>
<tr>
<td>MGED 5799</td>
<td>Student Teaching in Middle Grades Education</td>
<td></td>
</tr>
<tr>
<td>SPED 3332</td>
<td>Introduction to SPED in Middle and Secondary Grades</td>
<td></td>
</tr>
<tr>
<td>Major Requirements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSED 5333</td>
<td>Literature and Writing for the Middle and Secondary Schools</td>
<td></td>
</tr>
<tr>
<td>READ 3330</td>
<td>Content Literacy</td>
<td></td>
</tr>
</tbody>
</table>

TCLD 4231 Cultural Diversity and ESOL/TCLD

Methods Requirements

<table>
<thead>
<tr>
<th>Select two of the following according to concentration areas</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGED 3232</td>
<td>Methods of Teaching Science in the Middle Grades</td>
</tr>
<tr>
<td>MGED 3332</td>
<td>Methods of Teaching Language Arts in the Middle Grades</td>
</tr>
<tr>
<td>MGED 3432</td>
<td>Methods of Teaching Social Studies in the Middle Grades</td>
</tr>
<tr>
<td>MGED 3532</td>
<td>Methods of Teaching Mathematics in the Middle Grades</td>
</tr>
</tbody>
</table>

Concentrations

<table>
<thead>
<tr>
<th>Fifteen credit hours required for primary and secondary concentration areas</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language Arts:</td>
<td></td>
</tr>
<tr>
<td>ENGL 5135</td>
<td>Teaching Literature to Middle and Secondary School Students</td>
</tr>
<tr>
<td>ENGL 5534</td>
<td>Literature for Adolescents</td>
</tr>
<tr>
<td>WRIT 3130 or WRIT 3140</td>
<td>Creative Writing or Writing for Young Readers</td>
</tr>
<tr>
<td>WRIT 3131</td>
<td>Teaching Writing</td>
</tr>
<tr>
<td>WRIT 3430</td>
<td>Linguistics and Grammar for Teachers</td>
</tr>
<tr>
<td>Math:</td>
<td></td>
</tr>
<tr>
<td>MATH 2010</td>
<td>Problem Solving for K-8 Teachers</td>
</tr>
<tr>
<td>MATH 3032</td>
<td>Foundations of Data Analysis and Geometry</td>
</tr>
<tr>
<td>MATH 5130</td>
<td>Statistics and Probability for K-8 Teachers</td>
</tr>
<tr>
<td>MATH 5135</td>
<td>Algebraic Connections for K-8 Teachers</td>
</tr>
<tr>
<td>MATH 5137</td>
<td>Geometry for K-8 Teachers</td>
</tr>
<tr>
<td>Science:</td>
<td></td>
</tr>
<tr>
<td>GEOG 3330</td>
<td>Weather and Climate</td>
</tr>
<tr>
<td>GEOL 5230</td>
<td>Earth Science</td>
</tr>
<tr>
<td>GEOL 5231</td>
<td>General Oceanography</td>
</tr>
<tr>
<td>ISCI 2001</td>
<td>Life/Earth Science</td>
</tr>
<tr>
<td>ISCI 2002</td>
<td>Physical Science</td>
</tr>
<tr>
<td>Social Studies:</td>
<td></td>
</tr>
<tr>
<td>HIST 4130</td>
<td>Georgia History</td>
</tr>
<tr>
<td>Select 3 credit hours from the following:</td>
<td></td>
</tr>
<tr>
<td>GEOG 4232</td>
<td>Geography of Latin America</td>
</tr>
<tr>
<td>GEOG 4233</td>
<td>Geography of Asia</td>
</tr>
<tr>
<td>GEOG 4330</td>
<td>Geography of Africa South of the Sahara</td>
</tr>
<tr>
<td>GEOG 4430</td>
<td>Geography of Europe</td>
</tr>
<tr>
<td>Select 3 credit hours from the following:</td>
<td></td>
</tr>
<tr>
<td>HIST 3434</td>
<td>Modern European Thought</td>
</tr>
<tr>
<td>HIST 3530</td>
<td>History of Africa to 1800</td>
</tr>
<tr>
<td>HIST 3531</td>
<td>History of Africa since 1800</td>
</tr>
<tr>
<td>HIST 3532</td>
<td>The Modern Middle East</td>
</tr>
<tr>
<td>HIST 3533</td>
<td>Modern East Central Europe</td>
</tr>
<tr>
<td>HIST 3534</td>
<td>Modern Southeast Asia</td>
</tr>
<tr>
<td>HIST 3538</td>
<td>Latin America since Independence</td>
</tr>
<tr>
<td>Select 3 credit hours from the following:</td>
<td></td>
</tr>
<tr>
<td>HIST 3130</td>
<td>African American History to 1865</td>
</tr>
<tr>
<td>HIST 3131</td>
<td>African American History since 1865</td>
</tr>
<tr>
<td>HIST 3133</td>
<td>United States Constitutional History</td>
</tr>
</tbody>
</table>
Middle Grades Education B.S.Ed. Professional Studies (Non-Certification Track)

Degree Requirements: 124 Credit Hours

The BSED degree with a major in Middle Grades Education-Professional Studies (Non-Certification Track) provides students who are interested in education the opportunity to take coursework with planned minors and concentrations. The degree allows for choice in several areas leading to a broad background. When accepted to the University all Middle Grades Education majors are placed in the Professional Studies, Non-Certification Track. This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification in Middle Grades Education will move into the BSED Middle Grades Education Certification Track.

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core Areas A - E) 42

Pre-Professional Block
- EDUF 3232 Educational Psychology: General
- EDUF 3130 Introduction to Research Methods in Education
- ITEC 5233 Foundations of Technology-Enabled Learning
- READ 4131 The Teaching of Reading
- SPED 3332 Introduction to SPED in Middle and Secondary Grades
- TCLD 4231 Cultural Diversity and ESOL/TCLD

Select one from the following:
- ENGL 5534 Literature for Adolescents
- ENGL 5535 Children's Literature
- HLTH 3135 Topics in Coordinated School Health
- LING 3533 Introduction to Language
- MATH 3032 Foundations of Data Analysis and Geometry
- READ 3330 Content Literacy
- SOCI 4134 Sociology of Childhood
- WRIT 3220 Introduction to Professional and Technical Writing
- WRIT 3230 Writing in the Workplace

Guided Electives 3-9

Honors in Middle Grades Education

To graduate with Honors in Middle Grades Education, a student must:
- be admitted to the University Honors Program;
- successfully complete at least four credit hours of Honors Research Seminar Education (COED 3610) over four semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

Each student in Middle Grades Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-Mail: cjthomp@georgiasouthern.edu.
See Option 1, 2, and 3 below to determine credit hours of guided electives needed

**Major Requirements** 30-36
Must include at least 18 credit hours of upper division courses

**Option 1**
Complete 9 credit hours of guided electives under professional education and two 15 credit hour minors (please review minors in the catalog)

**Option 2**
Complete 3 credit hours of guided electives under professional education and two 18 credit hour concentrations from the list below

**Option 3**
Complete 9 credit hours of guided electives under professional education, and a combination of additional approved courses, a 15 credit hour minor, or an 18 credit hour concentration from the list below

Approved Concentrations:
- Africana Studies
- American Studies
- Business
- Communication Arts
- Culture and Society
- Education
- Entrepreneurship
- Environmental Sustainability
- Individual Emphasis
- International Studies
- Irish Studies
- Justice Studies
- Modern Languages
- Political Science
- Psychology
- Public Administration
- Religious Studies
- Sociology
- Southern Studies
- Women’s and Gender Studies

**Total Credit Hours** 124

**Program Admission Criteria**
- Must meet all University Admission Requirements

**Additional Program Requirements**
- Must choose Option 1, 2, or 3
- Must identify a career path with their academic advisor

To graduate with B.S.Ed. Professional Studies Middle Grades Education/Non-Certification, a student must:
- successfully complete the program of study as outlined in the catalog;
- be in good standing with a GPA of 2.0 or higher

1 This program does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the B.S.Ed. Middle Grades Education certification track.

**Advisement**
Each student in Middle Grades Education-Professional Studies is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-Mail: cjthomp@georgiasouthern.edu.

**Secondary Education B.S.Ed.**
(Emphasis in Biology Education - Certification Track)

**Degree Requirements: 125 Credit Hours**
Additional admission requirements must be met to enter the Secondary Education B.S.Ed. Concentration in Biology Education, Certification Track (See B.S.Ed. Teacher Education Admission Requirements). Students seeking teacher certification are first admitted to the Professional Studies Secondary Education B.S.Ed. Concentration in Biology Education, Non-Certification Track. Upon meeting B.S.Ed. teacher education admission requirements at the completion of Area F, students will be admitted to the certification track. Successful completion of all program requirements and all Georgia Professional Standards Commission certification requirements will prepare an individual to gain teacher certification in Georgia.

See Core Curriculum for required courses in Area A1 through Area E.
Program Admission Criteria

See B.S.Ed. Teacher Education Admission Requirements

- Must be admitted into the Teacher Education Program and qualify for a Georgia Preservice Certificate

Other Program Requirements

- Must meet all requirements for retention in the Teacher Education Program.
- Must earn a minimum grade of "C" on all courses in Area F of the Core, the teaching field, and professional education; earn an adjusted GPA of 2.75 or higher in the teaching field; and maintain overall cumulative GPA of 2.50 or higher.
- Must earn a minimum grade of "B" or better in SPED 3332 Introduction to SPED in Middle and Secondary Grades.
- Must successfully complete all field experiences.
- Must take courses in the proper sequence.
- Courses in Area F must be taken prior to admission into the Teacher Education Program.
- Take only one practicum course per semester.
- Must meet requirements for admission to Student Teaching, (see catalog section, Admission to Student Teaching).
- Must successfully complete assessments identified at each program transition point.
- Must take the following courses on home campus: SCED 3121, SCED 3237, SCED 3721, SCED 4137, SCED 4231, SCED 4632, SCED 4732, SCED 4739, and SCED 5799.

Honors in Secondary Education

To graduate with Honors in Secondary Education, a student must:

- be admitted to the University Honors Program;
- successfully complete at least four credit hours of Honors Research Seminar Education (COED 3610) over four semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

Each student in Secondary Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-Mail: cjthomp@georgiasouthern.edu.

Secondary Education B.S.Ed. (Emphasis in Chemistry Education - Certification Track)

Degree Requirements: 125 Credit Hours

Additional admission requirements must be met to enter the Secondary Education B.S.Ed. Concentration in Chemistry Education, Certification Track (See B.S.Ed. Teacher Education Admission Requirements). Students seeking teacher certification are first admitted to the Professional Studies Secondary Education B.S.Ed. Concentration in Chemistry Education, Non-Certification Track. Upon meeting B.S.Ed. teacher education admission requirements at the completion of Area F, students will be admitted to the certification track. Successful completion of all program requirements and all Georgia Professional Standards

Commission certification requirements will prepare an individual to gain teacher certification in Georgia.

See Core Curriculum for required courses in Area A1 through Area E

<table>
<thead>
<tr>
<th>General Requirements (Core Areas A - E)</th>
<th>42 Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Requirements</td>
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<tr>
<td>Area F - Courses Appropriate to Major</td>
<td></td>
</tr>
<tr>
<td>Pre-Professional Block</td>
<td></td>
</tr>
<tr>
<td>EDUC 2090 PBP Practicum</td>
<td>0</td>
</tr>
<tr>
<td>EDUC 2110 Investigating Critical and Contemporary Issues in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts</td>
<td>3</td>
</tr>
<tr>
<td>Other Courses to Teaching Field</td>
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</tr>
<tr>
<td>BIOL 1107 Principles of Biology I</td>
<td></td>
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<tr>
<td>BIOL 1107L Principles of Biology I Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1212K Principles of Chemistry II</td>
<td></td>
</tr>
<tr>
<td>CHEM 2100 Analytical Chemistry</td>
<td></td>
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<tr>
<td>Professional Education</td>
<td>37</td>
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<tr>
<td>EDUC 2130 Exploring Learning and Teaching</td>
<td></td>
</tr>
<tr>
<td>SCED 3121 Planning and Instruction for Secondary Educators</td>
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<tr>
<td>SCED 3237 Methods of Teaching Science in Secondary Schools</td>
<td></td>
</tr>
<tr>
<td>SCED 3721 Secondary School Practicum I</td>
<td></td>
</tr>
<tr>
<td>SCED 4137 Instructional Assessment for Diverse Learners</td>
<td></td>
</tr>
<tr>
<td>SCED 4231 Content Specific Pedagogy for Secondary Education</td>
<td></td>
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<td>SCED 4632 Student Teaching Seminar in Secondary Education</td>
<td></td>
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<tr>
<td>SCED 5799 Student Teaching in Secondary Education</td>
<td></td>
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<td>SPED 3332 Introduction to SPED in Middle and Secondary Grades</td>
<td></td>
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<td>Major Requirements</td>
<td>17-19</td>
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<tr>
<td>CHEM 3401 Organic Chemistry I</td>
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<td>CHEM 3402 Organic Chemistry II</td>
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<td>BCHM 5202 Biochemistry II</td>
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<tr>
<td>Upper-Level Chemistry Electives (3000+, not including CHEM 3530)</td>
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Total Credit Hours 125

Program Admission Criteria

See B.S.Ed. Teacher Education Admission Requirements

- Must be admitted into the Teacher Education Program and qualify for a Georgia Preservice Certificate.

Other Program Requirements:

- Must meet all requirements for retention in the Teacher Education Program.
- Must earn a minimum grade of "C" on all courses in Area F of the Core, the teaching field, and professional education; earn an adjusted GPA of 2.75 or higher in the teaching field; and maintain overall cumulative GPA of 2.50 or higher.
- Courses in Area F must be taken prior to admission into the Teacher Education Program.
- Take only one practicum course per semester.
- Must successfully complete all field experiences.
- Must meet requirements for admission to Student Teaching, (see catalog section, Admission to Student Teaching).
- Must successfully complete assessments identified at each program transition point.
- Must take courses in the proper sequence.
- Must successfully complete assessments identified at each program transition point.
- Must take the following courses on home campus: SCED 3121, SCED 3237, SCED 3721, SCED 4137, SCED 4231, SCED 4632, SCED 4732, SCED 4739, and SCED 5799.
- Must be admitted into the University Honors Program;
- successfully complete at least four credit hours of Honors Research Seminar Education (COED 3610) over four semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.
GPA of 2.75 or higher in the teaching field; and maintain overall cumulative GPA of 2.50 or higher.

- Must earn a minimum grade of "B" or better in SPED 3332 Introduction to SPED in Middle and Secondary Grades.
- Must successfully complete all field experiences.
- Must take courses in the proper sequence.
- Courses in Area F must be taken prior to admission into the Teacher Education Program.
- Take only one practicum course per semester.
- Must meet requirements for admission to Student Teaching, (see catalog section, Admission to Student Teaching).
- Must successfully complete assessments identified at each program transition point.
- Must take the following courses on home campus: SCED 3121, SCED 3237, SCED 3721, SCED 4137, SCED 4231, SCED 4632, SCED 4732, SCED 4739, and SCED 5799.

Honors in Secondary Education

To graduate with Honors in Secondary Education, a student must:

- be admitted to the University Honors Program;
- successfully complete at least four credit hours of Honors Research Seminar Education (COED 9610) over four semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

Each student in Secondary Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-mail: cjthomp@georgiasouthern.edu.

Secondary Education B.S.Ed.
(Emphasis in English Education - Certification Track)

Degree Requirements: 125 Credit Hours

Additional admission requirements must be met to enter the Secondary Education B.S.Ed. Concentration in English Education, Certification Track (See B.S.Ed. Teacher Education Admission Requirements). Students seeking teacher certification are first admitted to the Professional Studies Secondary Education B.S.Ed. Concentration in English Education, Non-Certification Track. Upon meeting B.S.Ed. teacher education admission requirements at the completion of Area F, students will be admitted to the certification track. Successful completion of all program requirements and all Georgia Professional Standards Commission certification requirements will prepare an individual to gain teacher certification in Georgia.

See Core Curriculum for required courses in Area A1 through Area E

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 2110</td>
<td>Investigating Critical and Contemporary Issues in Education</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Courses to Teaching Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 2120</td>
</tr>
<tr>
<td>ENGL 2100</td>
</tr>
<tr>
<td>ENGL 2111</td>
</tr>
<tr>
<td>ENGL 2112</td>
</tr>
<tr>
<td>WRIT 2133</td>
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</table>

Professional Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>Total Credit Hours</td>
<td>125</td>
</tr>
</tbody>
</table>

Program Admission Criteria

See B.S.Ed. Teacher Education Admission Requirements

- Must be admitted into the Teacher Education Program and qualify for a Georgia Preservice Certificate.

Other Program Requirements

- Must meet all requirements for retention in the Teacher Education Program.
- Must earn a minimum grade of "B" or better in Introduction to SPED in Middle and Secondary Grades (SPED 3332).
- Must successfully complete all field experiences.
- Must take courses in the proper sequence.
• Courses in Area F must be taken prior to admission into the Teacher Education Program.
• Take only one practicum course per semester.
• Must meet requirements for admission to Student Teaching, (see catalog section, Admission to Student Teaching).
• Must successfully complete assessments identified at each program transition point.
• Must take the following courses on home campus: SCED 3121, SCED 3237, SCED 3721, SCED 4137, SCED 4231, SCED 4632, SCED 4732, SCED 4739, and SCED 5799.

Honors in Secondary Education
To graduate with Honors in Secondary Education, a student must:
• be admitted to the University HonorsProgram;
• successfully complete at least four credit hours of COED 3610 over four semesters;
• successfully complete and present an Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Advisement
Each student in Secondary Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-Mail: cjthomp@georgiasouthern.edu.

Secondary Education B.S.Ed.
(Emphasis in History Education - Certification Track)

Certification Track
Degree Requirements: 125 Credit Hours
Additional admission requirements must be met to enter the Secondary Education B.S.Ed. Concentration in History Education, Certification Track (See B.S.Ed. Teacher Education Admission Requirements). Students seeking teacher certification are first admitted to the Professional Studies Secondary Education B.S.Ed. Concentration in History Education, Non-Certification Track. Upon meeting B.S.Ed. teacher education admission requirements at the completion of Area F, students will be admitted to the certification track. Successful completion of all program requirements and all Georgia Professional Standards Commission certification requirements will prepare an individual to gain teacher certification in Georgia.

See Core Curriculum for required courses in Area A1 through Area E.

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<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E) 42</td>
</tr>
<tr>
<td>Additional Requirements 4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major 18</td>
</tr>
</tbody>
</table>

Pre-Professional Block
- EDUC 2090 PPB Practicum
- EDUC 2110 Investigating Critical and Contemporary Issues in Education
- EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts

Other Courses for Teaching Field
- Select 12 credit hours of HIST courses (HIST 1111 or HIST 1112 and HIST 2112 must be taken if not taken in Area B or E of the Core; at least 6 credit hours of HIST credit at the 2000 level)

Professional Education
<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 2130 Exploring Learning and Teaching</td>
</tr>
<tr>
<td>SCED 3121 Planning and Instruction for Secondary Educators</td>
</tr>
<tr>
<td>SCED 3437 Methods of Teaching Social Science in Secondary Schools</td>
</tr>
<tr>
<td>SCED 3721 Secondary School Practicum I</td>
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<td>SCED 4137 Instructional Assessment for Diverse Learners</td>
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<td>SPED 3332 Introduction to SPED in Middle and Secondary Grades</td>
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</tbody>
</table>

Major Requirements
<table>
<thead>
<tr>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>GEOG XXXX Geology course (3000 level or higher)</td>
</tr>
<tr>
<td>HIST 2630 Historical Methods</td>
</tr>
<tr>
<td>HIST 4130 Georgia History</td>
</tr>
<tr>
<td>POLS 4130 American Political Thought</td>
</tr>
<tr>
<td>HIST XXXX US History course (selected in consultation with your advisor)</td>
</tr>
<tr>
<td>HIST XXXX European History course (selected in consultation with your advisor)</td>
</tr>
<tr>
<td>HIST XXXX Non-European History course (selected in consultation with your advisor)</td>
</tr>
<tr>
<td>ANTH XXXX Social Sciences course (3000 level or higher and selected in consultation with your advisor)</td>
</tr>
<tr>
<td>XXXX</td>
</tr>
</tbody>
</table>

Total Credit Hours 125

Program Admission Criteria
See B.S.Ed. Teacher Education Admission Requirements
• Must be admitted into the Teacher Education Program and qualify for a Georgia Preservice Certificate.

Other Program Requirements
• Must meet all requirements for retention in the Teacher Education Program.
• Must earn a minimum grade of "C" on all courses in Area F of the Core, the teaching field, and professional education; earn an adjusted GPA of 2.75 or higher in the teaching field; and maintain overall cumulative GPA of 2.50 or higher.
• Must earn a grade of B or higher in Introduction to SPED in Middle and Secondary Grades (SPED 3332).
• Must successfully complete all field experiences.
• Must take courses in the proper sequence.
• Courses in Area F must be taken prior to admission into the Teacher Education Program.
• Take only one practicum course per semester.
Honors in Secondary Education

To graduate with Honors in Secondary Education, a student must:

- be admitted to the University Honors Program;
- successfully complete at least four credit hours of COED 3610, Honors Research Seminar Education over four semesters;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Advisement

Each student in Secondary Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. E-mail: cjthomp@georgiasouthern.edu.

Secondary Education B.S.Ed.
(Emphasis in Mathematics Education - Certification Track)

Certification Track

Degree Requirements: 125 Credit Hours

Additional admission requirements must be met to enter the Secondary Education B.S.Ed. Concentration in Mathematics Education, Certification Track (See B.S.Ed. Teacher Education Admission Requirements). Students seeking teacher certification are first admitted to the Professional Studies Secondary Education B.S.Ed. Concentration in Mathematics Education, Non-Certification Track. Upon meeting B.S.Ed. teacher education admission requirements at the completion of Area F, students will be admitted to the certification track. Successful completion of all program requirements and all Georgia Professional Standards Commission certification requirements will prepare an individual to gain teacher certification in Georgia.

See Core Curriculum for required courses in Area A1 through Area E.

| General Requirements (Core Areas A - E) | 42 |
| Additional Requirements | 4 |
| Area F - Courses Appropriate to Major | |
| Pre-Professional Block | |
| EDUC 2090 PPB Practicum | 0 |
| EDUC 2110 Investigating Critical and Contemporary Issues in Education | 3 |
| EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts | 3 |
| Other Courses to Teaching Field | |
| MATH 1441 Calculus I | 1 |
| MATH 2160 Linear Algebra | 3 |
| MATH 2242 Calculus II | 1 |
| MATH 2243 Calculus III | 4 |
| MATH 2332 Mathematical Structures | 3 |
| Professional Education | 37 |
| EDUC 2130 Exploring Learning and Teaching | |
| SCED 3121 Planning and Instruction for Secondary Educators | |
| SCED 3537 Methods of Teaching Mathematics in Secondary School | |
| SCED 3721 Secondary School Practicum I | |
| SCED 4137 Instructional Assessment for Diverse Learners | |
| SCED 4231 Content Specific Pedagogy for Secondary Education | |
| SCED 4632 Student Teaching Seminar in Secondary Education | |
| SCED 4732 Secondary School Practicum II | |
| SCED 4739 Student Teaching Residency I | |
| SCED 5799 Student Teaching in Secondary Education | |
| SPED 3332 Introduction to SPED in Middle and Secondary Grades | |
| Total Credit Hours | 125 |

Program Admission Criteria

See B.S.Ed. Teacher Education Admission Requirements

- Must be admitted into the Teacher Education Program and qualify for a Georgia Preservice Certificate

Other Program Requirements

- Must meet all requirements for retention in the Teacher Education Program.
- Must earn a minimum grade of "C" on all courses in Area F of the Core, the teaching field, and professional education; earn an adjusted GPA of 2.75 or higher in the teaching field; and maintain overall cumulative GPA of 2.50 or higher.
- Must earn a minimum grade of "B" or better in SPED 3332 Introduction to SPED in Middle and Secondary Grades.
- Must successfully complete all field experiences.
- Must take courses in the proper sequence.
- Courses in Area F must be taken prior to admission into the Teacher Education Program.
- Take only one practicum course per semester.
- Must meet requirements for admission to Student Teaching, (see catalog section, Admission to Student Teaching).
- Must successfully complete assessments identified at each program transition point.
- Must take the following courses on home campus: SCED 3121, SCED 3237, SCED 3721, SCED 4137, SCED 4231, SCED 4632, SCED 4732, SCED 4739, and SCED 5799.
Honors in Secondary Education
To graduate with Honors in Secondary Education, a student must:

- Be admitted to the University Honors Program;
- Successfully complete at least four credit hours of COED 3610 Honors Research Seminar Education over four semesters;
- Successfully complete and present an Honors Thesis or Capstone Project;
- Be in good standing in the University Honors Program at the time of graduation.

Advisement
Each student in Secondary Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling. Telephone: (912) 478-0698. EMail: cjthomp@georgiasouthern.edu

Secondary Education B.S.Ed.
(Emphasis Physics - Certification Track)

Certification Track

Degree Requirements: 125 Credit Hours

Additional admission requirements must be met to enter the Secondary Education B.S.Ed. Concentration in Physics Education, Certification Track (See B.S.Ed. Teacher Education Admission Requirements). Students seeking teacher certification are first admitted to the Professional Studies Secondary Education B.S.Ed. Concentration in Physics Education, Non-Certification Track. Upon meeting B.S.Ed. teacher education admission requirements at the completion of Area F, students will be admitted to the certification track. Successful completion of all program requirements and all Georgia Professional Standards Commission certification requirements will prepare an individual to gain teacher certification in Georgia.

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core Areas A - E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major 82
Pre-Professional Block
EDUC 2090 PPB Practicum 0
EDUC 2110 Investigating Critical and Contemporary Issues in Education 3
EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts 3
Other Courses to Teaching Field 12
CHEM 1211K Principles of Chemistry I
MATH 2242 Calculus II
Specific Requirements 7
ASTR 1010 Astronomy of the Solar System
ASTR 1020 Stellar and Galactic Astronomy
ASTR 1211 Astronomy Lab
Professional Education 37
EDUC 2130 Exploring Learning and Teaching
SCED 3121 Planning and Instruction for Secondary Educators

SCED 3237 Methods of Teaching Science in Secondary Schools
SCED 3721 Secondary School Practicum I
SCED 4137 Instructional Assessment for Diverse Learners
SCED 4231 Content Specific Pedagogy for Secondary Education
SCED 4632 Student Teaching Seminar in Secondary Education
SCED 4732 Secondary School Practicum II
SCED 4739 Student Teaching Residency I
SCED 5799 Student Teaching in Secondary Education
SPED 3332 Introduction to SPED in Middle and Secondary Grades

Major Requirements
ASTR 3790 Teaching Internship in Astronomy 2
PHYS 3790 Teaching Internship in Physics
MATH 1441 Calculus I (Carry-over from A2) 1
PHYS 3536 Modern Physics I 3
PHYS 3537 Modern Physics II 3
PHYS 4421 Advanced Physics Lab I 2
Select 6 credit hours from the following electives: 6
ASTR 3137 The Search for Life in the Universe
ASTR 4130 Astrophysics
ASTR 4138 Galactic Astronomy
ASTR 4330 Observational Techniques in Astronomy
CHEM 2100 Analytical Chemistry
CHEM 3501 Chemical Kinetics and Thermodynamics
CHEM 3502 Introduction to Quantum Chemistry
PHYS 3130 Sound Waves and Acoustics
PHYS 3131 Optics
PHYS 3558 Introduction to General Relativity

Total Credit Hours 125

Program Admission Criteria
See B.S.Ed. Teacher Education Admission Requirements.

- Must be admitted into the Teacher Education Program and qualify for a Georgia Preservice Certificate.

Other Program Requirements
- Must meet all requirements for retention in the Teacher Education Program.
- Must earn a minimum grade of “C” on all courses in Area F of the Core, the teaching field, and professional education; earn an adjusted GPA of 2.75 or higher in the teaching field; and maintain overall cumulative GPA of 2.50 or higher.
- Must earn a minimum grade of “B” or better in SPED 3332 Introduction to SPED in Middle and Secondary Grades.
- Must successfully complete all field experiences.
- Must take courses in the proper sequence.
- Courses in Area F must be taken prior to admission into the Teacher Education Program.
- Take only one practicum course per semester.
- Must meet requirements for admission to Student Teaching, (see catalog section, Admission to Student Teaching).
• Must successfully complete assessments identified at each program transition point.
• Must take the following courses on home campus: SCED 3121, SCED 3237, SCED 3721, SCED 4137, SCED 4231, SCED 4632, SCED 4732, SCED 4739, and SCED 5799.

Honors in Secondary Education
To graduate with Honors in Secondary Education, a student must:
• be admitted to the University Honors program;
• successfully complete at least four credit hours of Honors Research Seminar Education (COED 3610) over four semesters;
• successfully complete and present as Honors Thesis or Capstone Project;
• be in good standing in the University Honors Program at the time of graduation.

Secondary Education B.S.Ed. - Professional Studies (Emphasis in Biology - Non-Certification Track)

Non-Certification Track

Degree Requirements: 124 Credit Hours

The BSED degree with a major in Secondary Education, Concentration in Biology Education-Professional Studies (Non-Certification Track) provides students who are interested in education the opportunity to take coursework with planned minors and concentrations. The degree allows for choice in several areas leading to a broad background. When accepted to the University all Secondary Education majors are placed in the Professional Studies, Non-Certification Track. This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification in Secondary Biology Education will move into the BSED Secondary Education, Concentration in Biology Education Certification Track.

See Core Curriculum for required courses in Area A1 through Area E.

| General Requirements (Core A-E)       | 42 |
| Additional Requirements                | 4  |
| Area F - Courses Appropriate to Major  | 18 |

Pre-Professional Block

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>EDUC 2090</td>
<td>PPB Practicum</td>
</tr>
<tr>
<td>EDUC 2110</td>
<td>Investigating Critical and Contemporary Issues in Education</td>
</tr>
<tr>
<td>EDUC 2120</td>
<td>Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts</td>
</tr>
</tbody>
</table>

Other Courses to Teaching Field

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1107</td>
<td>Principles of Biology I</td>
</tr>
<tr>
<td>BIOL 1107L</td>
<td>Principles of Biology I Laboratory</td>
</tr>
<tr>
<td>BIOL 1108</td>
<td>Principles of Biology II</td>
</tr>
<tr>
<td>BIOL 1108L</td>
<td>Principles of Biology Laboratory II</td>
</tr>
<tr>
<td>BIOL 1230L</td>
<td>Environmental Biology Lab</td>
</tr>
<tr>
<td>STAT 1401</td>
<td>Elementary Statistics</td>
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Professional Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>EDUC 2130</td>
<td>Exploring Learning and Teaching</td>
</tr>
<tr>
<td>EDUC 3232</td>
<td>Educational Psychology: General</td>
</tr>
<tr>
<td>EDUR 3130</td>
<td>Introduction to Research Methods in Education</td>
</tr>
</tbody>
</table>

ITEC 5233 Foundations of Technology-Enabled Learning
READ 3330 Content Literacy
SPED 3332 Introduction to SPED in Middle and Secondary Grades
TCLD 4231 Cultural Diversity and ESOL/TCLD

Guided Electives 3-9
See Option 1, 2, and 3 below to determine credit hours of guided electives

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>30-36</th>
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</thead>
<tbody>
<tr>
<td>Select one of the following options: 1</td>
<td></td>
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<tr>
<td>Option 1</td>
<td></td>
</tr>
<tr>
<td>Complete 9 credit hours of guided electives under professional education and two 15 credit hour minors related to Biology</td>
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</tr>
<tr>
<td>Option 2</td>
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</tr>
<tr>
<td>Complete 6 credit hours of guided electives under professional education and two 18 credit hours concentrations from the list below</td>
<td></td>
</tr>
<tr>
<td>Option 3</td>
<td></td>
</tr>
<tr>
<td>Complete 9 credit hours of guided electives under professional education and a combination of additional approved courses, a 15 credit hour minor, or an 18 credit hour concentration from the list below</td>
<td></td>
</tr>
</tbody>
</table>

Approved Concentrations


Total Credit Hours 124

1 The selected option must include at least 21 credit hours of upper division courses in Biology.

Program Admission Criteria

• Must meet all University Admission Requirements
• This program does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the B.S.Ed. Secondary Education, Concentration in Biology Education certification track.

Additional Program Requirements

• Must choose Option 1, 2, or 3
• Must identify a career path with their academic advisor

To graduate with B.S.Ed. Professional Studies Secondary Biology Education/Non-Certification, a student must:

• Successfully complete the program of study as outlined in the catalog;
• Be in good standing with a GPA of 2.0 or higher

Advisement

Each student is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling.
(912) 478-0688
cjthomp@georgiasouthern.edu
Secondary Education B.S.Ed. - Professional Studies (Emphasis in Chemistry - Non-Certification Track)

Non-Certification Track

Degree Requirements: 124 Credit Hours

The BSED degree with a major in Secondary Education, Concentration in Chemistry Education-Professional Studies (Non-Certification Track) provides students who are interested in education the opportunity to take coursework with planned minors and concentrations. The degree allows for choice in several areas leading to a broad background. When accepted to the University all Secondary Education majors are placed in the Professional Studies, Non-Certification Track. This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the BSED Secondary Education, Concentration in Chemistry Education Certification Track.

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
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<tr>
<td>Additional Requirements</td>
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Pre-Professional Block

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<td>EDUC 2110</td>
<td>Investigating Critical and Contemporary Issues in Education</td>
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<td>Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts</td>
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</table>

Other Courses to Teaching Field

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<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
</tr>
<tr>
<td>CHEM 2100</td>
<td>Analytical Chemistry</td>
</tr>
</tbody>
</table>

Professional Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 2130</td>
<td>Exploring Learning and Teaching</td>
</tr>
<tr>
<td>EDUF 3232</td>
<td>Educational Psychology: General</td>
</tr>
<tr>
<td>EDUR 3130</td>
<td>Introduction to Research Methods in Education</td>
</tr>
<tr>
<td>ITEC 5233</td>
<td>Foundations of Technology-Enabled Learning</td>
</tr>
<tr>
<td>READ 3330</td>
<td>Content Literacy</td>
</tr>
<tr>
<td>SPED 3332</td>
<td>Introduction to SPED in Middle and Secondary Grades</td>
</tr>
<tr>
<td>TCLD 4231</td>
<td>Cultural Diversity and ESOL/TCLD</td>
</tr>
</tbody>
</table>

Guided Electives

See Option 1, 2, and 3 below to determine credit hours of guided electives

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guided Electives</td>
</tr>
</tbody>
</table>

Major Requirements

Select one of the following options: 1

<table>
<thead>
<tr>
<th>Option 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete 9 credit hours of guided electives under professional education and two 15 credit hour minors related to Chemistry</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Option 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete 3 credit hours of guided electives under professional education and 36 credit hours of Chemistry related content</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Option 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete 3 credit hours of guided electives under professional education, 15 credit hours of approved courses in Chemistry, and a 15 credit hour minor related to Chemistry</td>
</tr>
</tbody>
</table>

Total Credit Hours 124

1 The selected option must include at least 21 credit hours of upper division courses.

Program Admission Criteria

- Must meet all University Admission Requirements
- This program does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the B.S.Ed. Secondary Education, Concentration in Chemistry Education certification track.

Additional Program Requirements

- Must choose Option 1, 2, or 3
- Must identify a career path with their academic advisor

To graduate with B.S.Ed. Professional Studies Secondary Chemistry Education/Non-Certification, a student must:

- successfully complete the program of study as outlined in the catalog;
- be in good standing with a GPA of 2.0 or higher

Advisement

Each student in Professional Studies Chemistry Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling.

(912) 478-0698
cjthomp@georgiasouthern.edu

Secondary Education B.S.Ed. - Professional Studies (Emphasis in English - Non-Certification Track)

Non-Certification Track

Degree Requirements: 124 Credit Hours

The BSED degree with a major in Secondary Education, Concentration in English Education-Professional Studies (Non-Certification Track) provides students who are interested in education the opportunity to take coursework with planned minors and concentrations. The degree allows for choice in several areas leading to a broad background. When accepted to the University all Secondary Education majors are placed in the Professional Studies, (Non-Certification Track). This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the BSED Secondary Education, Concentration in English Education Certification Track.

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
</tr>
<tr>
<td>Specific Requirements (Area A2 - Quantitative Skills)</td>
</tr>
</tbody>
</table>

See Core Curriculum for required courses in Area A1 through Area E.
MATH 1441 Calculus I (Recommended)

Additional Requirements 4

Area F - Courses Appropriate to Major 18
Pre-Professional Block
EDUC 2090 PPB Practicum
EDUC 2110 Investigating Critical and Contemporary Issues in Education
EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts

Other Courses to Teaching Field
ENGL 2100 Literature And Humanities (if taken in Core Area C, substitute 3 credit hours of ENGL at the 2000 level)

Professional Education 21
EDUC 2130 Exploring Learning and Teaching
EDUF 3232 Educational Psychology: General
EDUR 3130 Introduction to Research Methods in Education
ITEC 5233 Foundations of Technology-Enabled Learning
READ 3330 Content Literacy
SPED 3332 Introduction to SPED in Middle and Secondary Grades
TCLD 4231 Cultural Diversity and ESOL/TCLD

Guided Electives 3-6
See Option 1, 2, and 3 below to determine credit hours of guided electives

Major Requirements 30-36
Select one of the following options:

Option 1
Complete 9 credit hours of guided electives under professional education and two 15 credit hour minors (please review minors in the catalog)

Option 2
Complete 3 credit hours of guided electives under professional education and two 18 credit hour concentrations from the list below

Option 3
Complete 9 credit hours of guided electives under professional education, and a combination of additional approved courses, a 15 credit hour minor, or an 18 credit hour concentration from the list below

Approved Concentrations:
- Africana Studies
- American Studies
- Business, Communication Arts
- Culture and Society
- Education, Entrepreneurship
- Environmental Sustainability
- Individual Emphasis
- International Studies
- Irish Studies
- Justice Studies
- Modern Languages
- Political Science
- Psychology
- Public Administration
- Religious Studies
- Sociology
- Southern Studies
- Women's and Gender Studies
- Writing

Total Credit Hours 124

1 The selected option must include at least 21 credit hours of upper division courses.

Program Admission Criteria
- Must meet all University Admission Requirements
- This program does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the B.S.Ed. Secondary Education, Concentration in English Education certification track.

Additional Program Requirements
- Must choose Option 1, 2, or 3
- Must identify a career path with their academic advisor

To graduate with B.S.Ed. Professional Secondary English Education/Non-Certification, a student must:
- successfully complete the program of study as outlined in the catalog;
- be in good standing with a GPA of 2.0 or higher

Advisement
Each student in Professional Studies Secondary English Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling.

(912) 478-0698
cjthomp@georgiasouthern.edu

Secondary Education B.S.Ed. - Professional Studies (Emphasis in History - Non-Certification Track)

Non-Certification Track

Degree Requirements: 124 Credit Hours

The BSED degree with a major in Secondary Education, Concentration in History Education-Professional Studies (Non-Certification Track) provides students who are interested in education the opportunity to take coursework with planned minors and concentrations. The degree allows for choice in several areas leading to a broad background. When accepted to the University all Secondary Education majors are placed in the Professional Studies, (Non-Certification Track). This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification Secondary History Education will move into the BSED Secondary Education, Concentration in History Education Certification Track.

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core Areas A - E) 42

Additional Requirements 4

Area F - Courses Appropriate to Major 18
Pre-Professional Block
EDUC 2090 PPB Practicum
EDUC 2110 Investigating Critical and Contemporary Issues in Education
EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts

Other Courses to Teaching Field
Select 12 credit hours of HIS courses

Professional Education 21
EDUC 2130 Exploring Learning and Teaching
EDUF 3232 Educational Psychology: General
EDUR 3130 Introduction to Research Methods in Education
ITEC 5233 Foundations of Technology-Enabled Learning
READ 3330 Content Literacy
Secondary Education B.S.Ed. - Professional Studies (Emphasis in Mathematics-Non-Certification Track)

Non-Certification Track Degree Requirements: 124 Credit Hours

The BSED degree with a major in Secondary Education, Concentration in Mathematics Education-Professional Studies (Non-Certification Track) provides students who are interested in education the opportunity to take coursework with planned minors and concentrations. The degree allows for choice in several areas leading to a broad background. When accepted to the University all Secondary Education majors are placed in the Professional Studies, Non-Certification Track. This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification in Secondary Mathematics Education will move into the BSEd Secondary Education, Concentration in Mathematics Education Certification Track.

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>Additional Requirements</td>
</tr>
<tr>
<td>4</td>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>18</td>
<td>Pre-Professional Block</td>
</tr>
<tr>
<td></td>
<td>PEN 3411 Communication Elective</td>
</tr>
<tr>
<td></td>
<td>EDUC 2090 PPB Practicum</td>
</tr>
<tr>
<td></td>
<td>EDUC 2110 Investigating Critical and Contemporary Issues in Education</td>
</tr>
<tr>
<td></td>
<td>EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts</td>
</tr>
<tr>
<td></td>
<td>Other Courses to Teaching Field</td>
</tr>
<tr>
<td></td>
<td>MATH 1441 Calculus I</td>
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<tr>
<td></td>
<td>MATH 2160 Linear Algebra</td>
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<tr>
<td></td>
<td>MATH 2242 Calculus II</td>
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<td></td>
<td>MATH 2243 Calculus III</td>
</tr>
<tr>
<td></td>
<td>MATH 2332 Mathematical Structures</td>
</tr>
<tr>
<td></td>
<td>Professional Education</td>
</tr>
<tr>
<td></td>
<td>EDUC 2130 Exploring Learning and Teaching</td>
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<td>EDUF 3232 Educational Psychology: General</td>
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</tr>
<tr>
<td></td>
<td>TCLD 4231 Cultural Diversity and ESOL/TCLD</td>
</tr>
</tbody>
</table>

Guided Electives 3-9

See Option 1, 2, and 3 below to determine credit hours of guided electives

Major Requirements 30-36

Select one of the following options:

Option 1

Complete 9 credit hours of guided electives under professional education and two 15 credit hour minors related to Mathematics.
Option 2
Complete 3 credit hours of guided electives under professional education and 36 credit hours of Mathematics related content

Option 3
Complete 3 credit hours of guided electives under professional education, 15 credit hours of approved courses in Mathematics, and a 15 credit hour minor related to Mathematics

Total Credit Hours 124

1 The selected option must include at least 21 credit hours of upper division courses.

Program Admission Criteria
• Must meet all University Admission Requirements
• This program does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the B.S.Ed. Secondary Education, Concentration in Mathematics Education certification track.

Additional Program Requirements
• Must choose Option 1, 2, or 3
• Must identify a career path with their academic advisor

To graduate with B.S.Ed. Professional Studies Secondary Mathematics Education/Non-Certification, a student must:
• successfully complete the program of study as outlined in the catalog;
• be in good standing with a GPA of 2.0 or higher

Advisement
Each student in Professional Studies Secondary Mathematics Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling.
(912) 478-0698
cjthomp@georgiasouthern.edu

Secondary Education B.S.Ed. - Professional Studies (Emphasis in Physics - Non-Certification Track)

Degree Requirements: 124 Credit Hours
The BSED degree with a major in Secondary Education, Concentration in Physics Education-Professional Studies (Non-Certification Track) provides students who are interested in education the opportunity to take coursework with planned minors and concentrations. The degree allows for choice in several areas leading to a broad background. When accepted to the University all Secondary Education majors are placed in the Professional Studies, Non-Certification Track. This track does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the BSED Secondary Education, Concentration in Physics Education Certification Track.

See Core Curriculum for required courses in Area A1 through Area E.

Pre-Professional Block
EDUC 2090 PPB Practicum
EDUC 2110 Investigating Critical and Contemporary Issues in Education
EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts

Other Courses to Teaching Field
CHEM 1211K Principles of Chemistry I
CHEM 1212K Principles of Chemistry II
MATH 2242 Calculus II

Professional Education
EDUC 2130 Exploring Learning and Teaching 3
EDUR 3130 Introduction to Research Methods in Education 3
EDUF 3232 Educational Psychology: General 3
ITEC 5233 Foundations of Technology-Enabled Learning 3
READ 3330 Content Literacy 3

Guided Electives
See 1, 2, and 3 below to determine credit hours of guided electives 3-9

Major Requirements
Select one of the following options:
Option 1
Complete 9 credit hours of guided electives under professional education and two 15 credit hour minors related to Physics 30

Option 2
Complete 3 credit hours of guided electives under professional education and 36 credit hours of Physics related content 36

Option 3
Complete 3 credit hours of guided electives under professional education, 15 credit hours of approved courses in Physics, and a 15 credit hour minor related to Physics 30

Total Credit Hours 124

1 The selected option must include at least 21 hours of upper division courses.

Program Admission Criteria
• Must meet all University Admission Requirements
• This program does NOT lead to teacher certification. Upon meeting teacher education program admission requirements, those seeking teacher certification will move into the B.S.Ed. Secondary Education, Concentration in Physics Education certification track.

Additional Program Requirements
• Must choose Option 1, 2, or 3
• Must identify a career path with their academic advisor

To graduate with B.S.Ed. Professional Studies Secondary Physics Education/Non-Certification, a student must:
• successfully complete the program of study as outlined in the catalog;
• be in good standing with a GPA of 2.0 or higher

See Core Curriculum for required courses in Area A1 through Area E.
Advisement

Each student in Professional Studies Secondary Physics Education is assigned to an advisor in the College of Education Student Success Center for program planning and course scheduling.  
(912) 478-0698  
cjthomp@georgiasouthern.edu

Undergraduate Program Approval and Unit Accreditation

The College of Education offers undergraduate teacher certification and non-certification programs. Programs are developed in collaboration with departments across the university and with professionals in the field of education. Each certification program has been approved by the Georgia Professional Standards Commission and accredited by the National Council for Accreditation of Teacher Education, and all programs are accredited by the Southern Association of Colleges and Schools.

Programs - Undergraduate

Certification Programs:

Art Education – B.S. Teacher preparation program offered by the Department of Art with certification through the College of Education (Armstrong Campus)

Elementary Education - B.S.Ed. with study concentrations in:  
  Elementary Education (Armstrong and Statesboro Campuses)
  Elementary Education/Special Education Dual Certification (Statesboro Campus)

Health and Physical Education - B.S.Ed. (Armstrong and Statesboro Campuses)

Music Education - B.M. Teacher preparation program offered by the Department of Music with certification through the College of Education (Armstrong and Statesboro Campuses)

Middle Grades Education - B.S.Ed. (Statesboro Campus)

Secondary Education - B.S.Ed. with study concentrations in:  
  Biology Education (Statesboro and Armstrong Campuses)
  Chemistry Education (Statesboro and Armstrong Campuses)
  English Education (Armstrong Campus)
  History Education (Armstrong Campus)
  Mathematics Education (Statesboro and Armstrong Campuses)
  Physics Education (Statesboro Campus)

Special Education (Interrelated/Mild) - B.S.Ed. (Armstrong and Statesboro Campuses)

Non-Certification Programs:

Elementary Education, Professional Studies (Statesboro and Armstrong Campuses)

Health and Physical Education, Professional Studies (Statesboro and Armstrong Campuses)

Middle Grades Education, Professional Studies (Statesboro and Armstrong Campuses)

Secondary Education, Professional Studies with study concentrations in:  
  Biology Education (Statesboro and Armstrong Campuses)
  Chemistry Education (Statesboro and Armstrong Campuses)
  English Education (Statesboro and Armstrong Campuses)
  History Education (Armstrong Campus)
  Mathematics Education (Statesboro and Armstrong Campuses)
  Physics Education (Statesboro Campus)

B.S.Ed. Degree Requirements

General requirements for the B.S.Ed. degree include fulfillment of the Core Curriculum, completion of all junior/senior level required courses in the teaching field and professional education coursework, and 4 credit hours in orientation and health and physical education. At least half of the courses required in the teaching field must be taken at this institution. Correspondence and extension credit hours may not be used to satisfy professional education and content requirements. In addition to these requirements, students pursuing a teacher certification program are required to be admitted to the Teacher Education Program.

Teacher Education Program

Undergraduate students and those seeking initial certification as non-degree/M.A.T. students must meet admission requirements for the Teacher Education Program. (See Graduate Catalog for graduate non-degree (http://catalog.georgiasouthern.edu/graduate/education/non-degree-graduate-studies)/M.A.T. requirements (http://catalog.georgiasouthern.edu/graduate/education/alternative-teacher-certification-programs).) Criteria for retention in the program must also be met, as well as specific program requirements and clinical practice requirements. Candidate progress is monitored by program faculty and advisors to ensure that candidates are satisfactorily meeting program outcomes.

Admission and Retention in the Teacher Education Program

Admission to the Teacher Education Program (TEP) is required for those students wishing to pursue a degree in any of the education undergraduate programs or in the M.A.T. degree or related non-degree program that leads to initial teacher certification. (See Graduate Catalog for M.A.T. requirements (http://catalog.georgiasouthern.edu/graduate/education/alternative-teacher-certification-programs).) Undergraduate students pursuing a certification program must be admitted into the Teacher Education Program as a prerequisite for enrollment in junior/senior level education courses. Students must apply for and be issued a Pre-Service Certificate from the Georgia Professional Standards Commission. This certification serves as formal admission into the Teacher Education Program. The Pre-Service Certificate application process occurs during enrollment in the Pre-Professional Block (PPB), a set of three, three-credit hour courses, which include a field experience totaling 51 clock hours taken concurrently during the second semester of the sophomore year. Transfer undergraduate students who completed PPB courses and field experiences at another institution will complete the Pre-Service Certificate application at SOAR. During the PPB semester, undergraduate students begin using a data management system. This system supports the monitoring and assessment of students’ progress through the TEP.

In order to be admitted into the Teacher Education Program (TEP), an undergraduate student must have:
1. Earned a cumulative GPA of 2.50 or better on all Georgia Southern coursework, as well as any transfer and transient credit hours which have been accepted by Georgia Southern.

2. Earned a minimum of 50 credit hours in Core Curriculum courses including Area F Professional Education Block courses.

3. Completed Area A1, Area A2, and Area F coursework (including the Pre-Professional Block) with a minimum grade of “C”.

4. Completed a MyPSC account with the Georgia Professional Standards Commission and claimed Georgia Southern University as the program provider.

5. Successfully completed the GACE Program Admission Assessment examination or be exempted by SAT/ACT/GRE scores.

6. Completed the Georgia Educator Ethics – Program Entry (350).

7. Successfully completed the Pre-Professional Block TEP Admissions Folio Review.

8. Earned a passing evaluation on Area F field experience rubrics. Any student who does not successfully complete the field component of the Area F courses may apply through the Office of Initial Educator Preparation and Assessment to attempt this field experience again. This field experience will be repeatable as field placements are available and must be completed successfully within three attempts, including the original attempt.

9. Submitted proof of liability insurance.

10. Apply for and receive a Preservice Certificate from the Georgia Professional Standards Commission. coe.georgiasouthern.edu/ssc/certification

11. Maintain an active account with the College of Education’s electronic assessment and data management system.

All of the following requirements must be met for retention in the Teacher Education Program:

1. Students must maintain an overall cumulative GPA of 2.50 or better.

2. Students must maintain a total adjusted GPA of 2.75 or better on all professional education and all teaching field coursework.

3. Students must earn a minimum grade of “C” in all professional education and all teaching field coursework.

4. Students must successfully complete all field experiences.

5. Students must not have been found in violation of the Georgia Southern Student Conduct Code. Reviews will be made on a case-by-case basis based on the seriousness of the violation and with regard to consistency.

6. Students must not have violated the Georgia Professional Standards Commission’s Code of Ethics for Professional Educators. Students must abide by this Code of Ethics and report any violations to the Georgia Professional Standards Commission.

7. Students must be making satisfactory progress toward meeting program objectives. Program faculty will be responsible for monitoring student progress and providing guidance to students who may be having difficulty meeting retention requirements.

8. Students must maintain liability insurance.

9. Students must maintain an active account with the College of Education’s electronic assessment and data management system.

• All field experiences are coordinated between the Office of Initial Educator Preparation and Assessment, academic programs, and Partner Schools.

• An attempt will be made to place two or more teacher candidates in a school. An exception to this clustering policy could be rendered by a program or department. This exception would be a result of specialization required of the clinical supervisor. (This does not apply to candidates in an online Master of Arts in Teaching program.)

• One geographical area will serve Georgia Southern’s teacher candidate population. The primary area is approximately 70 miles from each Georgia Southern campus (this includes Teachers of Record enrolled in non-online MAT programs). Candidates can expect the maximum one-way travel of 70 miles or less from Georgia Southern to a school placement. (This policy does not apply to candidates in a fully online Master of Arts in Teaching program.)

• All field placements and clinical practice assignments are identified and assigned by the program director/coordinate. Placements are non-negotiable.

• Teacher candidates seldom receive a field placement at a school site where they have had a previous field experience placement. This policy provides candidates with diversity in placements and teaching experiences. The exception to this policy is year-long placements during the senior year.

• Teacher candidates are not placed in schools where relatives are employed, where they have been enrolled as a student, or where relatives are enrolled as students.

• Teacher candidates that have an identified disability requiring accommodations during a field experience or clinical practice must consult with the Student Accessibility Resource Center the semester prior to the field experience to discuss accommodations. All teacher candidates must successfully demonstrate their ability to meet, with or without accommodations, the standards and expectations of the teaching profession.

• Teacher candidates are limited to enrolling in a maximum of 12 semester hours during the clinical practice semester. The exception to this is when a candidate is enrolled in ESED 5235 and/or COED 3160.

• Candidates enrolled in a Master of Arts in Teaching program can only accept employment in a Georgia school that meets the GaPSC requirements; see PSC Rule 505-3-.01, section 4 (iv).

• Candidates enrolled in a Master of Arts in Teaching program and are hired by a school system as a Teacher of Record must be teaching in the content area of the certification they are seeking.

• Candidates enrolled in a Master of Arts in Teaching program and are hired by a school system as a Teacher of Record must be teaching full-time in the content area of the certification they are seeking during their semester of clinical practice/internship.

Intervention Policies for Field Experiences and Clinical Practice

• Candidates are allowed a maximum of two (2) Professional Support plans (A/B) (each for different areas of difficulty) per field experience or clinical practice.

• Candidates are allowed a maximum of one (1) Probationary Status per field experience or clinical practice.

• Candidates may repeat each field experience or clinical practice one (1) time.

• Withdrawing without academic penalty, withdrawing failing, or withdrawing at the recommendation of the program faculty from a field experience or clinical practice will be considered one (1) attempt at that field experience.

• When a school personnel request that candidates be removed from the school for performance or professional reasons the placement will end immediately. A new field placement will rarely be identified until the following semester.

Policies and Procedures for Field Experiences, Internships and Clinical Experience - Initial Teacher Preparation

Field Experience Placement Policies

Field placements are very important to candidates in the teacher preparation program. Georgia Southern University and its Partner Schools place great importance on field experiences.
Requirements for Admission to Clinical Practice

Clinical practice is required in all teacher preparation programs at the initial preparation level. In order to participate in clinical practice, a teacher candidate must:

1. Meet all admission requirement for the Teacher Education Program.
2. Have earned an overall cumulative GPA of 2.50 or higher on all college coursework attempted.
3. Complete all professional education program courses in the teaching field with a grade of “C” or better and an adjusted GPA of 2.75 or better.
4. Prior to clinical practice complete all coursework in the program of study. Exceptions are ESED 5235 and COED 3610.
5. Meet admission requirements for clinical practice no later than one semester prior to enrollment for the course.
6. Attempt the GACE Content Assessment appropriate to the field.
7. Possess valid liability insurance.
8. Pass the Georgia Educators Ethics – Program Exit (360) Assessment.
10. Apply for clinical practice by the established deadline one academic semester prior to registration for the course.

Note: School districts may have additional requirements for student teachers/interns placed in their schools. Student teachers/interns must meet these additional requirements.

International Study Opportunity

International student teaching exchanges may be available. Information can be obtained from the Office of Initial Educator Preparation and Assessment.

Certification

The programs offered by the College of Education at the undergraduate level are designed to prepare teachers for Level Four Induction teacher certification in the state of Georgia. For individuals who already hold a bachelor’s degree and are interested in Elementary Education or Health and Physical Education, another certification option is to complete program requirements at the undergraduate level. For Music Education (grades P-12), initial teaching certification is only available at the undergraduate level. For more information on Georgia teacher certification see the Georgia Professional Standards website, www.gapsc.com (http://www.gapsc.com). Upon program completion and meeting all certification requirements candidates will be ready to apply for certification. Please note, a certificate of eligibility will be issued by the Georgia Professional Standards Commission (GaPSC) prior to employment. Once hired, an induction certificate will be issued by the GaPSC. Please see the Student Success Center website for further information and instructions.

coe.georgiasouthern.edu/ssc/certification

All college of Education graduates who have completed an initial, advanced, add-on or endorsement program must file an application for a certificate. This will include opening a myPSC account with the GaPSC and claiming Georgia Southern University as the program provider. Students enrolled in a Teacher Education program (undergraduate and MAT) are given an opportunity to make an application at a prescribed time. All candidates for an initial teaching certificate must earn passing scores on the two required Georgia Assessments for the Certification of Educators (GACE); content assessment and the Educators Ethics Exit 360, and earn a passing score on the national assessment, edTPA. The Director of the SSC/Certification Officer will verify that all requirements, including claiming, course work, GACE requirements, and edTPA are complete, and program completion will be submitted to the GAPSC. Contact information for the certification process is Christina Thompson, 912-478-0698 or cjthomp@georgiasouthern.edu.

coe.georgiasouthern.edu/ssc/certification

Post Baccalaureate and M.A.T. Teacher Certification Process and Procedures

The College of Education offers the Master of Arts in Teaching (M.A.T.) degree and a similar graduate non-degree program option for those who hold bachelor’s degrees in a related teaching field. (See the Graduate Catalog for M.A.T. procedures (http://catalog.georgiasouthern.edu/graduate/education/alternative-teacher-certification-programs.) Those who hold a bachelor’s degree and are interested in Music Education certification must complete program requirements at the undergraduate level. For each of these options, students must have their transcripts evaluated by Georgia Southern University’s Certification Officer, and they must meet all Teacher Education Program (TEP) admission and retention requirements, including an overall GPA of 2.50 or higher on all college course work attempted.

For further information please contact:

College of Education Student Success Center
Ms. Christina Thompson
P.O. Box 8029
Statesboro, GA 30460
cjthomp@georgiasouthern.edu
(912) 478-0698
FAX: (912) 478-5514
coe.georgiasouthern.edu/advisement

Allen E. Paulson College of Engineering Computing

The Allen E. Paulson College of Engineering and Computing (CoEC) at Georgia Southern University offers both undergraduate and graduate degree programs. At the undergraduate level, the CoEC offers ten Bachelor of Science degree programs: Civil Engineering; Computer Engineering; Computer Science; Construction; Construction Engineering; Electrical Engineering; Information Technology and Bachelor of Information Technology (BIT) Online; Manufacturing Engineering; and Mechanical Engineering. CS and IT are offered on both the Statesboro and Armstrong campuses.

The first two years of the Mechanical Engineering program is offered on the Armstrong campus and students must transition to the Statesboro campus to complete the MechE degree. The Regents’ Engineering Pathway (REP) Program, available on both the Armstrong and Statesboro campuses, is offered as an option for students to complete the first two years of their engineering curriculum at designated Georgia colleges and then transfer to Georgia Southern (or another engineering school in Georgia) based on the availability of a particular major, to complete their BS degree in engineering.

At the graduate level, the college offers Master of Science degree programs in Applied Engineering (with concentrations in Advanced Manufacturing Engineering and in Engineering Management); Civil Engineering, Computer Science, Electrical Engineering, Information Technology, and Mechanical Engineering. The College also offers two graduate certificates in Engineering & Manufacturing Management, and Occupational Safety & Environmental Compliance on the Statesboro campus. Undergraduate students may now choose an Accelerated Bachelors to Masters (ABM) pathway for any of our MS degree programs.
Research Symposium.

student-led research projects which are showcased in the annual Student department's current areas of research are included in the department to engage in research under faculty supervision. Examples of each faculty work diligently to provide students with abundant opportunities and projects is a primary focus of the College. College administration and Involving undergraduate students in applied, hands-on research activities Undergraduate Research

Curriculum for further information.

the employer. Students should contact the Associate Dean for Students & work semesters. Work responsibilities and salaries are determined by least 2.5, and be willing to participate in a minimum of two alternating co-

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Applying for students majoring in Construction and in Information Technology. Internship opportunities are available for all undergraduate programs in the Allen E. Paulson College of Engineering and Computing and are required for students majoring in Construction and in Information Technology. Internships are supervised experiential learning programs designed to allow students an opportunity to receive practical experience in their chosen field of study. Students should contact the Associate Dean for Students & Curriculum for further information.

Experiential Learning Opportunities

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Co-ops allow students the opportunity to gain work experience related to their academic major while earning a salary. To participate in a cooperative education opportunity, a student must have completed at least 30 semester hours of instruction, have a grade point average of at least 2.5, and be willing to participate in a minimum of two alternating co-op work semesters. Work responsibilities and salaries are determined by the employer. Students should contact the Associate Dean for Students & Curriculum for further information.

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Programs

Vision

The College of Engineering and Computing will be a nationally recognized leader in engineering, computer science, and information technology in the areas of student-centric and application-based teaching, research, and service.

Mission

The College of Engineering and Computing will maintain a dynamic and evolutionary environment of excellence in teaching, research, and service in which students, faculty and staff can achieve their professional goals. In these endeavors, the College will foster student-centric professional learning experiences utilizing advanced technologies that are applied with state-of-the-art equipment, inspire innovation and invention, encourage sustainability, and technically and economically enrich our communities and societies.

College Structure

Department of Civil Engineering and Construction Management (p. 172)
Department of Computer Science (p. 175)
Department of Electrical and Computer Engineering (p. 177)
Department of Information Technology (p. 179)
Department of Manufacturing Engineering (p. 183)
Department of Mechanical Engineering (p. 184)
REPP - Regents’ Engineering Pathway Program (p. 186)

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Industrial Relations  
IT Building Room 3400  
P.O. Box 7995 (912) 478-5474  
E-mail address: rgerbsch@georgiasouthern.edu  
(jomalley@georgiasouthern.edu)

Department of Civil Engineering and Construction Management

The departmental goals are to instill in our students state-of-the-art knowledge for their professional careers and life-long development skills needed to enter the fields of civil engineering, construction, and construction engineering, while meeting all the requirements to earn a Bachelor of Science degree. The faculty engage in the best practices of teaching, scholarship, and service to ensure that graduates serve as ethical and highly qualified leaders of civil engineering, construction and construction engineering. Students will find open doors to a dedicated and diverse faculty who are well-educated yet grounded in the practical aspects of “real world” civil engineering, construction engineering, and construction. The CE program is accredited by the Engineering Accreditation Commission of ABET, www.abet.org (http://www.abet.org). The Construction program is accredited by the American Council on Construction Education (ACCE), acce-hq.org (http://acce-hq.org). The Construction Engineering program will be eligible to apply for EAC of ABET accreditation upon graduation of the first cohort of students from the program.

Programs

Majors

- Civil Engineering B.S.C.E. (p. 172)
- Construction B.S.Cons. (p. 173)
- Construction Engineering B.S.Con.E. (p. 174)

Minors

No results were found.

Civil Engineering B.S.C.E.

Degree Requirements: 130 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Major Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>General Requirements (Core A - E)</td>
</tr>
<tr>
<td>4</td>
<td>Additional Requirements</td>
</tr>
<tr>
<td>4</td>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>18</td>
<td>Specific Requirements</td>
</tr>
</tbody>
</table>

| CENG 1133 | Engineering Graphics for Civil and Construction Engineers |
| CHEM 1310 | Comprehensive General Chemistry |
| MATH 2160 | Linear Algebra |
| MATH 2242 | Calculus II |
| MATH 2243 | Calculus III |
| CENG 1731 | Civil Engineering Computations |
| ENGR 2231 | Engineering Mechanics I |
| ENGR 2232 | Dynamics of Rigid Bodies |
| ENGR 3233 | Mechanics of Materials |
| MATH 3230 | Ordinary Differential Equations |
| STAT 1401 | Elementary Statistics |

| CENG 2131 | Civil Engineering Fluid Mechanics |
| CENG 2231 | Surveying |
| or TCM 2233 | Construction Surveying |
| CENG 3131 | Introduction to Environmental Engineering |
| CENG 3132 | Introduction to Water and Wastewater Treatment |
| CENG 3135 | Construction Cost Control and Finance |
| or TCM 3331 | Construction Finance |
| CENG 3232 | Soil Mechanics |
| CENG 3233 | Civil Engineering Materials |
| CENG 3331 | Structural Analysis |
| CENG 3333 | Reinforced Concrete Design |
| CENG 4135 | Highway Design |
| CENG 4331 | Structural Steel Design |
| CENG 4518 | Introduction to Senior Project |
| CENG 4539 | Senior Project |

Technical Electives: 6 credit hours from the following recommended technical elective courses:

- CENG 4133 Transportation Systems
- CENG 4232 Foundation Design
- CENG 4730 Experiential Learning in Civil and Construction Engineering - COOP
- CENG 4890 Special Problems in Civil Engineering
- CENG 5090 Selected Topics in Civil Engineering
- CENG 5133 Water Supply and Wastewater Collection Systems
- CENG 5136 Watershed Management
- CENG 5137 Engineering Hydrology and Hydraulics
- CENG 5138 Water and Sanitation for International Development
- CENG 5139 Advanced Water and Wastewater Treatment
- CENG 5231 Pavement Analysis and Design
- CENG 5232 Foundation Design
- CENG 5234 Asphalt Mix Design
- CENG 5331 Advanced Structural Analysis
- CENG 5332 Prestressed Concrete Design
- CENG 5333 Advanced Reinforced Concrete Design
- CENG 5334 Advanced Structural Steel Design
- CENG 5335 Structural Dynamics
- CENG 5336 Introduction to Finite Elements
- CENG 5337 Advanced Strength
- CENG 5338 Theory of Elasticity
- CENG 5339 Theory of Elastic Stability
- CENG 5431 Advanced Surveying
- CENG 5432 Introduction to GIS in Surveying-Geomatics and Transportation
- CENG 5433 Drainage & Erosion Control
- CENG 5434 Surveying History & Law
- CENG 5435 Introduction to Terrestrial LiDAR
- CENG 5436 Introduction to Close-Range Photogrammetry
To graduate with Honors in Civil Engineering a student must:

- Be admitted in the University Honors Program
- Complete a Honors thesis (in a minimum of two regular semesters) for a total of 3-credit hours in Honors Research (HONS 4999)
- Maintain a 3.3 institution grade point average, including a 3.5 minimum GPA in all major courses applied toward graduation

Honors in Civil Engineering

To graduate in the ABM program, a student must:

1. Be enrolled as a current Georgia Southern undergraduate student majoring in Civil Engineering (CE).
2. Have completed at least 25 credit hours of undergraduate coursework in the CE discipline including: MATH 1441, MATH 2242, PHYS 2211K, PHYS 2212K and CENG 1133.
3. Have a 3.0 (4.0 scale) cumulative grade point average or higher on courses in undergraduate work.

ABM programs do not allow provisional admission. ABM programs are designed for students who have demonstrated a high level of undergraduate academic performance that validates their ability to be successful graduate students. Students who do not meet the minimum requirements for regular admission may be granted admission to the program upon approval of an admissions committee consisting of at least the Department Chair and the Graduate Program director.

ABM Degree Requirements: 30 Credit Hours Non-Thesis

1. A student in the ABM program will be allowed to use up to 9 credits CENG 5000G level courses offered within the Civil Engineering program in meeting the requirements of both a bachelor’s degree and a master’s degree.
2. Maintain a cumulative graduate GPA of 3.0 (grade of “B” or better) in their graduate degree course work (including the 9 credits of graduate course work shared with the undergraduate degree).
3. Meet all requirements for both the BSCE and MSCE degrees.
4. An undergraduate student enrolled in graduate classes is limited to 6 credit hours of graduate coursework per semester.
5. A minimum of 50% of courses for the Master of Science in Civil Engineering degree must be taken at or above the 6000 level.

Advisement

CoEC Office of Student Services, IT Building 1208, Allen E. Paulson
College of Engineering and Computing, (912) 478-4877.

Construction B.S.Cons.

Degree Requirements: 129 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
</tr>
<tr>
<td>Additional Requirements</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>ACCT 2030 Survey of Accounting</td>
</tr>
<tr>
<td>TCM 1131 Building Materials and Systems</td>
</tr>
<tr>
<td>TCM 1231 Introduction to Construction Management</td>
</tr>
<tr>
<td>TCM 1232 Construction Graphics</td>
</tr>
<tr>
<td>TCM 2233 Construction Surveying or CENG 2231 Surveying</td>
</tr>
<tr>
<td>WRIT 2130 Technical Communication</td>
</tr>
</tbody>
</table>

Major Courses

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Elective 1</td>
</tr>
<tr>
<td>Business Elective 2</td>
</tr>
<tr>
<td>LSTD 3230 Building Construction Law</td>
</tr>
<tr>
<td>MGMT 3130 Principles of Management</td>
</tr>
</tbody>
</table>
Credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCM 2234</td>
<td>Mechanical and Electrical Equipment and Systems</td>
</tr>
<tr>
<td>TCM 2235</td>
<td>Introduction to Structures</td>
</tr>
<tr>
<td>TCM 2430</td>
<td>Construction Safety</td>
</tr>
<tr>
<td>TCM 3231</td>
<td>Steel Structures</td>
</tr>
<tr>
<td>TCM 3232</td>
<td>Concrete and Masonry Structures</td>
</tr>
<tr>
<td>TCM 3330</td>
<td>Quantity Estimating</td>
</tr>
<tr>
<td>TCM 3331</td>
<td>Construction Finance</td>
</tr>
<tr>
<td>TCM 3332</td>
<td>Construction Equipment Management</td>
</tr>
<tr>
<td>TCM 3333</td>
<td>Building Codes</td>
</tr>
<tr>
<td>TCM 3890</td>
<td>Special Problems in Construction 1</td>
</tr>
<tr>
<td>TCM 4090</td>
<td>Selected Topics in Construction 1</td>
</tr>
<tr>
<td>TCM 4432</td>
<td>Construction Administration</td>
</tr>
<tr>
<td>TCM 4434</td>
<td>Soils and Foundations</td>
</tr>
<tr>
<td>TCM 4518</td>
<td>Introduction to Senior Project</td>
</tr>
<tr>
<td>TCM 4530</td>
<td>Senior Project</td>
</tr>
<tr>
<td>TCM 4710</td>
<td>Construction Internship</td>
</tr>
<tr>
<td>TCM 5330</td>
<td>Green Building and Sustainable Construction</td>
</tr>
<tr>
<td>TCM 5333</td>
<td>Building Information Modeling</td>
</tr>
<tr>
<td>TCM 5431</td>
<td>Construction Cost Estimating</td>
</tr>
<tr>
<td>TCM 5433</td>
<td>Proj Planning/Scheduling</td>
</tr>
<tr>
<td>Free Elective</td>
<td>Select 3 credit hours of Free Electives</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td>129</td>
</tr>
</tbody>
</table>

**Other Program Requirements**

- At least 100 hours of Departmental pre-approved community service must be completed prior to graduation clearance.
- A minimum grade of "C" is required in all TCM and PHYS courses.
- Students must take the American Institute of Constructors, Associate Constructor (Level 1) Exam prior to Graduation.

**Advisement**

Statesboro: CoEC Student Services Center, IT Building 1208, PO Box 7996, 912-478-4877

**Construction Engineering B.S.Con.E.**

**Degree Requirements: 130 Credit Hours**

*See Core Curriculum for required courses in Area A1 through Area E.*

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
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</tr>
<tr>
<td>Additional Requirements</td>
<td>4</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>18</td>
</tr>
<tr>
<td>CENG 1133 Engineering Graphics for Civil and Construction Engineers</td>
<td></td>
</tr>
<tr>
<td>or ENGR 1133 Engineering Graphics</td>
<td></td>
</tr>
<tr>
<td>CENG 1731 Civil Engineering Computations</td>
<td></td>
</tr>
<tr>
<td>CHEM 1310 Comprehensive General Chemistry</td>
<td></td>
</tr>
<tr>
<td>MATH 2242 Calculus II</td>
<td></td>
</tr>
<tr>
<td>STAT 1401 Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td>Carryover from Area A2</td>
<td></td>
</tr>
<tr>
<td><strong>Specific Requirements</strong></td>
<td>7</td>
</tr>
<tr>
<td>Carryover from Area D</td>
<td></td>
</tr>
<tr>
<td>ENGR 2231 Engineering Mechanics I</td>
<td></td>
</tr>
<tr>
<td>ENGR 3233 Mechanics of Materials</td>
<td></td>
</tr>
<tr>
<td><strong>Major Requirements</strong></td>
<td>50</td>
</tr>
<tr>
<td>CENG 2131 Civil Engineering Fluid Mechanics</td>
<td></td>
</tr>
<tr>
<td>CENG 2231 Surveying</td>
<td></td>
</tr>
<tr>
<td>or TCM 2233 Construction Surveying</td>
<td></td>
</tr>
<tr>
<td>CENG 3131 Introduction to Environmental Engineering</td>
<td></td>
</tr>
<tr>
<td>CENG 3135 Construction Cost Control and Finance</td>
<td>Construction Finance</td>
</tr>
<tr>
<td>or TCM 3331 Construction Finance</td>
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<tr>
<td>CENG 3232 Soil Mechanics</td>
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<td>CENG 3233 Civil Engineering Materials</td>
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<tr>
<td>CENG 4135 Highway Design</td>
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<td>CENG 4331 Structural Steel Design</td>
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<td>CENG 4518 Introduction to Senior Project</td>
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<td>CENG 4539 Senior Project</td>
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<tr>
<td>TCM 2430 Construction Safety</td>
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</tr>
<tr>
<td>TCM 5433 Proj Planning/Scheduling</td>
<td></td>
</tr>
<tr>
<td><strong>Construction Electives</strong></td>
<td>6</td>
</tr>
<tr>
<td>Select 6 credit hours from the below listing of Construction Electives:</td>
<td></td>
</tr>
<tr>
<td>CENG 4133 Transportation Systems</td>
<td></td>
</tr>
<tr>
<td>CENG 4730 Experiential Learning in Civil and Construction Engineering - COOP</td>
<td></td>
</tr>
<tr>
<td>CENG 4890 Special Problems in Civil Engineering</td>
<td></td>
</tr>
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<td>CENG 5090 Selected Topics in Civil Engineering</td>
<td></td>
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<tr>
<td>CENG 5133 Water Supply and Wastewater Collection Systems</td>
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<tr>
<td>CENG 5136 Watershed Management</td>
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<tr>
<td>CENG 5137 Engineering Hydrology and Hydraulics</td>
<td></td>
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<tr>
<td>CENG 5138 Water and Sanitation for International Development</td>
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<td>CENG 5139 Advanced Water and Wastewater Treatment</td>
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<td>CENG 5232 Foundation Design</td>
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<td>CENG 5333 Advanced Reinforced Concrete Design</td>
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<td>CENG 5334 Advanced Structural Steel Design</td>
<td></td>
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<tr>
<td>CENG 5335 Structural Dynamics</td>
<td></td>
</tr>
<tr>
<td>CENG 5336 Introduction to Finite Elements</td>
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<tr>
<td>CENG 5337 Advanced Strength</td>
<td></td>
</tr>
</tbody>
</table>
Department of Computer Science

The department’s offerings include theoretical-based computer science courses as well as a solid foundation in algorithm design and implementation. Major “core” courses in computer science reflect a broad emphasis and a great variety of electives to prepare graduates for one of the fastest growing careers in the world. Faculty specializations in the Georgia Southern Computer Science department include augmented/virtual reality; broadband networking; cybersecurity; data and software systems design; database and knowledge systems; mobile computing; optical networking; parallel and distributed computing; and software engineering.

Program Educational Objective (3-5 years after graduation)

- have a diverse group of graduates take on successful leadership roles in Computer Science related fields;
- have graduates remain current in their field through the pursuit of lifelong learning;
- have graduates work effectively with others to make positive contributions to their employers and to society.

Outcomes

Upon graduation, students with a BS majoring in Computer Science will have:

- an ability to apply knowledge of computing and mathematics appropriate to the discipline;
- an ability to analyze a problem, and identify and define the computing requirements appropriate to its solution;
- an ability to design, implement and evaluate a computer-based system, process, component, or program to meet desired needs;
- an ability to function effectively on teams to accomplish a common goal;
- an understanding of professional, ethical, legal, security, and social issues and responsibilities;
- an ability to communicate effectively with a range of audiences;
- an ability to analyze the local and global impact of computing on individuals, organizations, and society;
- recognition of the need for, and an ability to engage in, continuing professional development;
- an ability to use current techniques, skills, and tools necessary for computing practices;
- an ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the trade-offs involved in design choices;
- an ability to apply design and development principles in the construction of software systems of varying complexity.


Programs

Majors

- Computer Science B.S. (p. 176)

Minors

- Computer Science Minor (p. 177)
# Computer Science B.S.

## Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A-E)</th>
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</thead>
<tbody>
<tr>
<td>42</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Requirements</th>
<th>4</th>
</tr>
</thead>
</table>

### Area F - Courses Appropriate to Major

- **CSCI 1301** Programming Principles I - 4
- **CSCI 1302** Programming Principles II - 3
- **CSCI 2120** Computers, Ethics and Society - 2
- **MATH 2130** Discrete Mathematics - 3
- **MATH 2160** Linear Algebra - 3
- **MATH 2242** Calculus II - 1

### Specific Requirements

- **Foreign Language - 2001 or higher OR International Content Course** - 3

Select one of the following Second Lab Science sequence courses: (first course in sequence assumed taken in Area D)

- **Biol 1108** Principles of Biology II and Principles of Biology Laboratory II - 4
- **Chem 1212K** Principles of Chemistry II
- **Geol 1122** General Historical Geology
- **Phys 1112K** Introductory Physics II
- **Phys 2212K** Principles of Physics II

### Major Requirements

- **CSCI 3230** Data Structures - 4
- **CSCI 3232 & CSCI 3341 (or CSCI 2490)** Systems Software and Intro To Operating Systems and C++ Programming - 6
- **CSCI 3236** Theoretical Foundations
- **CSCI 3432** Database Systems
- **CSCI 5330** Algorithm Design and Analysis
- **CSCI 5331** Computer Architecture
- **CSCI 5332** Data Communications and Networking
- **CSCI 5335** Object-Oriented Design
- **CSCI 5431** Computer Security
- **CSCI 5436** Distributed Web Systems Design
- **CSCI 5530** Software Engineering

Select three of the following elective courses: - 9

### Electives

#### Carryover from Area A2 and Area F

Select 6-9 credit hours of Electives - 6-9

Total Credit Hours - 124

1. While Calculus II (MATH 2242) is 4 credit hours, only 3 credit hours will count toward fulfilling Area F. The remaining credit hour will be applied toward Electives.
2. Students enrolled at the Armstrong Campus are required to take CSCI 2490 (3) and CSCI 3341 (3).

### Certificates

Students can earn certificates in one or more of the following areas by completing the course requirements shown below:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Broadband and Mobile Systems Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Select three of the following:</td>
</tr>
<tr>
<td></td>
<td>CSCI 4537 Broadband Networks</td>
</tr>
<tr>
<td></td>
<td>CSCI 4539 Optical Networks</td>
</tr>
<tr>
<td></td>
<td>CSCI 5090 Selected Topics in Computer Science (Requires approval by the CS Chair)</td>
</tr>
<tr>
<td></td>
<td>CSCI 5532 Network Management Systems</td>
</tr>
<tr>
<td></td>
<td>CSCI 5538 Wireless and Mobile Systems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Network and Computer Security Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>(Complete any three courses)</td>
</tr>
<tr>
<td></td>
<td>CSCI 4534 Software Testing and Quality Assurance</td>
</tr>
<tr>
<td></td>
<td>CSCI 5090 Selected Topics in Computer Science (Requires approval by CS Chair)</td>
</tr>
<tr>
<td></td>
<td>CSCI 5531 Systems and Software Assurance</td>
</tr>
<tr>
<td></td>
<td>CSCI 5532 Network Management Systems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Game Programming Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>CSCI 4439 Game Programming</td>
</tr>
</tbody>
</table>

Select two of the following: - 6

- **CSCI 4235** Human Computer Interaction
- **CSCI 5090** Selected Topics in Computer Science (Requires approval by CS Chair)
- **CSCI 5437** Computer Graphics
- **CSCI 5438** Animation

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Software Engineering Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>(Complete any three courses)</td>
</tr>
<tr>
<td></td>
<td>CSCI 4235 Human Computer Interaction</td>
</tr>
<tr>
<td></td>
<td>CSCI 4534 Software Testing and Quality Assurance</td>
</tr>
<tr>
<td></td>
<td>CSCI 5090 Selected Topics in Computer Science (Requires approval of the CS Chair)</td>
</tr>
<tr>
<td></td>
<td>CSCI 5436 Distributed Web Systems Design</td>
</tr>
<tr>
<td></td>
<td>CSCI 5531 Systems and Software Assurance</td>
</tr>
</tbody>
</table>

In addition to completing the course requirements for a certificate, in order to receive a certificate, it is necessary to complete the B.S. in Computer Sciences degree program.
Other Program Requirements

A minimum grade of "C" is required for each CSCI course taken in the major. This applies to all courses (lower and upper division).

Accelerated Bachelors to Masters (ABM)

Degree Requirements: 30 Credit Hours

Admission Requirements

Regular Admission

For regular admission to the Accelerated Bachelor’s to Master’s of Science in Computer Science (ABM-MSCS) degree program, the applicant must have:

1. Enrollment as a current Georgia Southern undergraduate student majoring in Computer Science.
2. Between 75 and 95 (inclusive) credit hours completed in the undergraduate program; including the courses MATH 1441, MATH 2130, MATH 2242, CSCI 1301, CSCI 1302, CSCI 3230 and CSCI 3236, each with a grade of C or better.
3. A 3.0 (4.0 scale) cumulative GPA or higher in undergraduate coursework.
4. A 3.0 (4.0 scale) GPA in computer science undergraduate coursework.

Provisional Admission

A student may be granted provisional admission based upon the recommendation of the Master of Science in Computer Science Graduate Coordinator or department chair.

Program of Study

Students admitted into the ABM program will register for the graduate section of Algorithm Design and Analysis (CSCI 5330G) instead of the undergraduate section (CSCI 5330). CSCI 5330G will count in the place of CSCI 7432, Algorithm Analysis and Data Structures, reducing the number of graduate hours needed for graduation from 30 to 27.

Advisement

Statesboro: CoEC Student Services Center, IT Building 1208, PO Box 7996, 912-478-4877

Armstrong: Student Success Center 128, 912-344-2590

Computer Science Minor

Contact

Allen E. Paulson College of Engineering and Computing
Department of Computer Sciences
Dr. Hong Zhang, interim chair
Georgia Southern University
P.O. Box 7997
Statesboro, GA 30460
(912) 478-5898
hzhang (hzhang@georgiasouthern.edu)@georgiasouthern.edu

Minor Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 1301</td>
<td>Programming Principles I</td>
</tr>
<tr>
<td>CSCI 1302</td>
<td>Programming Principles II</td>
</tr>
<tr>
<td>CSCI 3230</td>
<td>Data Structures</td>
</tr>
</tbody>
</table>

Department of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering offers students a hands-on, laboratory-oriented Bachelor of Science educational experience both in Electrical Engineering and in Computer Engineering. The Electrical Engineering and Computer Engineering curricula are theoretical, yet hands-on and career oriented. Students gain expertise and practical knowledge in all areas of Electrical Engineering (EE) or Computer Engineering (CpE). The Electrical and Computer Engineering department has several distinct areas of focus including: Communication Systems, Fiber Optics, Electromagnetics, Antennas, Control Systems, Network Security, Sensors, Power Systems, Smart Grids, Microelectronics, Digital Systems, Embedded Systems, Robotics and Computer Systems. The EE program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. The CpE program will be eligible to apply for EAC of ABET accreditation upon the graduation of the first cohort of students.

Programs

Majors

- Computer Engineering B.S.Cp.E. (p. 177)
- Electrical Engineering B.S.E.E. (p. 178)

Minors

No results were found.

Computer Engineering B.S.Cp.E.

Degree Requirements: 130 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 3341</td>
<td>Intro To Operating Systems</td>
</tr>
<tr>
<td>or CSCI 2490</td>
<td>and C++ Programming</td>
</tr>
<tr>
<td>CSCI 3232</td>
<td>Systems Software</td>
</tr>
<tr>
<td>Select one of the following upper division courses:</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 5335</td>
<td>Object-Oriented Design</td>
</tr>
<tr>
<td>CSCI 3432</td>
<td>Database Systems</td>
</tr>
</tbody>
</table>

Total Credit Hours: 16-19

1. Students enrolled at the Armstrong Campus are required to take CSCI 2490 and CSCI 3341.
Electrical Engineering B.S.E.E.

Degree Requirements: 130 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>General Requirements (Core Areas A-E)</td>
</tr>
<tr>
<td>4</td>
<td>Additional Requirements</td>
</tr>
<tr>
<td>18</td>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>1</td>
<td>Carryover from Area A2</td>
</tr>
<tr>
<td>1</td>
<td>Carryover from Area D</td>
</tr>
<tr>
<td>18</td>
<td>Major Requirements</td>
</tr>
<tr>
<td>6</td>
<td>Specific Requirements</td>
</tr>
<tr>
<td>130</td>
<td>Total Credit Hours</td>
</tr>
</tbody>
</table>

Electrical Engineering courses:

- EENG 4890 Directed Study in Electrical and Computer Engineering
- EENG 5090 Selected Topics in Electrical and Computer Engineering
- EENG 5330 Network Science
- EENG 5341 Robotic Systems Design with Lab
- EENG 5538 Cybersecurity for Networked Electrical and Electronics Systems
- EENG 5891 Special Problems in Electrical and Computer Engineering
- MATH 3230 Ordinary Differential Equations
- WRIT 2130 Technical Communication
- ENGR 2323 Digital Design Lab
- ENGR 2332 Logic Circuit Design
- ENGR 2341 Introduction to Signal Processing with Lab
- MATH 3230 Ordinary Differential Equations

General Requirements (Core Areas A-E)

- CHEM 1310 Comprehensive General Chemistry
- ENGR 1731 Computing for Engineers
- ENGR 1732 Program Design for Engineers
- MATH 2243 Calculus III
- PHYS 2212K Principles of Physics II

Other Program Requirements

- At least 33 credit hours of approved upper division Engineering credits must be earned at Georgia Southern.
- A grade of “C” or better is required on all ENGR, CSCI, and EENG courses and their corresponding co-requisites and pre-requisites.

Honors in Computer Engineering

To graduate with Honors in Computer Engineering a student should:

- Be admitted to the University Honors Program
- Complete a capstone project in EENG 4620 or EENG 4621.
- Maintain a 3.3 institutional grade point average, including a 3.5 minimum GPA in all major courses applied towards graduation

Advisement

CoEC Office of Student Services, IT Building 1208, PO Box 7996, Statesboro GA 30460, (912) 478-4877
Graduate Coordinator or department chair.

A student may be granted provisional admission based upon the recommendation of the Master of Science in Electrical Engineering.

For regular admission to the Accelerated Bachelor’s to Master’s of Science in Electrical Engineering degree must be taken at or above the 6000 level.

A student may use up to 9 credit hours of graduate-level courses offered within a single degree program in meeting the requirements of both a bachelor’s degree and a master’s degree.

An undergraduate student enrolled in graduate classes is limited to 6 credit hours of graduate coursework per semester.

Accelerated Bachelor’s to Master’s (ABM) Degree in Electrical Engineering: Admission Requirements

Regular

For regular admission to the Accelerated Bachelor’s to the Master’s of Science in Electrical Engineering (ABM-MSEE) degree program, the applicant must have:

1. Current GS undergraduate student majoring in Electrical Engineering (EE).

2. Completed at least 25 credit hours of undergraduate coursework in EE discipline including MATH 1441, MATH 2242, PHYS 2211K, PHYS 2212K, ENGR 1731, ENGR 1732, and ENGR 2332.

3. A 3.0 (4.0 scale) cumulative grade point average or higher on courses in undergraduate work.

4. Students must maintain an Institutional (Georgia Southern) GPA of 2.75 or higher.

Provisional

A student may be granted provisional admission based upon the recommendation of the Master of Science in Electrical Engineering Graduate Coordinator or department chair.

ABM Degree Requirements: (Thesis and Non-Thesis)

- A minimum of 50% of courses for the Master of Science in Electrical Engineering degree must be taken at or above the 6000 level.
- A student may use up to 9 credit hours of graduate-level courses offered within a single degree program in meeting the requirements of both a bachelor’s degree and a master’s degree.
- An undergraduate student enrolled in graduate classes is limited to 6 credit hours of graduate coursework per semester.

Advisement

Statesboro: CoEC Student Services Center, IT Building 1208, PO Box 7996, 912-478-4877

Department of Information Technology

Information Technology

The department promotes Information Technology as a profession and as an academic discipline. In pursuit of the program mission, world-class educational programs prepare students for a range of careers or graduate study. IT professionals focus on meeting the needs of users within an organizational and societal context through the selection, creation, application, integration and administration of computing technologies. They must, therefore, have a good understanding of the various information technologies and the type of activity in which the organization is involved. Our students are required to complete a series of major core courses, an internship experience, and an IT specialization area. Students and faculty also conduct innovative research in all aspects of IT and its applications and participate in consulting and economic development activities that support the mission of Georgia Southern University.

Outcomes

Upon graduation, students with a BS in Information Technology will be able to:

- identify and define the requirements that must be satisfied to address user needs;
- analyze user requirements to design IT-based solutions;
- identify and evaluate current technologies and assess their applicability to address individual and organizational needs;
- work in project teams to develop and/or implement IT-based solutions;
- use current computing techniques, skills, and/or technologies.

The IT program is accredited by the Computing Accreditation Commission of ABET, http://www.abet.org.

Bachelor of Information Technology Online (BIT Online)

The BIT Online program has two primary purposes. The first purpose is to produce IT graduates with the knowledge, skills and abilities to meet the needs of Georgia employers. The second purpose is to provide access to an IT education for Georgia citizens whose lifestyles make it difficult to attend face-to-face classes on campus. People who are currently working in IT, have family commitments, travel frequently, serve in the military, or simply prefer online learning have the opportunity to earn a degree from Georgia Southern.
Outcomes
Upon graduation, students with a Bachelor of IT Online will be able to accomplish the same tasks as the traditional BS in Information Technology. These outcomes are in keeping with emerging program and curricular standards for IT education.

Programs

Majors
• Information Technology B.I.T (Online) (p. 181)
• Information Technology B.S.I.T (Concentration in Data Science) (p. 181)
• Information Technology B.S.I.T. (p. 180)

Minors
• Cyber Security Minor (p. 182)
• Information Technology Minor (p. 182)

Information Technology B.S.I.T.

Degree Requirements: 124 Credit Hours
See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A-E)</th>
<th>Specific Requirements</th>
<th>Additional Requirements</th>
<th>Area F - Courses Appropriate to Major</th>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td></td>
<td>MATH 1111 College Algebra (Recommended Area A2)</td>
<td>COMM 1110 Public Speaking (Recommended Area C)</td>
<td>STAT 1401 Elementary Statistics (Recommended Area D2)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>IT 1130 Introduction to Information Technology</td>
<td>IT 1330 Programming for Information Technology</td>
<td>or IT 1430 Web Page Development</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 1232 or MATH 1441 Calculus I</td>
<td>WRIT 2130 Technical Communication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>IT 2333 IT Infrastructure</td>
<td>or CSCI 1301 Programming Principles I (and)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IT 4130 IT Issues and Management</td>
<td>CSCI 1302 Programming Principles II</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IT 4790 Internship in Information Technology</td>
<td>Major Requirements</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>IT 2530 Operating Systems</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>IT 2531 Introduction to Cyber Security</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>IT 3233 Database Design and Implementation</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>IT 3234 Systems Acquisition, Design, and Implementation</td>
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<td></td>
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<td></td>
<td>IT 3133 E-Commerce</td>
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<td></td>
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<td></td>
<td>IT 4530 Senior Capstone Project</td>
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<td></td>
<td></td>
<td></td>
<td>IT 3231 Data Communications</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>MATH 1232 Survey of Calculus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36</td>
<td></td>
<td></td>
<td>IT 2430 Data Programming I (and)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>IT 2431 Data Programming II</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>CSCI 1301 Programming Principles I (and)</td>
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<td></td>
<td></td>
<td></td>
<td>CSCI 1302 Programming Principles II</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Major Requirements</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>IT 2530 Operating Systems</td>
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<td></td>
<td></td>
<td></td>
<td>IT 2531 Introduction to Cyber Security</td>
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<td></td>
<td></td>
<td></td>
<td>IT 3233 Database Design and Implementation</td>
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<td></td>
<td></td>
<td></td>
<td>IT 3234 Systems Acquisition, Design, and Implementation</td>
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<td></td>
<td>IT 3133 E-Commerce</td>
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<td></td>
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<td></td>
<td>IT 4530 Senior Capstone Project</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>IT 3231 Data Communications</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MATH 1232 Survey of Calculus</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specialization Area
Select 9 credit hours from one of the following Specialization Areas or 9 credit hours of upper division IT courses:

Web and Mobile:
- IT 3132 Web Programming
- IT 5235 Advanced Web Interfaces
  or IT 5233 Web and Mobile Security Fundamentals
- IT 5236 Distributed and Mobile Systems

Information Management
- IT 4136 Knowledge Discovery and Data Mining
- IT 5135 Data Analytics
- CISM 4237 Business Intelligence

Network and Data Center:
- IT 4234 Datacenter Management
- IT 4335 Network Architecture
- IT 5434 Network Security Fundamentals

Cyber Security:
- IT 3530 Fundamentals of Information Systems Security
- IT 4336 Network Security
- IT 4337 Ethical Hacking

Electives
Elective Hours (a minimum of 9 credit hours must be upper division)

Total Credit Hours 124

1 IT majors must complete one of the following programming course sequences: (IT 2430 and IT 2431) or (CSCI 1301 and CSCI 1302). The appropriate sequence depends on the student's Specialization Area. Students should consult with their advisor prior to enrolling in these courses.

Other Program Requirements
A minimum grade of “C” is required in all Major Requirements.

Accelerated Bachelors to Masters (ABM) Degree Requirements: 30 Credit Hours

In accordance with SACSCOC requirements, students admitted to the MSIT-ABM may use up to 4 credit hours of graduate-level courses offered in the MSIT curriculum in meeting the requirements of both the BSIT and MSIT degree programs. SACSCOC requires 150 unique credit hours between the two programs. Because there are 154 combined credit hours between the BSIT and MSIT, MSIT-ABM students may share a maximum of 4 credit hours of graduate level courses (5000G) in satisfying the requirements of both degree programs.

Admission Requirements
Regular
For regular admission to the Accelerated Bachelor’s to Master’s of Science in Information Technology (ABM-MSIT) degree program, the applicant must have:

1. Enrollment as a current Georgia Southern undergraduate student majoring in Information Technology.
2. Completed at least 45 credit hours completed in the undergraduate program; including the courses MATH 1111, COMM 1110, STAT 1401, IT 1130, and IT 2333, each with a grade of C or better.
3. A 3.0 (4.0 scale) cumulative GPA or higher in undergraduate coursework.

ABM programs do not allow provisional admission. ABM programs are designed for students who have demonstrated a high level of undergraduate academic performance that validates their ability to be successful graduate students. Students who do not meet the minimum requirements for regular admission may be granted admission to the program upon approval of an admissions committee consisting of at least the Department Chair and the Graduate Program director.

**ABM Degree Requirements: 30 Credit Hours (Thesis & Non-Thesis)**

1. A student in the ABM program will be allowed to use up to 4 credits MENG 6000G level courses offered within the Information Technology program in meeting the requirements of both a bachelor’s degree and a master’s degree.
2. Maintain a cumulative graduate GPA of 3.0 (grade of “B” or better) in their graduate degree course work (including the 4 credits of graduate course work shared with the undergraduate degree).
3. Meet all requirements for both the BSIT and MSIT degrees.
4. An undergraduate student enrolled in graduate classes is limited to 6 credit hours of graduate coursework per semester.
5. A minimum of 50% of courses for the Master of Science in Information Technology degree must be taken at or above the 6000 level.

**Other Program Requirements**

A minimum grade of “C” is required in all Major Requirements.

**Advisement**

Statesboro: Student Services Center, IT Building 1208, PO Box 7996, 912-478-4877

Armstrong: Student Success Center 128, 912-344-2590

**Information Technology B.S.I.T (Concentration in Data Science)**

**Degree Requirements: 124 Credit Hours**

See Core Curriculum for required courses in Area A1 through Area E.

| Credit Hours | IT 2333 | IT Infrastructure | 3 |
| IT 2530 | Operating Systems | 3 |
| IT 2531 | Introduction to Cyber Security | 3 |
| IT 3230 | Data Visualization | 3 |
| IT 3133 | E-Commerce | 3 |
| IT 3231 | Data Communications | 3 |
| IT 3233 | Database Design and Implementation | 3 |
| IT 3234 | Systems Acquisition, Design, and Implementation | 3 |
| IT 3432 | Advanced Analytics Programming | 3 |
| IT 4130 | IT Issues and Management | 3 |
| IT 4136 | Knowledge Discovery and Data Mining | 3 |
| IT 4790 | Internship in Information Technology | 3 |
| IT 5135 | Data Analytics | 3 |
| IT 4137 | Data Science and Big Data Analytics | 3 |
| CISM 4237 | Business Intelligence | 3 |
| CISM 4239 | Advanced Business Analytics with SAP HANA | 3 |
| MATH 2130 | Discrete Mathematics | 3 |
| STAT 2232 | Introduction to Statistics II | 3 |
| Electives | 5 |
| Total Credit Hours | 124 |

**Elective hours cannot be IT, CSCI, nor CISM courses.**

**Degree Requirements: 124 Credit Hours**

See Core Curriculum for required courses in Area A1 through Area E.

| Credit Hours | ITW 1130 | Introduction to Information Technology | 3 |
| ITW 1330 | Programming for Information Technology | 3 |
| ITW 2430 | Data Programming I | 3 |
| ITW 2431 | Data Programming II | 3 |
| STAT 1401 | Elementary Statistics | 3 |
| WRIT 2130 | Technical Communication | 3 |
| Major Requirements | 3 |

**General Requirements (Core Areas A-E)**

| Courses taught outside of the program may have equivalent course in eCore. |
| Area A2 - Must take MATH 1441 | 42 |
| Area C - Must take COMM 1110 | 4 |
| Area F - Courses Appropriate to Major | 18 |
| ITW 1130 | Introduction to Information Technology | 3 |
| ITW 1330 | Programming for Information Technology | 3 |
| ITW 2430 | Data Programming I | 3 |
| ITW 2431 | Data Programming II | 3 |
| Area F - Courses Appropriate to Major | 4 |
| MATH 1401 | Intro to Statistics | 3 |
| COMM 1100 | Human Communication | 3 |
| Central Area F requirements: | 18 |
| MATH 1401 | Intro to Statistics | 3 |
| STAT 1401 | Elementary Statistics | 3 |
| WRIT 2130 | Technical Communication | 3 |
| Electives | 4 |
| Total Credit Hours | 124 |

**Advisement**

Statesboro: Student Services Center, IT Building 1208, PO Box 7996, 912-478-4877

Armstrong: Student Success Center 128, 912-344-2590
Major Requirements

- ITW 2140 Discrete Mathematics for Information Technology
- ITW 2333 IT Infrastructure
- ITW 2530 Operating Systems
- ITW 2531 Introduction to Cyber Security
- ITW 3133 E-Commerce
- ITW 3231 Data Communications
- ITW 3233 Database Design and Implementation
- ITW 3234 Systems Acquisition, Design, and Implementation
- ITW 4530 Senior Capstone Project
- ITW 4130 IT Issues and Management
- ITW 4790 Internship in Information Technology
- MATH 1232 Survey of Calculus
  or MATH 1441 Calculus I

Concentrations 12

Select 12 credit hours from one of the following Concentration Areas:

**Data Science**
- ITW 3230 Data Visualization
- ITW 3432 Analytics Programming
- ITW 4135 Data Analytics
- ITW 4136 Knowledge Discovery and Data Mining

**CyberSecurity**
- ITW 3530 Fundamentals of Information Systems Security
- ITW 3531 Digital and Computer Forensics
- ITW 4336 Network Security
- ITW 4337 Ethical Hacking

Elective Hours (a minimum of 6 credit hours must be upper division) 11-12

Total Credit Hours 124

Other Program Requirements

A minimum grade of “C” is required in all Major Requirements.

Cyber Security Minor

Contact

Dr. Yiming Ji, Chair, Department of Information Technology
IT Building 2120
Statesboro GA 30460
(912) 478-ITIT (4848)

Minor Program

The impact of ubiquitous computing and the internet calls for rapid changes in computer systems and the criminal justice system at all levels. From threats to national security to national security to banking fraud to simple fraudulent schemes for the unassuming, the “cybersphere” has become the place where crime is committed and must, therefore, be detected and handled accordingly.

Elective Hours 11-12

Total Credit Hours 124

Information Technology Minor

Contact

Dr. Yiming Ji, Chair, Department of Information Technology
IT Building Room 2120
(912) 478-ITIT (4848)

Prerequisite

- IT 1130 Introduction to Information Technology 3

Minor Program

Credit Hours

- IT 1430 Web Page Development 3
- IT 2333 IT Infrastructure 3

Select three of the following 9

- CISM 3134 Enterprise Infrastructure and Security
- IT 3132 Web Programming
- IT 4234 Datacenter Management
- IT 4335 Network Architecture
- IT 5090 Selected Topics in Information Technology
- IT 5434 Network Security Fundamentals
  Or any upper division IT course by permission of IT department chair

Total Credit Hours 15

Cyber Security Certificate

Contact

Dr. Yiming Ji, Chair, Department of Information Technology
IT Building 2120, PO Box 8150, Statesboro GA 30460
(912) 478-ITIT (4848)

Certificate Requirements: 18 Credit Hours

Credit Hours

- IT 1130 Introduction to Information Technology 3
- IT 2333 IT Infrastructure 3
- IT 2531 Introduction to Cyber Security 3
- IT 3530 Fundamentals of Information Systems Security 3
- IT 4336 Network Security 3
- IT 4337 Ethical Hacking 3

Total Credit Hours 18
Department of Manufacturing Engineering

The Department of Manufacturing Engineering offers students an applied laboratory-focused education in Manufacturing Engineering. Georgia Southern's B.S. in Manufacturing Engineering program is the first one in Georgia and the only one within a 500-mile radius of Statesboro. The Manufacturing Engineering curriculum is theoretical, yet hands-on and career oriented. Students gain expertise and practical knowledge in Manufacturing Engineering (MfgE) in the major areas of Manufacturing Processes and Materials, Design for Manufacturability, Lean Manufacturing, Quality and Process Control, and Automation and Robotics. Students have the opportunity to individually select a technical track in Lean and Six Sigma Green Belt, Manufacturing Automation, Materials Processing, SAP, or Occupational Health and Safety.

Students have a wide range of co-op and internship opportunities that provide real-world, practical, and hands-on industrial experience. Faculty members mentor students in research projects, providing personalized opportunities for professional development. Areas of research include Materials Processing, Composites, Nano-materials, Productivity and Quality, Additive Manufacturing, Automation and Robotics, and Sustainability in Manufacturing.

Programs

Majors
• Manufacturing Engineering B.S.Mfg.E. (p. 183)

Minors
No results were found.

Manufacturing Engineering B.S.Mfg.E.

Degree Requirements: 130 Credit Hours
See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A-E) 1</th>
<th>Additional Requirements</th>
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<tbody>
<tr>
<td>42</td>
<td>CHEM 1310 Comprehensive General Chemistry</td>
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<tr>
<td>4</td>
<td>MENG 2139 Numerical Methods in Engineering</td>
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<tr>
<td></td>
<td>MFGE 2142 Fundamentals of Engineering Mechanics</td>
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<td></td>
<td>MFGE 2534 Applied Computing in Manufacturing Engineering</td>
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<td>PHYS 2212K Principles of Physics II</td>
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Specific Requirements

<table>
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<tr>
<th>11</th>
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<tr>
<td></td>
<td>Carryover from Area D</td>
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<tr>
<td></td>
<td>ENGR 2131 Electronics and Circuit Analysis</td>
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<td>MFGE 2239 Engineering Modeling and Mathematical Analysis</td>
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<td>STAT 1401 Elementary Statistics</td>
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Major Requirements

<table>
<thead>
<tr>
<th>43</th>
<th>ENGR 1133 Engineering Graphics 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MENG 1310 Manufacturing Processes Lab</td>
</tr>
</tbody>
</table>

| MFGE 2421 | Introduction to Additive Manufacturing Studio |
| MFGE 2531 | Materials Science Studio for Manufacturing Engineering |
| MFGE 2533 | Manufacturing Processing 2 Studio |
| MFGE 3131 | Design for Manufacturability, Assembly, Sustainability |
| MFGE 3132 | Quality and Statistical Process Control for Engineers |
| MFGE 3337 | Hydraulics and Electro-mechanical Systems |
| MFGE 3421 | Industrial Controls and Networking Studio |
| MFGE 3423 | Facilities Design |
| MFGE 3531 | Advanced Materials Processing |
| MFGE 3541 | Energy Science Studio |
| MFGE 4135 | Lean MFG Principals and Engineering Project Management |
| MFGE 4321 | Manufacturing Engineering Capstone I |
| MFGE 4322 | Manufacturing Engineering Capstone II |
| MFGE 4533 | Industrial Robotics and Automation |
| MFGE 4614 | Senior Seminar: Professional Skills and Leadership |

Specialization Area

Select 9 credit hours from the following Specialization Areas

Lean Manufacturing:
| MFGE 5131 | Lean and Six Sigma 1 |
| MFGE 5132 | Lean and Six Sigma 2 |
| TMAE 5134 | Lean World Class Manufacturing |

Manufacturing Automation:
| MFGE 5331 | Advanced Robotics for Manufacturing |
| MFGE 5332 | Manufacturing Floor Control |
| MFGE 5333 | Additive Manufacturing Studio |
| MFGE 5334 | Additive Manufacturing of Lightweight Structures |

Materials Processing:
| MENG 5138 | Composite Materials: Manufacturing, Analysis, and Design |
| MFGE 5531 | Advanced CNC Machining and Programming |
| MFGE 5532 | Introduction to MEMS |
| MFGE 5534 | Packaging |
| MFGE 5535 | NanoManufacturing |
| MFGE 5536 | Characterization of Advanced Manufacturing Materials |
| MFGE 5537 | Design for Environment and Green Manufacturing |

SAP: 4
| CISM 3333 | ERP Systems Using SAP |
| CISM 4237 | Business Intelligence |
| CISM 4333 | Human Resource Information Systems |
| CISM 4335 | Advanced Business Applications Programming (ABAP) for the SAP/ERP System |
| CISM 4336 | ERP and Enterprise Performance |
| CISM 4434 | Enterprise System Configuration |
| CISM 4435 | ERP Web Portal Customization and Collaboration using SAP NetWeaver |
Occupational Health and Safety:
- TSEC 5331 Occupational Safety
- TSEC 5333 Industrial Hygiene and Ergonomics
- TSEC 5334 Hazardous Waste Management
- TSEC 5335 Systems Safety in Manufacturing
- TSEC 5336 Environmental Law

General Manufacturing Engineering:
- MFGE 4091 Manufacturing Engineering Co-Op 5
- MFGE 5238 Facilities Maintenance
- TMAE 5133 Production Planning and Facilities Design

Free Elective 3
Select 3 credit hours of Free Electives

Total Credit Hours 130

1. Calculus II (MATH 2242) and Principles of Physics I (PHYS 2211K) are recommended in Area D.
2. While Calculus I (MATH 1441) is 4 credit hours, only 3 credit hours will count toward fulfilling Area A2. The remaining credit hour will be applied toward Specific Requirements.
3. College credits can be given for high school pre-engineering program Project Lead The Way's (PLTW) Introduction to Engineering Design (ENGR 1133), if the following three conditions are satisfied:
   - student scores 80% or above overall in the course and
   - an approval of the PLTW affiliate director faculty member at Georgia Southern.
   - student scores 70% or above on a Georgia Southern administered competency exam.
4. The SAP Specialization requires additional prerequisite courses. Consult with your academic advisor.
5. Manufacturing Engineering Co-Op (MFGE 4091) (1 credit) may also be used to satisfy elective credit(s) and taken for repeat credit with an established co-op rotation of the same employer with advanced approval of the department chair.

Other Program Requirements
At least 33 semester hours of approved Engineering courses must be taken at Georgia Southern.

Accelerated Bachelor's to Master's (ABM) Degree
The Accelerated Bachelor's to Master's Degree Program is intended for the current undergraduate students in the Department of Manufacturing Engineering at the Georgia Southern University. It will produce a pathway to earn both a Bachelor's and a Master's Degree within five years.

In accordance with SACSCOC requirements, students admitted to the MSAE-ABM may use up to 9 credit hours of graduate-level courses offered in the MSAE curriculum in meeting the requirements of both the BSMfgE and MSAE degree programs. SACSCOC requires 150 unique credit hours between the two programs. Because the MSAE-ABM program contains the required 150 unique hours between BSMfgE and MSAE degree programs, MSAE-ABM students may share a maximum of 9 credit hours of graduate level courses (50000G) in satisfying the requirements of both degree programs.

Admission Requirements
Regular

For regular admission to the Accelerated Bachelor's to Master's of Science in Applied Engineering (ABM-MSAE) degree program, the applicant must:
1. Be enrolled in the undergraduate manufacturing engineering program (BS-MFGE) in the Department of Manufacturing Engineering at the Georgia Southern University.
2. Have completed at least 25 credit hours of undergraduate coursework in MFGE discipline including MFGE 2531, MFGE 2142, MFGE 2533, MFGE 2239, and MFGE 2534.
3. Have a 3.0 or higher Georgia Southern Institutional GPA.

ABM programs do not allow provisional admission. ABM programs are designed for students who have demonstrated a high level of undergraduate academic performance that validates their ability to be a successful graduate student. Students who do not meet the minimum requirements for regular admission may be granted admission to the program upon approval of an admissions committee consisting of at least the Department Chair and the Graduate Program director.

ABM Degree Requirements: 30 Credit Hours (Thesis and Non-Thesis)
1. A student in the ABM program will be allowed to use up to 9 credits MFGE 5000G level courses offered within the Manufacturing Engineering program in meeting the requirements of both a bachelor's degree and a master's degree.
2. Maintain a cumulative graduate GPA of 3.0 (grade of "B" or better) in their graduate degree course work (including the 9 credits of graduate course work shared with the undergraduate degree).
3. Meet all requirements for both the BS-MFGE and M.S.A.E. degrees.
4. An undergraduate student enrolled in graduate classes is limited to 6 credit hours of graduate coursework per semester.
5. A minimum of 50% of courses for the Master of Science in Applied Engineering degree must be taken at or above the 6000 level.

Advisement
Statesboro: Student Services Center, IT Building 1208, PO Box 7996, 912-478-4877

Department of Mechanical Engineering

Faculty members mentor students in research projects, providing personalized opportunities for professional development. Active areas of research include Biofuels Development; Combustion; Engine Design and Testing; Robotics Automation; Tribology; and Sustainable Design.

Programs

Majors
- Mechanical Engineering B.S.M.E. (p. 185)
## Minors
No results were found.

### Mechanical Engineering B.S.M.E.

#### Degree Requirements: 130 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

#### Credit Hours

<table>
<thead>
<tr>
<th>Category</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>General Requirements (Core Areas A-E)</td>
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<td>Additional Requirements</td>
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<td>Area F - Courses Appropriate to Major</td>
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<td>ENGR 1121 Computing Applications in Mechanical Engineering</td>
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<td>ENGR 2131 Electronics and Circuit Analysis</td>
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<tr>
<td>ENGR 3431 Thermodynamics</td>
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<tr>
<td>ENGR 2231 Engineering Mechanics I</td>
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<tr>
<td>ENGR 2232 Dynamics of Rigid Bodies</td>
<td></td>
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<tr>
<td>ENGR 3233 Mechanics of Materials</td>
<td></td>
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<td>ENGR 3235 Fluid Mechanics</td>
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<tr>
<td>Major Requirements</td>
<td>35</td>
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<tr>
<td>ENGR 2112 Solid Modeling and Analysis</td>
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<td>MENG 1310 Manufacturing Processes Lab</td>
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<tr>
<td>MENG 2110 Mechanical Engineering Case Studies</td>
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<tr>
<td>in Design &amp; Analysis</td>
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<td>MENG 2139 Numerical Methods in Engineering</td>
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<td>MENG 3130 Mechanism Design</td>
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<td>MENG 3135 Machine Design</td>
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<td>MENG 3233 Heat Transfer</td>
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<td>MENG 3331 Materials Science</td>
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<td>MENG 3531 Introduction to Mechatronics</td>
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<td>MENG 4210 Energy Science Laboratory</td>
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<td>MENG 4430 Engineering Quality Control and Project Management</td>
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<td>MENG 4612 Mechanical Engineering Senior Seminar</td>
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<td>MENG 5136 Introduction to Finite Element Analysis</td>
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<td>MEEN 5432 Programmable Logic Controllers with Lab</td>
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<td>MENG 5090 Selected Topics in Mechanical Engineering</td>
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<td>MENG 5134 Vehicle Dynamics</td>
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<td>MENG 5135 Vibration and Preventive Maintenance</td>
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<td>MENG 5138 Composite Materials: Manufacturing, Analysis, and Design</td>
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<td>MENG 5139 Renewable Energy</td>
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<td>MENG 5233 Wind Energy</td>
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<td>MENG 5234 Heating, Ventilating, and Air Conditioning</td>
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<td>MENG 5237 Applied Combustion</td>
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<td>MENG 5238 Engine Development and Performance</td>
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<td>MENG 5239 Biofuels Development and Testing</td>
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<td>MENG 5331 Automation and Computer Integrated Manufacturing Systems</td>
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<td>MENG 5333 Robot Dynamics, Design and Analysis</td>
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<td>MENG 5431 Compressible Flow</td>
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<td>MENG 5432 Applied Computational Fluid Dynamics</td>
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<td>MENG 5433 Analysis of Energy Systems</td>
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<td>MENG 5434 Heat Transfer Principles and Applications</td>
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<td>MENG 5536 Mechanical Controls</td>
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<tr>
<td>MENG 5811 Introduction to Mechanical Engineering Research and Projects</td>
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<tr>
<td>MENG 5822 Research Project in Mechanical Engineering</td>
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<tr>
<td>MENG 5891 Special Problems in Mechanical Engineering</td>
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<tr>
<td>MFGE 5333 Additive Manufacturing Studio</td>
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<tr>
<td>TMAE 5139 Renewable Energy</td>
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<tr>
<td>or equivalent with program coordinator’s approval</td>
<td></td>
</tr>
</tbody>
</table>

**Free Elective**

Select 3 credit hours of Free Electives

**Total Credit Hours** 130

---

1 MATH 2242 Calculus II and PHYS 2211 Principles of Physics I are recommended in Area D.
2 While Calculus I (MATH 1441) is 4 credit hours, only 3 credit hours will count toward fulfilling Area A2. The remaining credit hour will be applied toward Specific Requirements.
3 College credits can be given for high school pre-engineering program Project Lead The Way’s (PLTW’s) Introduction to Engineering Design (IED) course as a possible substitution for Engineering Graphics (ENGR 1133), if the following three conditions are satisfied:
   - student scores 80% or above overall in the course and
   - an approval of the PLTW affiliate director faculty member at Georgia Southern.
   - student scores 70% or above on a Georgia Southern administered competency exam.

### Other Program Requirements

- At least 30 credit hours of approved Engineering courses must be taken at Georgia Southern.
- The listed courses are recommended in Area D.
- Proficiency examinations will not be accepted in the substitution for any upper-division or laboratory-based courses.

### Honors In Mechanical Engineering

To graduate with Honors in Mechanical Engineering a student should:

- Be admitted to the University Honors Program
- Complete at least 6 credit hours of honors credit in 2000+ ENGR or MENG courses beyond the honors core requirements
- Complete Introduction to Mechanical Engineering Research and Projects (MENG 5811) and Research Project in Mechanical Engineering (MENG 5822) or an equivalent research course such as MENG 5891 (taking both Introduction to Mechanical Engineering Research and Projects (MENG 5811) and Research Project in...
Mechanical Engineering (MENG 5822) or three credits of MENG 5891 can substitute for one Mechanical Engineering Technical Elective.

- Successfully complete and present an Honors Thesis or Capstone Project.
- Be in good standing in the University Honors Program at the time of graduation.

### Admission Requirements

**Regular**

For regular admission to the Accelerated Bachelor's to Master's Degree of Science in Mechanical Engineering (ABM-MSME) degree program, the applicant must:

1. Be enrolled in the undergraduate mechanical engineering program (B.S.M.E) in the Department of Mechanical Engineering at the Georgia Southern University.
2. Have completed no less than 25 and no more than 50 credits of ENGR and MENG course.
3. Must have 3.0 or better Georgia Southern Institutional GPA.

**Provisional**

A student may be granted provisional admission based upon the recommendation of the Master of Science in Mechanical Engineering Graduate Coordinator or Department Chair.

### Degree Requirements: (Thesis and Non-Thesis)

1. Student in the ABM program will be allowed to use up to 9 credits MENG 5000G level courses offered within the Mechanical Engineering program in meeting the requirements of both a bachelor's degree and a master's degree.
2. The 9 credit hours that will be applied to both the bachelor's and master's degrees include: MENG 5811G, MENG 5822G, and two MENG 5000G level courses approved by each student's research adviser and the Chair of the Mechanical Engineering Department.
3. Maintain a cumulative graduate GPA of 3.0 (grade of “B” or better) in their graduate degree course work (including the 9 credits of graduate course work shared with the undergraduate degree).
4. Meet all requirements for both the B.S.M.E. and M.S.M.E. degrees.

**Advisement**

Statesboro: Student Services Center, IT Building 1208, PO Box 7996, 912-478-4877

Armstrong: Student Success Center 123, 912-344-3209

**REPP - Regents' Engineering Pathway Program**

The Regents' Engineering Pathway (REP) Program provides a seamless pathway for students across Georgia to pursue degrees in a variety of engineering fields. Georgia Southern participates in the REP Program in two ways.

- First, Georgia Southern is a destination for students who have successfully completed approximately the first two years of the engineering curriculum at any other partnering REP Program institutions across the state, including completion of the required courses for their preferred engineering program offered at Georgia Southern's Statesboro and Armstrong campuses. In addition, students must complete all of the REP Program required courses at their initial institution to be eligible for transfer under the REP Program. (Note: most of the partnering institutions do not offer engineering degrees.)
- Secondly, Georgia Southern is an REP Program institution where students may begin their engineering education as entering freshmen with the objective of transferring to one of the four (4) other engineering degree granting institutions in Georgia (Georgia Tech, Kennesaw State University, Mercer University, and the University of Georgia) mainly to pursue an engineering degree not offered at Georgia Southern.

### Accelerated Bachelor's to Master's (ABM) Degree

This 4+1 Accelerated Bachelor's to Master's Degree Program is intended for current undergraduate students in the Department of Mechanical Engineering at the Georgia Southern University. It will produce a path way to potentially earn both a Bachelor's and a Master's Degree within five years.

Students accepted into the accelerated program will be allowed to take up to 9 credits at the 5000G level and within the degree program while in their senior year that will counts toward the MSME. There must be at least 150 unique hours between the two programs. All additional degree requirements for both the B.S. degree and the M.S. degree are required to be met.

### Requirements

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>43</td>
<td>ENGR 1121 Computing Applications in Mechanical Engineering</td>
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<td>ENGR 3431 Thermodynamics</td>
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<td>MENG 2139 Numerical Methods in Engineering</td>
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<td>MENG 3130 Mechanism Design</td>
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<td>MENG 3521 Mechatronics Studio Laboratory</td>
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<td>MENG 4210 Energy Science Laboratory</td>
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<td>MENG 5811 Introduction to Mechanical Engineering Research and Projects (Mechanical Engineering Research)</td>
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<td></td>
<td>MENG 5822 Research Project in Mechanical Engineering (Research Project in Mechanical Engineering)</td>
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<td></td>
<td>MENG 5136 Introduction to Finite Element Analysis</td>
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<tr>
<td></td>
<td>MENG 5536 Mechanical Controls</td>
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</table>

Total Credit Hours: 43

1. Students completing Honors in Mechanical Engineering are strongly encouraged to select honors courses such as ENGR 1121, ENGR 1133, ENGR 1731, ENGR 2112, ENGR 2231, ENGR 3233, ENGR 3431, MATH 1441, Calculus II (MATH 2242), Principles of Physics I (PHYS 2211K), and Principles of Physics II (PHYS 2212K).

2. For students entering the University Honors Program as a freshman and seeking to complete the Departmental Honors in Mechanical Engineering, it is highly recommended that these freshmen complete MATH 1441.
Georgia Southern. This is especially important for students who may choose programs such as Biomolecular, Chemical, or Nuclear Engineering.

REP Program admission requirements for any USG institutions that offer engineering degrees differ by institution and program. Admissions requirements are determined individually by each institution and change frequently. Students enrolled in Georgia Southern's REP Program who wish to transfer to one of the other REP institutions to complete their engineering degree should check with the Associate Dean for Students and the REP Program academic advisor regularly to ensure they are aware of the current admission requirements for their destination institution. A formal recommendation from the Associate Dean for Students is required to transfer to another partner REP Program institution. Enrolment in the REP Program does not guarantee acceptance at another REP partnering institution.

Program Contact Information
Dr. David Williams
Associate Dean for Students and Curriculum
IT Building Room 3400
(912) 478-7483
dwilliams@georgiasouthern.edu

Programs
Majors
No results were found.

Minors
No results were found.

Regents' Engineering Pathway Program
The Regents' Engineering Pathway (REP) Program allows prospective engineering students to take approximately the first two years of the engineering curriculum at a designated "first" institution and, upon successful completion of all required course work, transfer to one of five engineering institutions (Georgia Southern University, Georgia Tech, Kennesaw State University, Mercer University, University of Georgia) in the state to complete the last two years of the engineering degree. Also, non-resident students and Georgia residents who are interested in the engineering programs at other universities may take the same course of study as the REP Program students and then transfer to the school of their choice.

Students may attend Georgia Southern University on either of the Armstrong or Statesboro campuses as a "first" institution for approximately two years of course work and then transfer to one of four "second" institutions in the state that offer engineering degrees (Georgia Tech, Kennesaw State University, Mercer University, University of Georgia). This is most often the case when students intend to major in programs such Biomolecular, Chemical, or Nuclear Engineering which are not available at Georgia Southern. Or, students may attend any of the REP Program partnering "first" institutions in the state and then transfer to Georgia Southern as the "second" institution to complete their engineering degree.

Admission and Completion Requirements for REP Program

Current Georgia Southern students who wish to enter the REP Program

Current Georgia Southern students are defined as those who are currently enrolled at Georgia Southern in another academic major. Transfer students are those who have taken a college or university course after graduating from high school from a college or university other than Georgia Southern. In either case, such a student cannot be considered for freshman admission. To be accepted into the REP Program, current Georgia Southern students and transfer students must complete the following requirements:

1. A minimum of 30 semester hours of college course work with a cumulative grade point average (GPA) of 3.00,
2. Calculus I (MATH 1441) and Calculus II (MATH 2242) with grades of at least "B" (3.00 GPA),
3. Comprehensive General Chemistry (CHEM 1310) or Principles of Chemistry I (CHEM 1211K) and Principles of Physics I (PHYS 2211K) with grades of at least "B" (3.00 GPA).

Transfer Admission from an REP Program Institution to Georgia Southern University

Students who wish to enter Georgia Southern's REP Program must satisfy their first (sending) institution's requirements and the University's REP Program admission requirements. To apply for admission to Georgia Southern University, and request a recommendation from the first institution's REP Program Coordinator.

Transfer Admission from Georgia Southern University to Another REP Program Institution

Georgia Southern students who wish to apply to a second (receiving) institution that offers engineering degrees as a REP Program student must first satisfy the second institution's requirements, apply for admission to the receiving institution, and request a recommendation from the Georgia Southern REP Program Coordinator, Dr. David Williams.

Georgia Southern REP Program Coordinator
Dr. David Williams, Associate Dean
IT Building 3400
PO Box 7995
Statesboro, GA 30460
912-478-7412

Advisement
Statesboro: Student Services Center, IT Building 1208, 912-478-8038
Armstrong: Student Success Center 123, 912-344-3209

Waters College of Health Professions

Vision
The vision of the Waters College of Health Professions is to become the leader in the preparation of health professionals who are engaged in transformational thinking and evidence-based practices that impact the health and quality of life for individuals, families, and communities. We will accomplish this vision through a focus on: high academic expectations, individual responsibility for academic achievement, student-centered teaching and learning, impacting regional and global communities,
interdisciplinary collaboration, innovative healthcare technology, experiential learning, community-engaged service and scholarship.

Mission

The mission of the Waters College of Health Professions is to prepare future health professionals through academic excellence and interdisciplinary collaboration while advancing knowledge through scholarship and serving culturally diverse communities.

College Structure

- Department of Diagnostic and Therapeutic Sciences (p. 189)
- Department of Health Sciences and Kinesiology (p. 197)
- Department of Rehabilitation Sciences (p. 214)
- School of Nursing (p. 216)

Programs

Majors
- Athletic Training B.S.A.T. (p. 198)
- Communication Sciences and Disorders B.S. (p. 215)
- Exercise Science B.S.K. (Emphasis in Allied Health and Graduate School) (p. 200)
- Exercise Science B.S.K. (Emphasis in Fitness and Wellness Management) (p. 201)
- Exercise Science B.S.K. (Emphasis in Inclusive Physical Activity) (p. 202)
- Exercise Science B.S.K. (Emphasis in Sport Performance) (p. 203)
- Exercise Science B.S.K. (Emphasis in Tactical Strength and Conditioning) (p. 204)
- Health Sciences B.H.S. (Concentration in General Health Science) (p. 205)
- Health Sciences B.H.S. (Concentration in Health Informatics) (p. 206)
- Health Sciences B.H.S. (Concentration in Health Services Administration) (p. 207)
- Health Sciences B.H.S. (Concentration in Human Performance/Fitness Management) (p. 208)
- Health Sciences B.H.S. (Emphasis in Gerontology) (p. 209)
- Medical Laboratory Science B.S.M.L.S. (p. 189)
- Medical Laboratory Science B.S.M.L.S. (Online) (p. 190)
- Nursing Accelerated B.S.N. (p. 217)
- Nursing B.S.N. (p. 218)
- Nursing RN-BSN (p. 220)
- Nutrition and Food Science B.S. (Emphasis in Community Nutrition) (p. 209)
- Nutrition and Food Science B.S. (Emphasis in Dietetics) (p. 210)
- Nutrition and Food Science B.S. (Emphasis in Food Science/Food Systems Administration) (p. 211)
- Radiologic Sciences B.S.R.S. (Bridge Program) (p. 191)
- Radiologic Sciences B.S.R.S. (Concentration in Cardiovascular/Interventional Science) (p. 191)
- Radiologic Sciences B.S.R.S. (Concentration in Diagnostic Medical Sonography) (p. 192)
- Radiologic Sciences B.S.R.S. (Concentration in Nuclear Medicine) (p. 192)
- Radiologic Sciences B.S.R.S. (Concentration in Radiation Therapy) (p. 193)
- Radiologic Sciences B.S.R.S. (Concentration in Radiography) (p. 194)
- Radiologic Sciences B.S.R.S. (Special Options Program) (p. 194)
- Rehabilitation Sciences B.S. (p. 215)
- Respiratory Therapy B.S. (p. 195)
- Respiratory Therapy B.S. (Online) (p. 196)
- Sport Management B.S. (p. 212)

Minors
- Exercise Science Minor (p. 204)
- Nutrition and Food Science Minor (p. 212)

Certificates
- Clinical Specialist in Advanced Imaging Certificate (p. 189)
- Gerontology Certificate (p. 205)
- Nuclear Medicine Certificate (p. 190)
- Radiation Therapy Certificate (p. 191)

Advisement

Undergraduate students in the Waters College of Health Professions are advised on their home campus by assigned academic advisors.

Armstrong Campus students are advised in the Office of Academic Advising and Support located in the Student Success Center. Students can contact the office at (912) 344-2570.

Liberty Campus: Students are advised in the Advising Office, room 139. Students can contact the Advising Office at (912) 877-1906.

Statesboro Campus: Students are advised in the WCHP Student Services Center located in the Hollis Building – Room 0101 and Room 2105. Students can contact the Student Services Center at (912) 478-1931.

Contacts

Dean: Dr. A. Barry Joyner
Statesboro Campus:
Room 2123 Hollis Building
P.O. Box 8073; 30460
(912) 478-5322

Armstrong Campus:
Ashmore Hall 131
11935 Abercorn Street
Department #4073
Savannah, Georgia 31419
(912) 344-2565

Associate Dean for Institutional Effectiveness and Curriculum: Dr. Stephen J. Rossi
Statesboro Campus:
Room 2123-B Hollis Building
P.O. Box 8073
Statesboro, Georgia 30460
(912) 478-5322

Associate Dean: Dr. Sandy Streater
Armstrong Campus:
Ashmore Hall 131
11935 Abercorn Street
Department #4073
Savannah, Georgia 31419
(912) 344-2565

http://chp.georgiasouthern.edu/
Department of Diagnostic and Therapeutic Sciences

The Department of Diagnostic and Therapeutic Sciences at Georgia Southern University offers bachelor and degree completion programs in the high tech fields of medical laboratory science (https://chp.georgiasouthern.edu/diagnostic/undergraduate-majors/medical-laboratory-science), radiologic sciences (https://chp.georgiasouthern.edu/diagnostic/undergraduate-majors/radiologic-sciences) and respiratory therapy (https://chp.georgiasouthern.edu/diagnostic/undergraduate-majors/respiratory-therapy). All programs offer options for completing the coursework either fully or substantially online.

Mission Statement

The Department of Diagnostic and Therapeutic Sciences, as part of the Waters College of Health Professions at Georgia Southern University, exists to educate students, and to provide our culturally diverse communities with competent, team-oriented and compassionate healthcare professionals.

Core Values

Core Value 1: The Department of Diagnostic and Therapeutic Sciences faculty is dedicated to providing excellence in health professions education through an interdisciplinary approach.

Core Value 2: The Department of Diagnostic and Therapeutic Sciences faculty participate in a team-oriented approach to learning and instruction for the advancement of integrated healthcare education.

Core Value 3: The Department of Diagnostic and Therapeutic Sciences faculty provide a student-learning environment committed to fostering culturally sensitive and compassionate professional community service.

Programs

Majors

- Medical Laboratory Science B.S.M.L.S. (p. 189)
- Medical Laboratory Science B.S.M.L.S. (Online) (p. 190)
- Radiologic Sciences B.S.R.S. (Bridge Program) (p. 191)
- Radiologic Sciences B.S.R.S. (Concentration in Cardiovascular/Interventional Science) (p. 191)
- Radiologic Sciences B.S.R.S. (Concentration in Diagnostic Medical Sonography) (p. 192)
- Radiologic Sciences B.S.R.S. (Concentration in Nuclear Medicine) (p. 192)
- Radiologic Sciences B.S.R.S. (Concentration in Radiation Therapy) (p. 193)
- Radiologic Sciences B.S.R.S. (Concentration in Radiography) (p. 194)
- Radiologic Sciences B.S.R.S. (Special Options Program) (p. 194)
- Respiratory Therapy B.S. (p. 195)
- Respiratory Therapy B.S. (Online) (p. 196)

Minors

No results were found.

Certificates

- Clinical Specialist in Advanced Imaging Certificate (p. 189)
- Nuclear Medicine Certificate (p. 190)
- Radiation Therapy Certificate (p. 191)

Clinical Specialist in Advanced Imaging Certificate

Contact

Program Coordinator, Department of Diagnostic and Therapeutic Sciences

Certificate Requirements: 18 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>RADS 4175</td>
<td>Advanced Clinical Education</td>
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<td>RADS 4176</td>
<td>Specialized Clinical Education</td>
</tr>
<tr>
<td>RADS 4410</td>
<td>Cross Sectional Anatomy</td>
</tr>
<tr>
<td>RDSC 4100</td>
<td>Advanced Imaging Modalities</td>
</tr>
<tr>
<td></td>
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Medical Laboratory Science B.S.M.L.S.

Degree Requirements: 124 Credit Hours

Program of Study

Traditional Track

<table>
<thead>
<tr>
<th>General Requirements (Core A – E)</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td>42</td>
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<tr>
<td>Additional Requirements</td>
<td>4</td>
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<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>18</td>
</tr>
<tr>
<td>BIOL 1107 Principles of Biology I</td>
<td></td>
</tr>
<tr>
<td>BIOL 1107L Principles of Biology I Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 2400 Fundamentals of Organic Chemistry and Biochemistry</td>
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<tr>
<td>BIOL 2081 Human Anatomy and Physiology I</td>
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<tr>
<td>BIOL 2082 Human Anatomy and Physiology II</td>
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<tr>
<td>Other approved courses (e.g., biology, chemistry, computer science)</td>
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</tr>
<tr>
<td>Major Requirements</td>
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<tr>
<td>MEDT 3100 Urinalysis and Body Fluids</td>
<td></td>
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<tr>
<td>MEDT 3200 Clinical Bacteriology</td>
<td></td>
</tr>
<tr>
<td>MEDT 3300 Clin Hematology &amp; Hemostasis</td>
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</tr>
</tbody>
</table>
### Progression Requirements

Students must earn a C or better in each Medical Laboratory Science course. A student may repeat a single medical laboratory science course only one time (at the next offering, provided space is available). Students who fail to earn a C or better in a repeated medical laboratory science course, or who fail to earn a C in a subsequent medical laboratory science course, will be dismissed from the program with no possibility of readmission.

Students must maintain an overall adjusted grade point average of 2.0 or higher. A student who falls below this will be placed on suspension from the program for one semester. If the student's grade point average is not raised by the end of the next semester, the student will be dismissed from the program. Students must complete the professional course work within three consecutive years from the date of initial admission to the Medical Laboratory Science program.

### Advisement

For questions regarding specific undergraduate requirements, please contact the Waters College of Health Professions Student Success Center.

### Medical Laboratory Science B.S.M.L.S. (Online)

#### Degree Requirements: 124 Credit Hours

#### Program of Study

##### Career Ladder Program

<table>
<thead>
<tr>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>General Requirements (Core A – E)</td>
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<tr>
<td>Additional Requirements</td>
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<tr>
<td>Area F - Courses Appropriate to Major</td>
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<tr>
<td>BIOL 1107 Principles of Biology I</td>
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<td>BIOL 1107L Principles of Biology I Laboratory</td>
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<tr>
<td>CHEM 2400 Fundamentals of Organic Chemistry and Biochemistry</td>
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<tr>
<td>BIOL 2081 Human Anatomy and Physiology I</td>
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<td>BIOL 2082 Human Anatomy and Physiology II</td>
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<tr>
<td>Other approved courses (e.g., biology, chemistry, computer science)</td>
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</tr>
<tr>
<td>Major Requirements</td>
<td>60</td>
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<tr>
<td>MEDT 3110 Urinalysis and Body Fluids</td>
<td></td>
</tr>
<tr>
<td>MEDT 3210 Clinical Bacteriology</td>
<td></td>
</tr>
<tr>
<td>MEDT 3310 Clin. Hematology &amp; Hemostasis</td>
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</tbody>
</table>

#### Related Course Requirements

<table>
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<tbody>
<tr>
<td>BIOL 2010 Principles of Microbiology</td>
<td></td>
</tr>
<tr>
<td>HLPR 2000 Intro Research in Health Prof</td>
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</table>

Up to Six (6) credit hours of transfer MLT courses can be used to satisfy hours within area F and major.

### Nuclear Medicine Certificate

#### Contact

Program Coordinator, Department of Diagnostic and Therapeutic Sciences

#### Certificate Requirements: 29 Credit Hours

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>RADS 3501 Prin &amp; Prac Of Nuclear Med I</td>
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</tr>
<tr>
<td>RADS 3502 Prin &amp; Prac Of Nuclear Med II</td>
<td>3</td>
</tr>
<tr>
<td>RADS 3503 Prin &amp; Prac Of Nuclear Med III</td>
<td>3</td>
</tr>
<tr>
<td>RADS 3520 Radio-Pharmacy &amp; Radiochem</td>
<td>3</td>
</tr>
<tr>
<td>RADS 4540 Nuclear Medicine Physics</td>
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<tr>
<td>RADS 4571 Nuclear Medicine Practicum I</td>
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</tr>
<tr>
<td>RADS 4572 Nuclear Medicine Practicum II</td>
<td>1</td>
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<tr>
<td>RADS 4573 Advances In Nuclear Medicine</td>
<td>4</td>
</tr>
<tr>
<td>RADS 4574 Nuclear Medicine Inquiry</td>
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</tr>
</tbody>
</table>

Total Credit Hours 29
Radiation Therapy Certificate

Contact
Program Coordinator, Department of Diagnostic and Therapeutic Sciences

Certificate Requirements: 29 Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tr>
<td>RTHR 3001</td>
<td>Radiation Therapy I</td>
<td>6</td>
</tr>
<tr>
<td>RTHR 3002</td>
<td>Radiation Therapy II</td>
<td>6</td>
</tr>
<tr>
<td>RTHR 3003</td>
<td>Radiation Therapy III</td>
<td>3</td>
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<td>RADS 3301</td>
<td>Radiation Therapy Clinic Edu I</td>
<td>2</td>
</tr>
<tr>
<td>RADS 3302</td>
<td>Radiation Therapy Clinic Ed II</td>
<td>2</td>
</tr>
<tr>
<td>RADS 4303</td>
<td>Radiation Therapy Clinic Ed III</td>
<td>3</td>
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<tr>
<td>RADS 4304</td>
<td>Radiation Therapy Clinic Ed Iv</td>
<td>3</td>
</tr>
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<td>RADS 4305</td>
<td>Radiation Therapy Clinical Ed</td>
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</tr>
</tbody>
</table>

Total Credit Hours 29

Radiologic Sciences B.S.R.S. (Bridge Program)

Degree Requirements: 130 Credit Hours

Radiologic Sciences offers a degree completion program for radiographers, radiation therapists, and nuclear medicine technologists. If you are certified by the ARRT or NMTCB, then you may qualify to complete a Bachelor of Science in Radiologic Sciences degree through Georgia Southern University. We offer a wide variety of mechanisms for technologists, therapists, and sonographers to advance professionally. Refer to the Department of Diagnostic and Therapeutic Sciences page for detailed information on admissions and standards of progression.

<table>
<thead>
<tr>
<th>Area F - Courses Appropriate to Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2081 Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL 2082 Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>Guided Electives: Select one of the following:</td>
</tr>
<tr>
<td>PHSC 1211 Physical Science</td>
</tr>
<tr>
<td>PHSC 1211L Physical Science Laboratory</td>
</tr>
<tr>
<td>PHYS 1111K Introductory Physics I</td>
</tr>
</tbody>
</table>

Major Requirements 66

Choose one of the following tracks:

Clinical Track
- CSDS 4151 Clinical Writing for the Health Professions
- DDT 4020 Management and Leadership
- DDT 4010 Research Methodologies
- HLPR 2000 Intro Research in Health Prof
- RADS 3100 Medical Communication Skills
- RADS 4175 Advanced Clinical Education
- RADS 4176 Specialized Clinical Education
- RDSC 3002 Radiologic Sciences II
- RDSC 4100 Advanced Imaging Modalities

Non-clinical Track
- CSDS 4050 Intercultural Communication

Total Credit Hours 130

Advisement
Department of Diagnostic and Therapeutic Sciences Dept #4901
Armstrong Campus
Phone: 912-344-2802/912-344-2942
Fax: 912-344-3442

Radiologic Sciences B.S.R.S. (Concentration in Cardiovascular/Interventional Science)

Degree Requirements: 130 Credit Hours

<table>
<thead>
<tr>
<th>Area F - Courses Appropriate to Major</th>
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</thead>
<tbody>
<tr>
<td>BIOL 2081 Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL 2082 Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>DDTS 2001 Intro to Diag and Therap Sci</td>
</tr>
<tr>
<td>DDTS 2001L Intro to Diag &amp; Therap Sci Lab</td>
</tr>
</tbody>
</table>

Select 3 credit hours from the following Guided Electives: 1

- COMM 1110 Public Speaking
- OR a lower-level class (1000 or 2000 level) in MATH, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC, ASTR or GEO

Select one of the following:

- PHSC 1211 Physical Science & 1211L Physical Science Laboratory
- PHYS 1111K Introductory Physics I

Major Requirements 66

- DDT 3001 Patient Care Assessment
- DDT 3001L Patient Care & Assessment Lab
Radiologic Sciences B.S.R.S. (Concentration in Diagnostic Medical Sonography)

Degree Requirements: 130 Hours

Credit Hours
General Requirements (Core Areas A - E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major 18
  BIOL 2081 Human Anatomy and Physiology I
  BIOL 2082 Human Anatomy and Physiology II
  DDDS 2001 Intro to Diag and Therap Sci
  DDDS 2001L Intro to Diag & Therap Sci Lab
Select 3 credit hours from the following Guided Electives:
  COMM 1110 Public Speaking
  OR a lower-level class (1000 or 2000 level) in MATH, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC, ASTR or GEOL
Select one of the following:

PHSC 1211 Physical Science & 1211L and Physical Science Laboratory
PHYS 1111K Introductory Physics I

Major Requirements 66
  DDDS 3001 Patient Care and Assessment
  DDDS 3001L Patient Care & Assessment Lab
  DDDS 4010 Research Methodologies
  DDDS 4020 Management and Leadership
  HLPR 2000 Intro Research in Health Prof
  RDSC 3001 Radiologic Sciences I
  RDSC 3002 Radiologic Sciences II
  RDSC 3060 Principles of Image Formation and Evaluation

Cardiovascular/Interventional Science Track
  CVIS 3001 Cardiovascular Interventional Sciences I
  CVIS 3002 Cardiovascular Interventional Sciences II
  CVIS 3003 Physiologic Monitoring and Recording
  CVIS 3100 Introduction to Cardiovascular Interventional Clinical Education
  CVIS 4101 Cardiovascular Interventional Clinical Education I
  CVIS 4102 Cardiovascular Interventional Clinical Education II
  CVIS 4103 Cardiovascular Interventional Clinical Education III
  CVIS 4200 Cardiova Interv Scie Synthesis

Total Credit Hours 130

1 Nuclear Medicine students who have not completed a Chemistry sequence in the Core must complete one chemistry course with lab as the guided elective.
Radiation Therapy students who have not complete a Pre-Calculus course in the Core must complete a Pre-Calculus course as the guided elective.
Sonography students who have not completed a Speech Communication course in the Core must complete a speech communication course as the guided elective.

Advisement
For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Radiologic Sciences B.S.R.S.
(Concentration in Nuclear Medicine)

Degree Requirements: 130 Credit Hours

Credit Hours
General Requirements (Core Areas A - E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major 18
  BIOL 2081 Human Anatomy and Physiology I
  BIOL 2082 Human Anatomy and Physiology II
  DDDS 2001 Intro to Diag and Therap Sci
  DDDS 2001L Intro to Diag & Therap Sci Lab

Select 3 credit hours from the following Guided Electives:
  OR a lower-level class (1000 or 2000 level) in MATH, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC, ASTR or GEOL

Select one of the following:

PHSC 1211 Physical Science & 1211L and Physical Science Laboratory
PHYS 1111K Introductory Physics I

Major Requirements 66
  DDDS 3001 Patient Care and Assessment
  DDDS 3001L Patient Care & Assessment Lab
  DDDS 4010 Research Methodologies
  DDDS 4020 Management and Leadership
  HLPR 2000 Intro Research in Health Prof
  RDSC 3001 Radiologic Sciences I
  RDSC 3002 Radiologic Sciences II
  RDSC 3060 Principles of Image Formation and Evaluation

Sonography Track
  SONO 3001 Sonographic Principles, Theory, and Physics I
  SONO 3002 Sonographic Principles, Theory, and Physics II
  SONO 3003 Sonographic Principles, Theory, and Physics III
  SONO 3100 Introduction to Sonography Clinical Education
  SONO 4101 Sonography Clinical Education I
  SONO 4102 Sonography Clinical Education II
  SONO 4103 Sonography Clinical Education III
  SONO 4200 Sonography Synthesis

Total Credit Hours 130

1 Nuclear Medicine students who have not completed a Chemistry sequence in the Core must complete one chemistry course with lab as the guided elective.
Radiation Therapy students who have not completed a Pre-Calculus course in the Core must complete a Pre-Calculus course as the guided elective.
Sonography students who have not completed a Speech Communication course in the Core must complete a speech communication course as the guided elective.

Advisement
For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Radiologic Sciences B.S.R.S.
(Concentration in Diagnostic Medical Sonography)

Degree Requirements: 130 Credit Hours

Credit Hours
General Requirements (Core Areas A - E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major 18
  BIOL 2081 Human Anatomy and Physiology I
  BIOL 2082 Human Anatomy and Physiology II
  DDDS 2001 Intro to Diag and Therap Sci
  DDDS 2001L Intro to Diag & Therap Sci Lab
Select 3 credit hours from the following Guided Electives:

COMM 1110 Public Speaking
OR a lower-level class (1000 or 2000 level) in MATH, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC, ASTR or GEOL

Select one of the following:

PHSC 1211 Physical Science & 1211L Physical Science Laboratory
PHYS 1111K Introductory Physics I

Major Requirements 66

DDTS 3001 Patient Care and Assessment
DDTS 3001L Patient Care & Assessment Lab
DDTS 4010 Research Methodologies
DDTS 4020 Management and Leadership
HLPR 2000 Intro Research in Health Prof
RDSC 3001 Radiologic Sciences I
RDSC 3002 Radiologic Sciences II
RDSC 3060 Principles of Image Formation and Evaluation

Nuclear Medicine Track

NUCM 3001 Nuclear Medicine I
NUCM 3002 Nuclear Medicine II
NUCM 3003 Nuclear Medicine III
NUCM 3100 Introduction to Nuclear Medicine Clinical Education
NUCM 4101 Nuclear Medicine Clinical Education I
NUCM 4102 Nuclear Medicine Clinical Education II
NUCM 4103 Nuclear Medicine Clinical Education III
NUCM 4200 Nuclear Medicine Synthesis
RDSC 4100 Advanced Imaging Modalities

Total Credit Hours 130

1 Nuclear Medicine students who have not completed a Chemistry sequence in the Core must complete one chemistry course with lab as the guided elective.

Radiation Therapy students who have not completed a Pre-Calculus course in the Core must complete a Pre-Calculus course as the guided elective.

Sonography students who have not completed a Speech Communication course in the Core must complete a speech communication course as the guided elective.

Other Program Requirements

Exit Examination

Advisement

For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Radiologic Sciences B.S.R.S.
(Concentration in Radiation Therapy)

Degree Requirements: 130 Credit Hours

General Requirements (Core Areas A - E) 42

Additional Requirements 4

Area F - Courses Appropriate to Major 18

BIOL 2081 Human Anatomy and Physiology I
BIOL 2082 Human Anatomy and Physiology II
DDTS 2001 Intro to Diag and Therap Sci
DDTS 2001L Intro to Diag & Therap Sci Lab
Select 3 credit hours from the following Guided Electives: 1

COMM 1110 Public Speaking
OR a lower-level class (1000 or 2000 level) in MATH, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC, ASTR or GEOL

Select one of the following:

PHSC 1211 Physical Science & 1211L Physical Science Laboratory
PHYS 1111K Introductory Physics I

Major Requirements 66

DDTS 3001 Patient Care and Assessment
DDTS 3001L Patient Care & Assessment Lab
DDTS 4010 Research Methodologies
DDTS 4020 Management and Leadership
HLPR 2000 Intro Research in Health Prof
RDSC 3001 Radiologic Sciences I
RDSC 3002 Radiologic Sciences II
RDSC 3060 Principles of Image Formation and Evaluation

Radiation Therapy Track

RTHR 3001 Radiation Therapy I
RTHR 3002 Radiation Therapy II
RTHR 3003 Radiation Therapy III
RTHR 3100 Introduction to Radiation Therapy Clinical Education
RTHR 4101 Radiation Therapy Clinical Education I
RTHR 4102 Radiation Therapy Clinical Education II
RTHR 4103 Radiation Therapy Clinical Education III
RTHR 4200 Radiation Therapy Synthesis
RDSC 4100 Advanced Imaging Modalities

Total Credit Hours 130

1 Nuclear Medicine students who have not completed a Chemistry sequence in the Core must complete one chemistry course with lab as the guided elective.

Radiation Therapy students who have not completed a Pre-Calculus course in the Core must complete a Pre-Calculus course as the guided elective.

Sonography students who have not completed a Speech Communication course in the Core must complete a speech communication course as the guided elective.
Advisement
For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Radiologic Sciences B.S.R.S. (Concentration in Radiography) Degree Requirements: 130 Hours

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
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</thead>
<tbody>
<tr>
<td>Additional Requirements</td>
<td>4</td>
<td></td>
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Area F - Courses Appropriate to Major 18

<table>
<thead>
<tr>
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<th>Title</th>
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<tr>
<td>BIOL 2081</td>
<td>Human Anatomy and Physiology I</td>
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<td>BIOL 2082</td>
<td>Human Anatomy and Physiology II</td>
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<tr>
<td>DDT S 2001</td>
<td>Intro to Diag and Therap Scien</td>
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<tr>
<td>DDT S 2001L</td>
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Select 3 credit hours from the following Guided Electives:

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<tr>
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or a lower-level class (1000 or 2000 level) in MATH, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC, ASTR or GEOL

Select one of the following:

<table>
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<tr>
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<tbody>
<tr>
<td>PHSC 1211</td>
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<td>&amp; 1211L</td>
<td>Physical Science Laboratory</td>
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<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
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Major Requirements 66

<table>
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<th>Course</th>
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<td>DDT S 3001</td>
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<td>Patient Care &amp; Assessment Lab</td>
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<td>DDT S 4010</td>
<td>Research Methodologies</td>
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<tr>
<td>DDT S 4020</td>
<td>Management and Leadership</td>
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<tr>
<td>HLPR 2000</td>
<td>Intro Research in Health Prof</td>
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<tr>
<td>RDSC 3001</td>
<td>Radiologic Sciences I</td>
</tr>
<tr>
<td>RDSC 3002</td>
<td>Radiologic Sciences II</td>
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<tr>
<td>RDSC 3060</td>
<td>Principles of Image Formation and Evaluation</td>
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Radiography Track

<table>
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<tbody>
<tr>
<td>RADR 3001</td>
<td>Radiography I</td>
</tr>
<tr>
<td>RADR 3002</td>
<td>Radiography II</td>
</tr>
<tr>
<td>RADR 3003</td>
<td>Radiography III</td>
</tr>
<tr>
<td>RADR 3100</td>
<td>Introduction to Radiography Clinical Education</td>
</tr>
<tr>
<td>RADR 4101</td>
<td>Radiography Clinical Education I</td>
</tr>
<tr>
<td>RADR 4102</td>
<td>Radiography Clinical Education II</td>
</tr>
<tr>
<td>RADR 4103</td>
<td>Radiography Clinical Education III</td>
</tr>
<tr>
<td>RADR 4200</td>
<td>Radiography Synthesis</td>
</tr>
<tr>
<td>RDSC 4100</td>
<td>Advanced Imaging Modalities</td>
</tr>
</tbody>
</table>

Total Credit Hours 130

Radiologic Sciences B.S.R.S. (Special Options Program) Degree Requirements: 130 Credit Hours

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
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</thead>
<tbody>
<tr>
<td>Additional Requirements</td>
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<td></td>
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Area F - Courses Appropriate to Major 18

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>BIOL 2081</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL 2082</td>
<td>Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>DDT S 2001</td>
<td>Intro to Diag and Therap Scien</td>
</tr>
<tr>
<td>DDT S 2001L</td>
<td>Intro to Diag &amp; Therap Sci Lab</td>
</tr>
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</table>

Guided Electives:

Select three credit hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>COMM 1110</td>
<td>Public Speaking</td>
</tr>
</tbody>
</table>

or a lower-level class (1000 or 2000 level) in MATH, CSCI, ITEC, BIOL, CHEM, PHYS, PHSC, ASTR or GEOL

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PHSC 1211</td>
<td>Physical Science</td>
</tr>
<tr>
<td>&amp; 1211L</td>
<td>Physical Science Laboratory</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
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Major Requirements 66

Choose one of the following areas:

Radiation Therapy

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>DDT S 3001</td>
<td>Patient Care and Assessment</td>
</tr>
<tr>
<td>DDT S 3001L</td>
<td>Patient Care &amp; Assessment Lab</td>
</tr>
<tr>
<td>DDT S 4010</td>
<td>Research Methodologies</td>
</tr>
<tr>
<td>DDT S 4020</td>
<td>Management and Leadership</td>
</tr>
<tr>
<td>HLPR 2000</td>
<td>Intro Research in Health Prof</td>
</tr>
<tr>
<td>RDSC 3001</td>
<td>Radiologic Sciences I</td>
</tr>
<tr>
<td>RDSC 3002</td>
<td>Radiologic Sciences II</td>
</tr>
<tr>
<td>RDSC 3060</td>
<td>Principles of Image Formation and Evaluation</td>
</tr>
<tr>
<td>RDSC 4100</td>
<td>Advanced Imaging Modalities</td>
</tr>
</tbody>
</table>

1 Nuclear Medicine students who have not completed a Chemistry sequence in the Core must complete one chemistry course with lab as the guided elective.

Radiation Therapy students who have not completed a Pre-Calculus course in the Core must complete a Pre-Calculus course as the guided elective.

Sonography students who have not completed a Speech Communication course in the Core must complete a speech communication course as the guided elective.
RTHR 3001  Radiation Therapy I
RTHR 3002  Radiation Therapy II
RTHR 3003  Radiation Therapy III
RTHR 4101  Radiation Therapy Clinical Education I
RTHR 4102  Radiation Therapy Clinical Education II
RTHR 4103  Radiation Therapy Clinical Education III
RTHR 4200  Radiation Therapy Synthesis

**Radiation Therapy**

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<tr>
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<tr>
<td>RTHR 3001</td>
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<td>Radiation Therapy III</td>
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<tr>
<td>RTHR 4101</td>
<td>Radiation Therapy Clinical I</td>
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<tr>
<td>RTHR 4102</td>
<td>Radiation Therapy Clinical II</td>
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<td>RTHR 4103</td>
<td>Radiation Therapy Clinical III</td>
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<tr>
<td>RTHR 4200</td>
<td>Radiation Therapy Synthesis</td>
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**Nuclear Medicine**

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<tr>
<td>DDTS 3001L</td>
<td>Patient Care &amp; Assessment Lab</td>
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<tr>
<td>DDTS 4010</td>
<td>Research Methodologies</td>
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<td>DDTS 4020</td>
<td>Management and Leadership</td>
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<tr>
<td>HLPR 2000</td>
<td>Intro Research in Health Prof</td>
</tr>
<tr>
<td>NUCM 3001</td>
<td>Nuclear Medicine I</td>
</tr>
<tr>
<td>NUCM 3002</td>
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<td>NUCM 3003</td>
<td>Nuclear Medicine III</td>
</tr>
<tr>
<td>NUCM 3100</td>
<td>Introduction to Nuclear Medicine</td>
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<tr>
<td>NUCM 4101</td>
<td>Nuclear Medicine Clinical I</td>
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<td>NUCM 4102</td>
<td>Nuclear Medicine Clinical II</td>
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<tr>
<td>NUCM 4103</td>
<td>Nuclear Medicine Clinical III</td>
</tr>
<tr>
<td>NUCM 4200</td>
<td>Nuclear Medicine Synthesis</td>
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**RDSC**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>RDSC 3001</td>
<td>Radiologic Sciences I</td>
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<td>Principles of Image Formation and Evaluation</td>
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<tr>
<td>RDSC 4100</td>
<td>Advanced Imaging Modalities</td>
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**SONO**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>SONO 3001</td>
<td>Sonographic Principles, Theory, and Physics I</td>
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<td>SONO 3002</td>
<td>Sonographic Principles, Theory, and Physics II</td>
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<tr>
<td>SONO 3003</td>
<td>Sonographic Principles, Theory, and Physics III</td>
</tr>
<tr>
<td>SONO 3100</td>
<td>Introduction to Sonography Clinical Education</td>
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<tr>
<td>SONO 4101</td>
<td>Sonography Clinical Education I</td>
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<tr>
<td>SONO 4102</td>
<td>Sonography Clinical Education II</td>
</tr>
<tr>
<td>SONO 4103</td>
<td>Sonography Clinical Education III</td>
</tr>
<tr>
<td>SONO 4200</td>
<td>Sonography Synthesis</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 130

1. **Nuclear Medicine** students who have not completed a Chemistry sequence in the Core must complete one chemistry course with lab as the guided elective.

2. **Radiation Therapy** students who have not complete a Pre-Calculus courses in the Core must complete a Pre-Calculus courses as the guided elective.

3. **Sonography** students who have not completed a Speech Communication course in the Core must complete a speech communication course as the guided elective.

**Advisement**

Department of Diagnostic and Therapeutic Sciences Dept #4901
Armstrong Campus
Phone: 912-344-2802/912-344-2942
Fax: 912-344-3442

**Respiratory Therapy B.S.**

**Traditional Track**

**Degree Requirements: 130 Credit Hours**

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E) 42</th>
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<tbody>
<tr>
<td>Additional Requirements</td>
<td>4</td>
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<tr>
<td>Area F - Courses Appropriate to Major 18</td>
<td></td>
</tr>
<tr>
<td>BIOL 2081</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL 2082</td>
<td>Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>BIOL 2275</td>
<td>Microorganisms and Disease</td>
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<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
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<tr>
<td>or PHSC 1211</td>
<td>Physical Science</td>
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**Approved Elective**

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<tr>
<th>Major Requirements 66</th>
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<tbody>
<tr>
<td>RESP 2110</td>
</tr>
<tr>
<td>RESP 3110</td>
</tr>
<tr>
<td>RESP 3120</td>
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<tr>
<td>RESP 3151C</td>
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<tr>
<td>RESP 3210</td>
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<td>RESP 3220</td>
</tr>
<tr>
<td>RESP 3230</td>
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<tr>
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<td>RESP 3315</td>
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<td>RESP 3325</td>
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<td>RESP 3353C</td>
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<tr>
<td>RESP 4215</td>
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<tr>
<td>RESP 4285C</td>
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</table>

**Related Field Courses**

| RESP 3400  | Cardiopulmonary Anat & Phys           |
| HLPR 2000  | Intro Research in Health Prof         |

**Additional Requirements**
Program Admission Criteria

In order to be eligible for admission to the Respiratory Therapy program, a student must earn a minimum grade of 'C' in all science courses. No more than two science courses from Area D and/or Area F may be repeated more than twice. Transcript grades of 'D', 'F', or 'WF' are considered failing grades in the Respiratory Therapy program. Admission to Georgia Southern University does not guarantee admission to the respiratory therapy program. The department has a separate formal admissions process. Students are normally admitted to the professional component of the program in the Fall. The application deadline is March 1. Applications received after that date will be considered on a space available basis.

Admission to the major is made on a space available basis and is limited to the best qualified students as determined by the admissions committee. Meeting admission criteria does not constitute acceptance into the program. The maximum enrollment ceiling in the Respiratory Therapy Program is 22 students. Minimum admission criteria include completion of all core requirements for the major, an adjusted grade point average of 2.5, no grade less than C in courses related to area D or F of the core.

Special Requirements

Criminal Background Checks and Drug Testing. Clinical agencies utilized by the Respiratory Therapy program may require criminal background checks and/or drug testing prior to acceptance of the student into clinical facilities. Students who do not pass the criminal background check and/or drug test may be unable to attend clinical courses and therefore may be unable to complete their program of study. Any fees or cost associated with background checks and/or drug testing are the responsibility of the student.

Legal. The Composite State Board of Medical Examiners of Georgia has the authority to refuse to grant a license to an applicant upon a finding by the board that the applicant has been convicted of any felony, a crime involving moral turpitude, or a crime violating a federal or state law relating to controlled substances or dangerous drugs. Unlicensed students may be employed as long as they work under direct supervision. Students must apply for a temporary permit in order to work following graduation. In order to attain a full license the applicant must be employed under medical direction and have earned a CRT credential. It is a misdemeanor to practice respiratory care or falsely represent oneself as a respiratory care professional unless licensed by the board.

Health and Insurance. Students are required to submit a complete health history form and evidence of health insurance, immunizations, and liability (malpractice) insurance prior to participation in clinical practicum.

Progression Requirements

Students must complete the respiratory therapy program within three consecutive academic years from the date of initial entry. Students who do not complete the program within this time limit must reapply for admission, meet current criteria for admission, and have their previous credits evaluated at the time of their subsequent admission. Students who are readmitted must meet course requirements in effect at the time of readmission.

A grade of C or better is required for each course in the major field of study. A student who earns a grade of less than C must repeat the course the next semester it is offered. Students may repeat a course in the major field of study only once. Students who must repeat more than one course in the major field of study will be dismissed from the program with no option for readmission. Students placed on academic warning who do not raise their grade point average to the minimum criteria for academic good standing the following semester will be suspended from the program.

Courses used to raise the grade point average must be approved by the academic advisor. Students suspended from the program are eligible for readmission.

Students must complete readmission applications for Georgia Southern University and the respiratory therapy major. Students will be required to meet admission and curriculum requirements in effect at the time of readmission, and must complete a comprehensive clinical evaluation prior to readmission. Students are responsible for scheduling such evaluations by the mid-term date of the semester prior to readmission. Readmission to the respiratory therapy major is a faculty decision and will be based on space availability and faculty recommendation.

Advisement

Contact the College of Health Professions Student Success Center, Hollis Building, Room 0101, (912) 478-1931 for more information regarding admission and advising requirements.

Respiratory Therapy B.S. (Online)

RRT Online Career-Ladder Program

Degree Requirements: 130 Credit Hours

| General Requirements (Core Areas A-E) | 42 |
| Additional Requirements | 4 |
| Area F - Courses Appropriate to Major | 18 |
| BIOL 2081 Human Anatomy and Physiology I |  |  |
| BIOL 2082 Human Anatomy and Physiology II |  |  |
| BIOL 2275 Microorganisms and Disease |  |  |
| PHYS 1111K Introductory Physics I or PHSC 1211 Physical Science |  |  |
| Approved elective |  |  |
| Major Requirements | 66 |
| RESP 2110 Medical Terminology |  |  |
| RESP 3110 Patient Assessment |  |  |
| RESP 3120 Respiratory Care Equipment |  |  |
| RESP 3151C Clinical Practicum I |  |  |
| RESP 3210 Clinical Pharmacology |  |  |
| RESP 3220 Respiratory Care Fundamentals |  |  |
| RESP 3230 Diagnostic Procedures |  |  |
| RESP 3252C Clinical Practicum II |  |  |
| RESP 3315 Prin Of Mech Ventilation |  |  |
| RESP 3325 Managing Ventilator Patient |  |  |
| RESP 3353C Clinical Practicum iii |  |  |
| RESP 4110 Advanced Ventilatory Support |  |  |
| RESP 4120 Cardiopulmonary Critical Care |  |  |
| RESP 4130 Perinatal Care |  |  |
| RESP 4140 Cardiopulmonary Medicine |  |  |
| RESP 4154C Clinical Practicum Iv |  |  |
| RESP 4215 Prof Issues In Resp Care |  |  |
| RESP 3700 Intro Adv Practice Resp Care |  |  |
| RESP 4700 Preceptorship Cardiopul Care |  |  |
| Choose one of the following: |  |  |
| HSCC 2200 Health Communication | 2 |
| HSCC 2300 Management of Health Information | 2 |
| RADS 3455 Introduction To Bioethics | 2 |
Respiratory Therapy RRT Online Career-Ladder Program

The Department of Respiratory Therapy has adopted the career-ladder model as the basis for accepting RRTs into the baccalaureate program. Registered respiratory therapists may advance their education while minimizing duplication of knowledge and skills. Other goals of the career-ladder program are to educate individuals who will be able to contribute to the growth and development of respiratory care as a profession; educate respiratory care providers in a scientific approach to problem-solving and patient care; provide the interpersonal and communication skills needed to work effectively as a member of the interdisciplinary health care team; and foster respect, critical thinking, and a genuine desire for knowledge. RRTs may receive advanced placement via equivalency credit. (Equivalent credit will be awarded individually based on the candidate's academic transcript and professional portfolio). Applicants who graduated more than three years before admission will need to validate current practice.

RRT Career-Ladder

Program Admission Criteria

Students who have achieved the associate degree and the registered respiratory therapist (RRT) credential will be eligible to interview for the Georgia Southern Career Ladder program. Military respiratory therapists will receive special consideration. Candidates should have an earned associate degree in respiratory therapy, RRT credentials, completion of all baccalaureate core courses, a cumulative grade point average of at least 2.5, and have completed a professional portfolio. Each portfolio should contain verification of RRT credentials, a notarized copy of the associate degree, a resume with complete work history, a current job description, a letter of recommendation from an immediate supervisor, verification of a current valid state license, and documentation of specialty credentials and in-house certifications.

Career Ladder applicants will have official transcripts or transfer credit, course substitutions, or achieve a C or better in all classes required in Area A-E.

Special Requirements

Criminal Background Checks and Drug Testing. Clinical agencies utilized by the Respiratory Therapy program may require criminal background checks and/or drug testing prior to acceptance of the student into clinical facilities. Students who do not pass the criminal background check and/or drug test may be unable to attend clinical courses and therefore may be unable to complete their program of study. Any fees or cost associated with background checks and/or drug testing are the responsibility of the student.

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Advisement

Department of Diagnostic and Therapeutic Sciences Dept #4901
Armstrong Campus
Phone: 912-344-2549/912-344-2550
Fax: 912-344-3472

Department of Health Sciences and Kinesiology

The Department of Health Sciences and Kinesiology at Georgia Southern University promotes undergraduate (http://chp.georgiasouthern.edu/hk/undergraduate) and graduate (http://chp.georgiasouthern.edu/hk/graduate) education, scholarship and research, and prepares students who are interested in entering a health field, as well as experienced health professionals who wish to further their career opportunities.

Programs

 Majors

• Athletic Training B.S.A.T. (p. 198)
• Exercise Science B.S.K. (Emphasis in Allied Health and Graduate School) (p. 200)
• Exercise Science B.S.K. (Emphasis in Fitness and Wellness Management) (p. 201)
• Exercise Science B.S.K. (Emphasis in Inclusive Physical Activity) (p. 202)
• Exercise Science B.S.K. (Emphasis in Sport Performance) (p. 203)
• Exercise Science B.S.K. (Emphasis in Tactical Strength and Conditioning) (p. 204)
• Health Sciences B.H.S. (Concentration in General Health Science) (p. 205)
• Health Sciences B.H.S. (Concentration in Health Informatics) (p. 206)
• Health Sciences B.H.S. (Concentration in Health Services Administration) (p. 207)
• Health Sciences B.H.S. (Concentration in Human Performance/Fitness Management) (p. 208)
• Health Sciences B.H.S. (Emphasis in Gerontology) (p. 209)
• Nutrition and Food Science B.S. (Emphasis in Community Nutrition) (p. 209)
• Nutrition and Food Science B.S. (Emphasis in Dietetics) (p. 210)
• Nutrition and Food Science B.S. (Emphasis in Food Science/Food Systems Administration) (p. 211)
• Sport Management B.S. (p. 212)

Minors

• Exercise Science Minor (p. 204)
• Nutrition and Food Science Minor (p. 212)

Certificates

• Gerontology Certificate (p. 205)

Dr. John Dobson, Interim Department Chair & Associate Professor
Office: Statesboro Campus-Hollis Building
Phone: (912) 478-0200
Fax: (912) 344-3490

Georgia Southern University Armstrong Campus in Savannah
Department #4076; University Hall 154
11935 Abercorn Street
Savannah, GA 31419
Phone: (912) 344-2548
Fax: (912) 344-2548

Georgia Southern University Statesboro Campus
P.O. Box 8076; Hollis Building 2115
Statesboro, GA 30460
Phone: (912) 478-0200

Athletic Training B.S.A.T.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>General Requirements (Core A - E)</td>
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<tr>
<td>Additional Requirements</td>
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<tr>
<td>Area F - Courses Appropriate to Major</td>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
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<td>Human Anatomy and Physiology I Laboratory</td>
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<td>KINS 2512</td>
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<td>KINS 3130</td>
<td>Research Methods in Kinesiology</td>
</tr>
<tr>
<td>KINS 3132</td>
<td>Foundations of Exercise and Sport Psychology</td>
</tr>
<tr>
<td>KINS 3330</td>
<td>Prevention of Injury and Illness in Athletic Training</td>
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<td>KINS 3331</td>
<td>Pathology and Care of Athletic Injury and Illness</td>
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<tr>
<td>KINS 3541</td>
<td>Structural Kinesiology</td>
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<tr>
<td>KINS 3542</td>
<td>Physiological Aspects of Exercise</td>
</tr>
<tr>
<td>KINS 3543</td>
<td>Biomechanical Analysis of Movement</td>
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<tr>
<td>KINS 4130</td>
<td>Administrative Principles in Kinesiology</td>
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<tr>
<td>KINS 4330</td>
<td>Evaluation of Lower Extremity Injuries</td>
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<td>KINS 4331</td>
<td>Evaluation of Upper Extremity Injuries</td>
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<td>Therapeutic Modalities in Athletic Training</td>
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<tr>
<td>KINS 4333</td>
<td>Therapeutic Exercise and Rehabilitation</td>
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<tr>
<td>KINS 4334</td>
<td>General Medical and Pharmacological Issues in Athletic Training</td>
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<tr>
<td>KINS 4618</td>
<td>Senior Seminar in Athletic Training</td>
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Guided Major Electives

Major Clinical Requirements

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<th>Course Code</th>
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<tr>
<td>KINS 2321</td>
<td>Clinical Skills in Athletic Training I</td>
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<tr>
<td>KINS 2322</td>
<td>Clinical Skills in Athletic Training II</td>
</tr>
<tr>
<td>KINS 3321</td>
<td>Clinical Applications in Athletic Training I</td>
</tr>
<tr>
<td>KINS 3322</td>
<td>Clinical Applications in Athletic Training II</td>
</tr>
<tr>
<td>KINS 4721</td>
<td>Clinical Practicum in Athletic Training I</td>
</tr>
<tr>
<td>KINS 4722</td>
<td>Clinical Practicum in Athletic Training II</td>
</tr>
</tbody>
</table>

Elective

Select 3 credit hours of Electives

Total Credit Hours 124

1 If taken in Area A2 or D, then use Fundamentals or Guided Electives to complete Area F.
2 If Physics 1111K taken in Area D, then CHEM 1211K or CHEM 1212K or Guided Electives required in Area F.

Note: Athletic Training Majors must complete Fundamentals to include:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 2532</td>
<td>Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>MATH 1112</td>
<td>College Trigonometry</td>
</tr>
<tr>
<td>NTFS 2530</td>
<td>Nutrition and Health</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
</tr>
</tbody>
</table>

Credit Hours

Students not able to complete Fundamentals in Areas A2, D, and F will take these courses as part of their Guided Major Electives and/or as course substitutions in the major program requirements. Students may substitute Calculus I (MATH 1441) and Principles of Physics I (PHYS 2211K)/Principles of Physics II (PHYS 2212K) for Fundamentals with advisor approval.
Program Admission Criteria

Athletic Training major applicants must meet the University entrance requirements as described in the University General Catalog. All applicants must apply for admission to both the University and the Athletic Training Major. Once admitted to the University, students should contact the Student Services Center for advisement. In order to be considered for admission into the Athletic Training major, applicants must meet the following minimum requirements by the application deadline (See the department for application dates):

1. Attained admission to Georgia Southern University.
2. Possess a total institution GPA of 2.75 or better on all course work attempted (both transfer course work and work completed at Georgia Southern University are considered).
3. Completed a minimum of 15 credit hours, and enrolled in at least 12 credit hours during the time of application. Total credit hours must reflect at least 4 credit hours completed from Area D and/or F.
4. Completed Human Anatomy and Physiology I (KINS 2531)/Human Anatomy and Physiology I Laboratory (KINS 2511) and Human Anatomy and Physiology II (KINS 2532)/Human Anatomy and Physiology II Laboratory (KINS 2512) with a “C” or better (Completed no later than Summer B term of the application year).
5. Attained a minimum grade of “C” in all Area D and Area F course work attempted.
6. Completed, by the deadline, an Application Package that includes the following:
   a. A completed Application Form.
   b. Copies of college transcripts for all work completed to date.
   c. Blood-borne pathogen training. Contact athletic training faculty for information regarding the training session.
   d. Documented observation credit hours in an approved athletic training environment. These credit hours must be documented and signed by a certified athletic trainer. These credit hours must have been accrued within the last year.
   e. A one-page, double-spaced, typed writing sample addressing the following: the single most important attribute for an effective allied health care provider; personal traits or attributes you possess which will allow you to become an effective allied health care provider.
7. Three letters of recommendation.
8. Completed a personal interview with the Athletic Training Admission Committee.

Upon Formal Acceptance Into the Program

Students must show proof of the following documents:

1. Proof of CPR/AED for the Professional Rescuer and First Aid Responding to Emergencies Certification.
2. Record of annual physical.
3. Record of immunizations.
4. Technical standards signed.
5. Student liability insurance.
6. Health insurance.
7. Background check.

All of the Following Requirements Must Be Met for Student Progression in the Program

1. Students must maintain a total institution GPA of 2.50 or better on all course work.
2. Students must successfully complete all clinical field experiences related to course content and objectives.
3. Students must adhere to the ATEP dress code.
4. Students must provide their own transportation for off campus experiences.
5. Students must not have been found in violation of the Georgia Southern Student Conduct Code. Students found in violation of the Student Conduct code, may, depending upon the seriousness of the violation, be placed on program probation or dismissed from the program.
6. Students must not violate the NATA Code of Ethics for practicing athletic trainers. Students found in violation of the Code of Ethics will be dismissed from the program.

Honors in Athletic Training

To graduate with a Honors in Athletic Training, a student must:

• be admitted to the University Honors Program;
• successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters
• successfully complete and present an Honors Thesis or Capstone Project at the time of graduation;
• be in good standing in the University Honors Program at the time of graduation

Other Program Requirements

Students are responsible for:

1. Transportation for off-campus clinical sites.
2. The purchase of their uniforms.
3. The cost of a background check.
4. Maintaining personal health and liability insurance.
5. Additional expenses may include the cost of professional dues and the Board of Certification Examination.

Transfer Student Admission Into the Athletic Training Major

Prospective students who wish to transfer to Georgia Southern University and pursue a degree in Athletic Training must apply for the program and submit to the same selection process as other candidates. Please refer to application for prerequisites. Acceptance of transfer prerequisite or regular course work is subject to the approval of the Registrar’s Office and the Program Director pending review of content (syllabus, course description, etc.). Other courses may be counted toward the degree requirements for Athletic Training; however, every student must take the following courses at Georgia Southern University in order to receive a degree in Athletic Training:

**Credit Hours**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 2321</td>
<td>Clinical Skills in Athletic Training I</td>
<td>2</td>
</tr>
<tr>
<td>KINS 2322</td>
<td>Clinical Skills in Athletic Training II</td>
<td>2</td>
</tr>
<tr>
<td>KINS 3321</td>
<td>Clinical Applications in Athletic Training I</td>
<td>2</td>
</tr>
<tr>
<td>KINS 3322</td>
<td>Clinical Applications in Athletic Training II</td>
<td>2</td>
</tr>
<tr>
<td>KINS 3330</td>
<td>Prevention of Injury and Illness in Athletic</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Training</td>
<td></td>
</tr>
<tr>
<td>KINS 3331</td>
<td>Pathology and Care of Athletic Injury and</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Illness</td>
<td></td>
</tr>
<tr>
<td>KINS 3541</td>
<td>Structural Kinesiology</td>
<td>4</td>
</tr>
<tr>
<td>KINS 4330</td>
<td>Evaluation of Lower Extremity Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KINS 4331</td>
<td>Evaluation of Upper Extremity Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KINS 4332</td>
<td>Therapeutic Modalities in Athletic Training</td>
<td>3</td>
</tr>
<tr>
<td>KINS 4333</td>
<td>Therapeutic Exercise and Rehabilitation</td>
<td>3</td>
</tr>
</tbody>
</table>
Exercise Science B.S.K. (Emphasis in Allied Health and Graduate School)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core A - E) 1 42

Area F - Courses Appropriate to Major 2, 3 18

KINS 2511 Human Anatomy and Physiology I Laboratory
KINS 2512 Human Anatomy and Physiology II Laboratory
KINS 2531 Human Anatomy and Physiology I
KINS 2532 Human Anatomy and Physiology II
MATH 1112 College Trigonometry 1
PHYS 1111K Introductory Physics I
KINS 2535 Introduction to Exercise Science

Major Requirements 28

KINS 3130 Research Methods in Kinesiology
KINS 3132 Foundations of Exercise and Sport Psychology
KINS 3230 Motor Control, Coordination, and Skill
KINS 3541 Structural Kinesiology
KINS 3542 Physiological Aspects of Exercise
KINS 3543 Biomechanical Analysis of Movement

KINS 4334 General Medical and Pharmacological Issues in Athletic Training 3
KINS 4618 Senior Seminar in Athletic Training 1
KINS 4721 Clinical Practicum in Athletic Training I 2
KINS 4722 Clinical Practicum in Athletic Training II 2

Clinical experiences obtained outside of Georgia Southern University Athletic Training Education Program will not be accepted.

An athletic trainer is a qualified allied health care professional educated and experienced in the management of health care problems associated with physical activity. In cooperation with physicians and other allied health care personnel, the athletic trainer functions as an integral member of the health care team in secondary schools, colleges and universities, professional sports programs, sports medicine clinics, and/or other health care settings. The athletic trainer functions in cooperation with medical personnel, athletic personnel, individuals involved in physical activity, parents, and guardians in the development and coordination of efficient and responsive athletic health care delivery systems. The athletic trainer’s professional preparation is directed toward the development of specified competencies in the following domains: risk management and injury prevention, pathology of injuries and illnesses, assessment and evaluation, acute care of injury and illness, pharmacology, therapeutic modalities, therapeutic exercise, general medical conditions and disabilities, nutritional aspects of injury and illness, psychosocial intervention and referral, health care administration, professional development and responsibilities. Through a combination of formal classroom instruction and clinical experience, the athletic trainer is prepared to apply a wide variety of specific health care skills and knowledge within each of the domains. For additional information, contact the Department of Health Sciences & Kinesiology, College of Health Professions, 2115 Hollis Building, (912) 478-0200.

Program and Emphasis Area Admission Criteria

- Admission to Georgia Southern University
- A total institution GPA of 2.0 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered)
- Completed a minimum of 30 credit hours
- A minimum grade of “C” in all Area D and F course work attempted

Honors Program

To graduate with Honors in Exercise Science, a student must:

- be admitted to the University Honors Program
- successfully complete and present an Honors Thesis or Capstone Project
- be in good standing in the University Honors Program at the time of graduation

Program Progression Criteria

- Students must earn a minimum grade of “C” in all courses in Area F and within the major requirements, including guided major electives to progress in the Exercise Science major.
- Students must also earn a minimum grade of “C” in a prerequisite course prior to registering for an advanced course.

Allied Health and Graduate School Emphasis 32

The Allied Health and Graduate School Track will prepare students to apply for graduate programs in Physical Therapy, Occupational Therapy, Athletic Training, Physician’s Assistant, Medical School, or Kinesiology. At least a 3.0 GPA or higher is required to stay in this emphasis area.

Select from the following courses, depending upon graduate school requirements, to add up to 32 hours.

- BIOL 1107 Principles of Biology I
- BIOL 1107L Principles of Biology I Laboratory
- BIOL 1108 Principles of Biology II
- BIOL 1108L Principles of Biology Laboratory II
- BIOL 2240 Microbiology
- CHEM 3401 Organic Chemistry I
- CHFD 2137 Lifespan Development
- HLTH 2510 Medical Terminology
- KINS 2533 Pathophysiology

Total Credit Hours 124

1 If CHEM 1211 and 1212 are not taken in the core, it must be taken as part of a chosen track.
2 Students may elect to substitute Pre-Calculus (MATH 1113) or Calculus I (MATH # 144) for MATH 1112 with advisor approval
3 Students may elect to substitute Principles of Physics I (PHYS # 2211) for PHYS 1111 with advisor approval. Students in the Allied Health and Graduate School Track may elect to substitute Principles of Physics II (PHYS # 2212) for PHYS 1112 with advisor approval.
4 Hours are variable based on the minor chosen to give room for other prerequisite courses in that minor
• If a student receives a grade of “D” or “F” in a course listed in Area F and/or within the major requirements, including guided major electives, the student can repeat said course no more than 2 times.
• Once in this emphasis area, student must maintain a 3.0 GPA in all major courses and guided major electives.
• Students must show proof of CPR/AED certification prior to completing KINS 3452.

Note: Exercise Science Majors must complete Fundamentals to include:

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1211K</td>
</tr>
<tr>
<td>CHEM 1212K</td>
</tr>
<tr>
<td>PSYC 1101</td>
</tr>
</tbody>
</table>

Students not able to complete Fundamentals in Areas A2, D, and F will take these courses as part of their selected emphasis area.

Advisement

For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Exercise Science B.S.K.
(Emphasis in Fitness and Wellness Management)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core A - E)</td>
</tr>
<tr>
<td>Additional Requirements</td>
</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>KINS 2511</td>
</tr>
<tr>
<td>KINS 2512</td>
</tr>
<tr>
<td>KINS 2531</td>
</tr>
<tr>
<td>KINS 2532</td>
</tr>
<tr>
<td>MATH 1112</td>
</tr>
<tr>
<td>PHYS 1111K</td>
</tr>
<tr>
<td>KINS 2535</td>
</tr>
<tr>
<td>Major Requirements</td>
</tr>
<tr>
<td>KINS 3130</td>
</tr>
<tr>
<td>KINS 3132</td>
</tr>
<tr>
<td>KINS 3230</td>
</tr>
<tr>
<td>KINS 3541</td>
</tr>
<tr>
<td>KINS 3542</td>
</tr>
<tr>
<td>KINS 3543</td>
</tr>
<tr>
<td>KINS 4130</td>
</tr>
<tr>
<td>KINS 4231</td>
</tr>
</tbody>
</table>

Emphasis in Fitness and Wellness Management 32

The emphasis in Fitness and Wellness Management prepares students for Personal Trainer, Group Fitness Instructor, and Wellness Coach/Health Coach certifications. Students will learn to prescribe fitness for both individuals and groups in multiple platforms, to develop and provide exercise programming for facilities and individuals as well as fitness testing and behavior modification counseling within the commercial and corporate fitness industries. Certifications include ACSM-CPT, ACE-Group Fitness Instructor, NSHC-Certified Health Coach, ACSM-EP, and ACSM/NPAS Physical Activity in Public Health Specialist.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2030</td>
</tr>
<tr>
<td>KINS 3438</td>
</tr>
<tr>
<td>HSCF 4020</td>
</tr>
<tr>
<td>HSCF 4030</td>
</tr>
<tr>
<td>HSCF 3710</td>
</tr>
<tr>
<td>NTFS 2530</td>
</tr>
<tr>
<td>KINS 3435</td>
</tr>
<tr>
<td>KINS 4799</td>
</tr>
<tr>
<td>KINS 4099</td>
</tr>
<tr>
<td>KINS 4099</td>
</tr>
</tbody>
</table>

Select up to 6 hours of the following:

HSCP 4000 | Indep Study In Health Science (Health/Fitness Sales and Marketing) |
KINS 4440 | Sport Conditioning Laboratory |
KINS 4099 | Selected Topics in Kinesiology (Principles of Group Fitness Instruction) |
KINS 4099 | Selected Topics in Kinesiology (Adapted Physical Activity I) |
KINS 4099 | Selected Topics in Kinesiology (Adapted Physical Activity II) |

Total Credit Hours 124

Program Admission Criteria

• Admission to Georgia Southern University
• A total institution GPA of 2.0 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered)
• Completed a minimum of 30 credit hours
• A minimum grade of “C” in all Area D and F course work attempted

Honors Program Progression Requirements

To graduate with Honors in Exercise Science, a student must:

• be admitted to the University Honors Program
• successfully complete and present an Honors Thesis or Capstone Project
• be in good standing in the University Honors Program at the time of graduation

Program Progression Criteria

• Students must earn a minimum grade of “C” in all courses in Area F and within the major requirements, including guided major electives.
• Students must also earn a minimum grade of “C” in a prerequisite course prior to registering for an advanced course.
• If a student receives a grade of “D” or “F” in a course listed in Area F and/or within the major requirements, including guided major electives, the student must repeat said course no more than 2 times.
• Students must show proof of CPR/AED certification prior to completing KINS 3452.
• To be eligible for internship, students must have a total institution GPA of 2.0 or better, and completed all core curriculum and major degree requirements, earning a grade of "C" in all courses in Area F and within the major requirements, including courses taken within the tracks. Students registering for less than 12 hours of internship can take other coursework, but the coursework must be approved by the program coordinator.
• Internships must be approved by the internship coordinator.

Note: Exercise Science Majors must complete Fundamentals to include:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1211K</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>3</td>
</tr>
</tbody>
</table>

Students not able to complete Fundamentals in Areas A2, D, and F will take these courses as part of their selected emphasis area.

### Exercise Science B.S.K. (Emphasis in Inclusive Physical Activity)

#### Degree Requirements: 124 Hours

*See Core Curriculum for required courses in Area A1 through Area E.*

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Requirements (Core A - E)</strong></td>
<td>42</td>
</tr>
<tr>
<td><strong>Additional Requirements</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Area F - Courses Appropriate to Major</strong></td>
<td>18</td>
</tr>
<tr>
<td>KINS 2511</td>
<td>Human Anatomy and Physiology I Laboratory</td>
</tr>
<tr>
<td>KINS 2512</td>
<td>Human Anatomy and Physiology II Laboratory</td>
</tr>
<tr>
<td>KINS 2531</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>KINS 2532</td>
<td>Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>MATH 1112</td>
<td>College Trigonometry</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>KINS 2535</td>
<td>Introduction to Exercise Science</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Major Requirements</strong></td>
<td>28</td>
</tr>
<tr>
<td>KINS 3130</td>
<td>Research Methods in Kinesiology</td>
</tr>
<tr>
<td>KINS 3132</td>
<td>Foundations of Exercise and Sport Psychology</td>
</tr>
<tr>
<td>KINS 3230</td>
<td>Motor Control, Coordination, and Skill</td>
</tr>
<tr>
<td>KINS 3541</td>
<td>Structural Kinesiology</td>
</tr>
<tr>
<td>KINS 3542</td>
<td>Physiological Aspects of Exercise</td>
</tr>
<tr>
<td>KINS 3543</td>
<td>Biomechanical Analysis of Movement</td>
</tr>
<tr>
<td>KINS 4130</td>
<td>Administrative Principles in Kinesiology</td>
</tr>
<tr>
<td>KINS 4231</td>
<td>Fitness Evaluation and Exercise Prescription</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inclusive Physical Activity Emphasis</strong></td>
<td>32</td>
</tr>
</tbody>
</table>

The Inclusive Physical Activity Emphasis will prepare students to prescribe safe and effective programming for individuals with disabilities and provide motivational support to achieve and maintain a healthy lifestyle. Students will be prepared to work in community and public health settings to improve access to exercise for all individuals as they gain a working knowledge of the American Disability Act (ADA) and policies specific to accessibility. Certifications: ACSM/NCPAD Certified Inclusive Fitness Trainer, NSCA Certified Special Populations Specialist.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 3438 Principles of Personal Training</td>
<td>4</td>
</tr>
<tr>
<td>KINS 4099 Selected Topics in Kinesiology (Adapted Physical Activity II)</td>
<td>4</td>
</tr>
<tr>
<td>KINS 4799 Internship in Exercise Science</td>
<td>4</td>
</tr>
<tr>
<td>KINS 4099 Selected Topics in Kinesiology (Adapted Physical Activity I)</td>
<td>4</td>
</tr>
<tr>
<td>KINS 4099 Selected Topics in Kinesiology (Health and Physical Activity for Exceptional Youth)</td>
<td>4</td>
</tr>
</tbody>
</table>

Students then choose a minor in Public Health, Health Education and Promotion, Recreation, or Child and Family Development (15 hours)

<table>
<thead>
<tr>
<th>Program Hours</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td>124</td>
</tr>
</tbody>
</table>

### Program Admission Criteria

- Admission to Georgia Southern University
- A total institution GPA of 2.0 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered)
- Completed a minimum of 30 credit hours
- A minimum grade of “C” in all Area D and F course work attempted

### Honors Program

To graduate with Honors in Exercise Science, a student must:

- be admitted to the University Honors Program
- successfully complete and present an Honors Thesis or Capstone Project
- be in good standing in the University Honors Program at the time of graduation

### Program Progression Criteria

- Students must earn a minimum grade of “C” in all courses in Area F and within the major requirements, including guided major electives.
- Students must also earn a minimum grade of “C” in a prerequisite course prior to registering for an advanced course.
- If a student receives a grade of “D” or “F” in a course listed in Area F and/or within the major requirements, including guided major electives, the student can repeat said course no more than 2 times.
- Students must show proof of CPR/AED certification prior to completing KINS 3452.
- To be eligible for internship, students must have a total institution GPA of 2.0 or better, and completed all core curriculum and major degree requirements, earning a grade of “C” in all courses in Area F and within the major requirements, including courses taken within the tracks. Students registering for less than 12 hours of internship can take other coursework, but the coursework must be approved by the program coordinator.
- Internships must be approved by the internship coordinator.
Note: Exercise Science Majors must complete Fundamentals to include:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1211K</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>3</td>
</tr>
</tbody>
</table>

Students not able to complete Fundamentals in Areas A2, D, and F will take these courses as part of their selected emphasis area.

Exercise Science B.S.K.
(Emphasis in Sport Performance)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in area A1 through Area E.

Select up to 12 credit hours of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 3426</td>
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<tr>
<td>KINS 3427</td>
<td></td>
</tr>
<tr>
<td>KINS 3428</td>
<td></td>
</tr>
<tr>
<td>KINS 3429</td>
<td></td>
</tr>
<tr>
<td>KINS 3430</td>
<td></td>
</tr>
<tr>
<td>KINS 3431</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 124

Program Admission Criteria

- Admission to Georgia Southern University
- A total institution GPA of 2.0 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered)
- Completed a minimum of 30 credit hours
- A minimum grade of “C” in all Area D and F course work attempted

Honors Program Progression Requirements

To graduate with Honors in Exercise Science, a student must:

- be admitted to the University Honors Program
- successfully complete and present an Honors Thesis or Capstone Project
- be in good standing in the University Honors Program at the time of graduation

Program Progression Criteria

- Students must earn a minimum grade of “C” in all courses in Area F and within the major requirements, including guided major electives.
- Students must also earn a minimum grade of “C” in a prerequisite course prior to registering for an advanced course.
- If a student receives a grade of “D” or “F” in a course listed in Area F and/or within the major requirements, including guided major electives, the student can repeat said course no more than 2 times.
- Students must show proof of CPR/AED certification prior to completing KINS 3452.
- To be eligible for internship, students must have a total institution GPA of 2.0 or better, and completed all core curriculum and major degree requirements, earning a grade of “C” in all courses in Area F and within the major requirements, including courses taken within the tracks. Students registering for less than 12 hours of internship can take other coursework, but the coursework must be approved by the program coordinator.
- Internships must be approved by the internship coordinator.

Note: Exercise Science Majors must complete Fundamentals to include:

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<tr>
<td>CHEM 1212K</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>3</td>
</tr>
</tbody>
</table>

Students not able to complete Fundamentals in Areas A2, D, and F will take these courses as part of their selected emphasis area.
Exercise Science B.S.K.  
(Emphasis in Tactical Strength and Conditioning)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core A - E) 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td></td>
</tr>
</tbody>
</table>

Additional Requirements 4

Area F - Courses Appropriate to Major 2, 3 18

| KINS 2511 | Human Anatomy and Physiology I Laboratory |
| KINS 2512 | Human Anatomy and Physiology II Laboratory |
| KINS 2531 | Human Anatomy and Physiology I |
| KINS 2532 | Human Anatomy and Physiology II |
| MATH 1112 | College Trigonometry |
| PHYS 1111K | Introductory Physics I |
| KINS 2535 | Introduction to Exercise Science |

Major Requirements 28

| KINS 3130 | Research Methods in Kinesiology |
| KINS 3132 | Foundations of Exercise and Sport Psychology |
| KINS 3230 | Motor Control, Coordination, and Skill |
| KINS 3541 | Structural Kinesiology |
| KINS 3542 | Physiological Aspects of Exercise |
| KINS 3543 | Biomechanical Analysis of Movement |
| KINS 4130 | Administrative Principles in Kinesiology |
| KINS 4231 | Fitness Evaluation and Exercise Prescription |

Tactical Strength and Conditioning Emphasis 32

The emphasis in Tactical Strength and Conditioning prepares students for the Tactical Strength and Conditioning – Facilitator certification and to provide emergency medical treatment. Certification: Tactical Strength and Conditioning (NSCA).

| KINS 3430 | Principles of Coaching |
| KINS 3431 | Psychology of Coaching |
| HSCF 3710 | Worksite Wellness and Safety |
| NTFS 3630 | Sports Nutrition |
| KINS 4420 | Sport Conditioning Laboratory |
| KINS 4099 | Selected Topics in Kinesiology (Principles of Strength and Conditioning) |
| KINS 4099 | Selected Topics in Kinesiology (Tactical Strength and Conditioning) |
| KINS 4799 | Internship in Exercise Science |

Total Credit Hours 124

Program Admission Criteria

- Admission to Georgia Southern University
- A total institution GPA of 2.0 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered)
- Completed a minimum of 30 credit hours
- A minimum grade of "C" in all Area D and F course work attempted

Honors Program Progression Requirements

To graduate with Honors in Exercise Science, a student must:

- be admitted to the University Honors Program
- successfully complete and present an Honors Thesis or Capstone Project
- be in good standing in the University Honors Program at the time of graduation

Program Progression Criteria

- Students must earn a minimum grade of “C” in all courses in Area F and within the major requirements, including guided major electives.
- Students must also earn a minimum grade of “C” in a prerequisite course prior to registering for an advanced course.
- If a student receives a grade of “D” or “F” in a course listed in Area F and/or within the major requirements, including guided major electives, the student can repeat said course no more than 2 times.
- Students must show proof of CPR/AED certification prior to completing KINS 3452.
- To be eligible for internship, students must have a total institution GPA of 2.0 or better, and completed all core curriculum and major degree requirements, earning a grade of “C” in all courses in Area F and within the major requirements, including courses taken within the tracks. Students registering for less than 12 hours of internship can take other coursework, but the coursework must be approved by the program coordinator.
- Internships must be approved by the internship coordinator.

Note: Exercise Science Majors must complete Fundamentals to include:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>CHEM 1211K Principles of Chemistry I</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHEM 1212K Principles of Chemistry II</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Students not able to complete Fundamentals in Areas A2, D, and F will take these courses as part of their selected emphasis area.

Exercise Science Minor

Contact

Chair, Department of Health Sciences and Kinesiology
Hollis Building, Room 2115
(912) 478-0200

The Exercise Science Minor is open to any student interested in exercise science. Students can choose between two emphases: exercise behavior or coaching behavior.

Prerequisites

Required for Option 1 ONLY:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>KINS 2511 Human Anatomy and Physiology I Laboratory</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>KINS 2512 Human Anatomy and Physiology II Laboratory</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>KINS 2531 Human Anatomy and Physiology I</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>KINS 2532 Human Anatomy and Physiology II</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
**Minor Program**

**OPTION 1 - Exercise Behavior Emphasis**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 3132</td>
<td>Foundations of Exercise and Sport Psychology</td>
<td>3</td>
</tr>
<tr>
<td>KINS 3541</td>
<td>Structural Kinesiology</td>
<td>4</td>
</tr>
<tr>
<td>KINS 3542</td>
<td>Physiological Aspects of Exercise</td>
<td>4</td>
</tr>
<tr>
<td>KINS 3543</td>
<td>Biomechanical Analysis of Movement</td>
<td>4</td>
</tr>
<tr>
<td>KINS 3230</td>
<td>Motor Control, Coordination, and Skill</td>
<td>3</td>
</tr>
<tr>
<td>or KINS 4231</td>
<td>Fitness Evaluation and Exercise Prescription</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours: 18

**OPTION 2 - Coaching Behavior Emphasis**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 3430</td>
<td>Principles of Coaching</td>
<td>3</td>
</tr>
<tr>
<td>KINS 3431</td>
<td>Psychology of Coaching</td>
<td>3</td>
</tr>
<tr>
<td>KINS 4420</td>
<td>Sport Conditioning Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>KINS 4730</td>
<td>Coaching Practicum</td>
<td>3</td>
</tr>
<tr>
<td>Select two of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KINS 3426</td>
<td>Coaching Baseball and Softball</td>
<td>4</td>
</tr>
<tr>
<td>KINS 3427</td>
<td>Coaching Basketball</td>
<td></td>
</tr>
<tr>
<td>KINS 3428</td>
<td>Coaching Football</td>
<td></td>
</tr>
<tr>
<td>KINS 3429</td>
<td>Coaching Olympic Sports</td>
<td></td>
</tr>
<tr>
<td>KINS 4421</td>
<td>Principles of Officiating</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours: 15

**Policies, Requirements and Standards - Gerontology**

Students who complete the application for admission to the certificate program and return it to the Department of Health Science and Kinesiology will be invited to meet with an assigned faculty member to discuss the proposed program of study. A minimum grade of C or better must be earned in each course for the certificate to be awarded on the undergraduate level. The gerontology certificate program consists of six courses (18 semester hours), and all courses listed are pre- or co-requisites to GERO 5520.

**Health Sciences B.H.S.**

(Concentration in General Health Science)

**Degree Requirements: 124 Credit Hours**

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCA 4620</td>
<td>Prin Of Man/Health Srvs Admin</td>
<td></td>
</tr>
<tr>
<td>HSCC 2500</td>
<td>Health Issues and Resources</td>
<td></td>
</tr>
<tr>
<td>Health Informatics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HITC 3000</td>
<td>Introduction to Health Informatics</td>
<td></td>
</tr>
</tbody>
</table>

**Gerontology Certificate**

**Contact**

Dr. TimMarie Williams, Department of Health Sciences and Kinesiology
Armstrong Campus, University Hall
(912) 344-2548

**Certificate Requirements: 18 Credit Hours**

The program provides students with a multi-disciplinary background in aging and offers an opportunity to explore aspects of aging relevant to personal interests and career goals.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERO 5500</td>
<td>Survey of Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>GERO 5510</td>
<td>Healthy Aging</td>
<td>3</td>
</tr>
<tr>
<td>GERO 5520</td>
<td>Gerontology Practicum</td>
<td>1-3</td>
</tr>
<tr>
<td>Select 3 of the following courses or other advisor approved elective course(s) at the 3000 to 5000 level such as:</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>HSCG 4130</td>
<td>Nutrition</td>
<td></td>
</tr>
<tr>
<td>SMED 5555</td>
<td>Physical Activity in Disease Prevention/ Treatment</td>
<td></td>
</tr>
<tr>
<td>HSCC 4950</td>
<td>Practicum</td>
<td></td>
</tr>
<tr>
<td>HSCF 3710</td>
<td>Worksite Wellness and Safety</td>
<td></td>
</tr>
</tbody>
</table>

**Health and Human Development**

**Health Weight Management and Body Composition**

**Death and Dying**

**Life Course**

**Aging Programs and Policy**

**Death and Dying**

**Health Sciences B.H.S.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>HSCA 4620</td>
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</tr>
<tr>
<td>Health Informatics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HITC 3000</td>
<td>Introduction to Health Informatics</td>
<td></td>
</tr>
</tbody>
</table>
Guided Electives

Select 18 credit hours of Guided Electives from the following:

- BIOL 1107 Principles of Biology I
- BIOL 2081 Human Anatomy and Physiology I
- BIOL 2082 Human Anatomy and Physiology II
- BIOL 2240 Microbiology
- BIOL 2275 Microorganisms and Disease
- CHEM 1211 Principles of Chemistry I
- CHEM 1212 Principles of Chemistry II
- CHEM 2400 Fundamentals of Organic Chemistry and Biochemistry
- COMM 1110 Public Speaking
- DDTS 2001 Intro to Diag and Therap Scien (with labs)
- GERO 5510 Healthy Aging
- HITC 4100 Analysis of Healthcare Data
- HITC 4700 Introduction to Project Management
- HITC 4750 Principles of Knowledge Management and Decision Support
- HLPR 2000 Intro Research in Health Prof
- HSCA 3600 Financial Management for Health-Related Organizations
- HSCA 4201 Health Care Marketing
- HSCA 4600 Prin Of Human Resources Manage
- HSCA 4610 Health Care Economics
- HSCA 4630 Health Information Systems
- HSCA 4655 Principles of Health Insurance and Reimbursement
- HSCC 3110 Legal Iss In Hlth Care Environ
- HSCC 3130 Health Policy Issues
- HSCC 3140 Epidemiology
- HSCC 3760 Environmental and Community Health Issues
- HSCC 4005 Interprofessional Patient Advocacy Internship
- HSCC 4950 Practicum
- HSCF 4030 Health/Fitness Management
- HSCG 4132 Strategies for the Prevention of Chemical Dependency
- HSCG 4133 Women and Minority Health Issues
- HSCG 4134 Health and Sexuality
- HSCF 4020 Health and Fitness Entrepreneurship
- HSCF 4030 Health/Fitness Management
- HSCP 2000 Ethical Theories/Moral Issues in Health
- HSCP 3710 Worksite Wellness And Safety
- HSCP 4000 Indep Study In Health Science
- HSCP 4010 Health and Human Development
- KINS 2533 Pathophysiology
- MATH 1001 Quantitative Reasoning
- MATH 1111 College Algebra
- MATH 1113 Pre-Calculus Mathematics

Total Credit Hours: 124

1 If STAT 1401 is taken in Area D, select 3 credit hours from the list of courses.

Admission Requirements

In addition to a completed health sciences program application made to the department, students must seek regular admission to Georgia Southern University. Students must be eligible for quantitative reasoning (MATH 1001) or Composition I (ENGL 1101), and must undergo a formal interview conducted by a health sciences faculty member.

Progress Requirements

All students are required to submit evidence of liability insurance and a health assessment prior to beginning their practicum. Students must complete the degree program within six consecutive years from the date of their initial admission to the major. Students who do not complete the program within this time limit must apply for readmission, meet current criteria for admission, and have their previous credits calculated. Students who are granted readmission must meet course requirements in effect at the time of readmission. A minimum grade of C or better must be earned in each course in the major.

It is recommended that all bachelor of health science students have current CPR certification at the time of graduation.

Advisement

For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Health Sciences B.H.S.
(Concentration in Health Informatics)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Additional Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Area F - Courses Appropriate to Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

| IT 1130      | Introduction to Information Technology |
| IT 2430      | Data Programming I                     |
| IT 2531      | Introduction to Cyber Security          |
| MATH 1401    | Intro to Statistics                     |
complete the program within this time limit must apply for readmission, meet current criteria for admission, and have their previous credits calculated. Students who are granted readmission must meet course requirements in effect at the time of readmission. A minimum grade of C or better must be earned in each course in the major.

Senior students must successfully complete the bachelor of health science exit exam, as well as the university's general education exit exam, during the last semester before graduation. It is recommended that all bachelor of health science students have current CPR certification at the time of graduation.

Advisement
For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Health Sciences B.H.S.
(Concentration in Health Services Administration)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core Areas A - E) 42

Additional Requirements 4

Area F - Courses Appropriate to Major 18

ACCT 2030 Survey of Accounting
HSCC 2200 Health Communication
HSCC 2300 Management of Health Information
HSCC 2500 Health Issues and Resources
STAT 1401 Elementary Statistics
RESP 2110 Medical Terminology

If STAT 2231 is taken in Area D, select 3 credit hours from the following:

ANTH 1102 Introduction to Anthropology
ECON 1101 Survey of Economics
ECON 2101 Principles of Macroeconomics
ECON 2106 Principles of Microeconomics
PSYC 1101 Introduction to Psychology
SOCI 1101 Introduction to Sociology

Total Credit Hours 124

Admission Requirements
In addition to a completed health sciences program application made to the department, students must seek regular admission to Georgia Southern University. Students must be eligible for College Algebra (MATH 1111) or Composition I (ENGL 1101), and must undergo a formal interview conducted by a health sciences faculty member.

Progression Requirements
All students are required to submit evidence of liability insurance and a health assessment prior to beginning their practicum.

Students must complete the degree program within six consecutive years from the date of their initial admission to the major. Students who do not
### Health Sciences B.H.S. (Concentration in Human Performance/Fitness Management)

**Degree Requirements: 124 Credit Hours**

See Core Curriculum for required courses in Area A1 through Area E.

#### General Requirements (Core Areas A - E)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT</td>
<td>2030 Survey of Accounting</td>
</tr>
<tr>
<td>BIOL</td>
<td>2081 Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL</td>
<td>2082 Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>HSCF</td>
<td>2015 Introduction to Human Performance &amp; Fitness Management</td>
</tr>
<tr>
<td>STAT</td>
<td>1401 Elementary Statistics</td>
</tr>
<tr>
<td>RESP</td>
<td>2110 Medical Terminology</td>
</tr>
</tbody>
</table>

#### Area F - Courses Appropriate to Major

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT</td>
<td>2030 Survey of Accounting</td>
</tr>
<tr>
<td>BIOL</td>
<td>2081 Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL</td>
<td>2082 Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>HSCF</td>
<td>2015 Introduction to Human Performance &amp; Fitness Management</td>
</tr>
<tr>
<td>STAT</td>
<td>1401 Elementary Statistics</td>
</tr>
<tr>
<td>RESP</td>
<td>2110 Medical Terminology</td>
</tr>
</tbody>
</table>

#### Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCA</td>
<td>4620 Prin Of Man/Health Svrs Admin</td>
</tr>
<tr>
<td>HSCA</td>
<td>4630 Health Information Systems</td>
</tr>
<tr>
<td>HSCA</td>
<td>4655 Principles of Health Insurance and Reimbursement</td>
</tr>
<tr>
<td>HSCA</td>
<td>4660 Survey of Health Outcomes</td>
</tr>
<tr>
<td>MHS A</td>
<td>5800 Comparative Health Care System</td>
</tr>
<tr>
<td>Select 9 credit hours from the following:</td>
<td>27</td>
</tr>
<tr>
<td>ECON</td>
<td>2105 Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON</td>
<td>2106 Principles of Microeconomics</td>
</tr>
<tr>
<td>GERO</td>
<td>5510 Healthy Aging</td>
</tr>
<tr>
<td>HSCC</td>
<td>4005 Interprofessional Patient Advocacy Internship</td>
</tr>
<tr>
<td>HSCC</td>
<td>4950 Practicum</td>
</tr>
<tr>
<td>HSCF</td>
<td>3710 Worksite Wellness and Safety</td>
</tr>
<tr>
<td>HSCG</td>
<td>4130 Nutrition</td>
</tr>
<tr>
<td>HSCG</td>
<td>4133 Women and Minority Health Issues</td>
</tr>
<tr>
<td>HSCP</td>
<td>2050 Introduction to the Disease Continuum</td>
</tr>
<tr>
<td>HSCP</td>
<td>4000 Indep Study In Health Science</td>
</tr>
<tr>
<td>PSYC</td>
<td>3338 Leadership and Group Dynamics</td>
</tr>
<tr>
<td>SPAN</td>
<td>1001 Elementary Spanish I</td>
</tr>
<tr>
<td>SPAN</td>
<td>1002 Elementary Spanish II</td>
</tr>
</tbody>
</table>

Total Credit Hours: 124

### Admission Requirements

In addition to a completed health sciences program application made to the department, students must seek regular admission to Georgia Southern University. Students must be eligible for Quantitative Reasoning (MATH 1001) or Composition I (ENGL 1101), and must undergo a formal interview conducted by a health sciences faculty member.

### Progression Requirements

All students are required to submit evidence of liability insurance and a health assessment prior to beginning their practicum.

Students must complete the degree program within six consecutive years from the date of their initial admission to the major. Students who do not complete the program within this time limit must apply for readmission, meet current criteria for admission, and have their previous credits calculated. Students who are granted readmission must meet course requirements in effect at the time of readmission. A minimum grade of C or better must be earned in each course in the major.

It is recommended that all bachelor of health science students have current CPR certification at the time of graduation.

### Advisement

For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

**Health Sciences B.H.S. (Concentration in Human Performance/Fitness Management)**

#### Additional Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT</td>
<td>2030 Survey of Accounting</td>
</tr>
<tr>
<td>BIOL</td>
<td>2081 Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL</td>
<td>2082 Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>HSCF</td>
<td>2015 Introduction to Human Performance &amp; Fitness Management</td>
</tr>
<tr>
<td>STAT</td>
<td>1401 Elementary Statistics</td>
</tr>
<tr>
<td>RESP</td>
<td>2110 Medical Terminology</td>
</tr>
</tbody>
</table>

**Related Concentration Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCF</td>
<td>3005 Applied Musculoskeletal Anatomy and Kinesiology</td>
</tr>
<tr>
<td>HSCF</td>
<td>3200 Exercise Physiology</td>
</tr>
<tr>
<td>HSCF</td>
<td>3205 Advanced Exercise Physiology</td>
</tr>
<tr>
<td>HSCF</td>
<td>3500 Applied Kinesiology and Biomechanics</td>
</tr>
<tr>
<td>HSCF</td>
<td>3710 Worksite Wellness and Safety</td>
</tr>
<tr>
<td>HSCF</td>
<td>4010 Evaluation and Prescription in Exercise &amp; Sport</td>
</tr>
<tr>
<td>HSCF</td>
<td>4020 Health and Fitness Entrepreneurship</td>
</tr>
<tr>
<td>HSCF</td>
<td>4030 Health/Fitness Management</td>
</tr>
<tr>
<td>HSCF</td>
<td>4040 Personal Fitness Training</td>
</tr>
<tr>
<td>SMED</td>
<td>5555 Physical Activity in Disease Prevention/Treatment</td>
</tr>
</tbody>
</table>

Select 9 credit hours from the following:

- SMED 5015 Assessment and Evaluation of Musculoskeletal Injuries
- SMED 5065 Movement and Posture Assessment and Exercise
- SMED 5090 Nutritional Issues in Sports Medicine
- SMED 5600 Health Weight Management and Body Composition

**Free Electives**

Select 11 credit hours of Free Electives

Total Credit Hours: 124

### Admission Requirements

In addition to a completed health sciences program application made to the department, students must seek regular admission to Georgia Southern University. Students must be eligible for Quantitative Reasoning (MATH 1001) or Composition I (ENGL 1101), and must undergo a formal interview conducted by a health sciences faculty member.

### Progression Requirements

All students are required to submit evidence of liability insurance and a health assessment prior to beginning their practicum. Students must complete the degree program within six consecutive years from the date of their initial admission to the major. Students who do not complete the program within this time limit must apply for readmission, meet current criteria for admission, and have their previous credits calculated. Students who are granted readmission must meet course requirements in effect at the time of readmission. A minimum grade of C or better must be earned in each course in the major.
It is recommended that all bachelor of health science students have current CPR certification at the time of graduation.

Advisement
For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Health Sciences B.H.S. (Emphasis in Gerontology)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
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<tbody>
<tr>
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<td>Additional Requirements</td>
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<td>Area F - Courses Appropriate to Major</td>
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<tr>
<td>HLPR 2010</td>
<td>Cult Illns Disg &amp; Trtmnt</td>
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<tr>
<td>HSCC 2300</td>
<td>Management of Health Information</td>
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<tr>
<td>HSCC 2500</td>
<td>Health Issues and Resources</td>
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<tr>
<td>HSCP 2050</td>
<td>Introduction to the Disease Continuum</td>
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<td>RESP 2110</td>
<td>Medical Terminology</td>
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<td>STAT 1401</td>
<td>Elementary Statistics (or approved elective if taken in D1#)</td>
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<td>Major Requirements</td>
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<tr>
<td>HLPR 3200</td>
<td>Interprofessional Teams in Healthcare Organizations</td>
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<tr>
<td>HSCC 3000</td>
<td>Special Topics in Health Science</td>
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<tr>
<td>HSCC 3100</td>
<td>Research Methods</td>
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<td>HSCC 4020</td>
<td>Seminar in Professional Issues</td>
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<tr>
<td>HSCP 4130</td>
<td>Nutrition</td>
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<tr>
<td>HSCP 3750</td>
<td>Population Health Sciences</td>
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<td>GER 5500</td>
<td>Survey of Gerontology</td>
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<td>GERO 5510</td>
<td>Healthy Aging</td>
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<td>GERO 5520</td>
<td>Gerontology Practicum (with Portfolio Requirement)</td>
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<td>HSCC 3140</td>
<td>Epidemiology</td>
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<td>HSCC 3110</td>
<td>Legal Iss In Hlth Care Environ</td>
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<tr>
<td>HSCP 4000</td>
<td>Indep Study In Health Science</td>
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<tr>
<td>SMED 5555</td>
<td>Physical Activity in Disease Prevention/ Treatment</td>
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<td>SMED 5600</td>
<td>Health Weight Management and Body Composition</td>
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<td>Select 18 credit hours of Guided Electives</td>
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<tr>
<td>HITC 3000</td>
<td>Introduction to Health Informatics</td>
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<td>HSCA 4610</td>
<td>Health Care Economics</td>
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<td>HSCA 4655</td>
<td>Principles of Health Insurance and Reimbursement</td>
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<tr>
<td>HSCG 4131</td>
<td>Introduction to International Health</td>
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</tr>
<tr>
<td>HSCG 4133</td>
<td>Women and Minority Health Issues</td>
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</tr>
<tr>
<td>HSCG 4134</td>
<td>Health and Sexuality</td>
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<tr>
<td>HSCP 2000</td>
<td>Ethical Theories/Moral Issues in Health</td>
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<td>PSYC 3101</td>
<td>Abnormal Psychology</td>
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<td>PSYC 3339</td>
<td>Older Adult Developmental Psychology</td>
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<td>SOCI 4235</td>
<td>Aging Programs and Policies</td>
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<tr>
<td>SPAN 1001</td>
<td>Elementary Spanish I</td>
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</tr>
<tr>
<td>SPAN 1002</td>
<td>Elementary Spanish II</td>
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<td>Total Credit Hours</td>
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Nutrition and Food Science B.S. (Emphasis in Community Nutrition)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core A - E)</th>
<th>42</th>
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<tr>
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<td></td>
<td>Area F - Courses Appropriate to Major</td>
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<tr>
<td>ACCT 2030</td>
<td>Survey of Accounting</td>
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<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
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<td>KINS 2511</td>
<td>Human Anatomy and Physiology I Laboratory</td>
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<td>KINS 2512</td>
<td>Human Anatomy and Physiology II Laboratory</td>
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<tr>
<td>KINS 2532</td>
<td>Human Anatomy and Physiology II</td>
<td></td>
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<td>NTFS 2534</td>
<td>Introductory Food Science</td>
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<td></td>
<td>Major Requirements</td>
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<tr>
<td>BIOL 2240</td>
<td>Microbiology</td>
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<td>BCHM 3200</td>
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<td>CHEM 3401</td>
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<tr>
<td>CHEM 3402</td>
<td>Organic Chemistry II</td>
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<td>HLTH 2510</td>
<td>Medical Terminology</td>
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<td>NTFS 2514</td>
<td>Professional Practice Strategies</td>
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<td>NTFS 2515</td>
<td>Professional Etiquette</td>
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<td>NTFS 3534</td>
<td>Human Nutrition</td>
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<td>NTFS 3535</td>
<td>Life Cycle Nutrition</td>
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<td>NTFS 3536</td>
<td>Meal Management</td>
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<td>NTFS 4536</td>
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<td>Community Nutrition Emphasis</td>
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<td>NTFS 4533</td>
<td>Applied Nutrition Therapy</td>
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<td>NTFS 4535</td>
<td>Community Nutrition</td>
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<tr>
<td>NTFS 4610</td>
<td>Nutrition and Food Science Senior Seminar</td>
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<tr>
<td>NTFS 4630</td>
<td>Cultural Foods</td>
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<tr>
<td>PUBH 2131</td>
<td>Introduction to Community and Public Health</td>
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<tr>
<td>PUBH 4134</td>
<td>Research Methods and Evaluation in Health Education and Promotion</td>
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<td>Select 9 credit hours from the following Guided Electives:</td>
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<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
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<td>NTFS 3630</td>
<td>Sports Nutrition</td>
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<td>NTFS 3631</td>
<td>Sustainable Foods</td>
<td></td>
</tr>
<tr>
<td>NTFS 4195</td>
<td>International Studies Abroad in Health and Kinesiology</td>
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<tr>
<td>NTFS 4899</td>
<td>Directed Individual Study</td>
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<tr>
<td>PUBH 3131</td>
<td>Chronic Diseases: A Modern Epidemic</td>
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<tr>
<td>PUBH 3231</td>
<td>Epidemiology and Biostatistics</td>
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</tbody>
</table>
Nutrition and Food Science Core

BIOL 2240 Microbiology
CHEM 3401 Organic Chemistry I
CHEM 3402 Organic Chemistry II
BCHM 3200 Principles of Biochemistry

Dietetics Emphasis

KINS 2533 Pathophysiology
NTFS 3537 Advanced Food Science
NTFS 3538 Quantity Food Systems Administration
NTFS 3730 Quantity Food Practicum
NTFS 4534 Medical Nutrition Therapy I
NTFS 4535 Community Nutrition
NTFS 4537 Experimental Food Science
NTFS 4538 Medical Nutrition Therapy II
NTFS 4611 Dietetics Senior Seminar

Restricted Electives

KINS 2531 Human Anatomy and Physiology I
& KINS 2511 Human Anatomy and Physiology I Laboratory
KINS 2532 Human Anatomy and Physiology II
& KINS 2512 Human Anatomy and Physiology II Laboratory
PSYC 1101 Introduction to Psychology
STAT 1401 Elementary Statistics

Guided Electives

CHEM 1211K Principles of Chemistry I
NTFS 3630 Sports Nutrition
NTFS 4630 Cultural Foods

Total Credit Hours 124

Honors in Nutrition and Food Science

To graduate with Honors in Nutrition and Food Science a student must:

• Be admitted to the University Honors Program;
• Successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters
• Successfully complete and present an Honors Thesis or Capstone Project;
• Be in good standing in the University Honors Program at the time of graduation

Program Admission Criteria

• 2.0 GPA for Community Nutrition and Food Science/Food Service Administration Emphases.

Program Progression Requirements

• Students must earn a minimum grade of “C” in all courses in Area F and within the major including non-major requirements.
• Students must also earn a minimum grade of “C” in a prerequisite course prior to registering for an advanced course.

Advisement

For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Nutrition and Food Science B.S. (Emphasis in Dietetics)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

Credit Hours

General Requirements (Core A - E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major 18
Major Requirements 60

Honors in Nutrition and Food Science

To graduate with Honors in Nutrition and Food Science a student must:

• Be admitted to the University Honors Program;
• Successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters
• Successfully complete and present an Honors Thesis or Capstone Project;
• Be in good standing in the University Honors Program at the time of graduation

Program Admission Criteria

• 2.0 GPA for Community Nutrition and Food Science/Food Service Administration Emphases.
• See below for admission criteria for the Dietetics Emphasis.

Program Progression Requirements

• Students must earn a minimum grade of “C” in all courses in Area F and within the major including non-major requirements.
• Students must also earn a minimum grade of “C” in a prerequisite course prior to registering for an advanced course.
• See below for additional program progression requirements for the Dietetics Emphasis.

Note: Nutrition and food science students who transfer courses in with less than a “C” grade may be required to repeat those courses to meet prerequisite and major requirements.
Initially accredited Didactic Program in Dietetics (DPD), Accreditation Council for Education in Nutrition and Dietetics (ACEND), Academy of Nutrition and Dietetics (AN&D).

120 S. Riverside Plaza, Suite 2190
Chicago, IL 60606-6995
Phone: (800) 877-1600
Web: http://www.eatright.org

Dietetics Emphasis (Didactic Program in Dietetics) Admission Criteria

- Attain admission to Georgia Southern University.
- Have a minimum of second semester sophomore status (45 credit hours completed) upon applying for the program.
- Achieve a minimum overall GPA of 3.0 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered).
- Complete a minimum of the following courses with a minimum grade of “C”:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2030</td>
<td>Survey of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
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<tr>
<td>KINS 2531</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
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<tr>
<td>&amp; KINS 2511</td>
<td>Human Anatomy and Physiology I Laboratory</td>
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<td>NTFS 2514</td>
<td>Professional Practice Strategies</td>
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<td>NTFS 2534</td>
<td>Introductory Food Science</td>
<td>3</td>
</tr>
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<td>NTFS 3534</td>
<td>Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>STAT 1401</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

- Students transferring in from an ACEND-accredited Didactic Program in Dietetics from another school are required to have their transcript(s) evaluated by the Didactic Program in Dietetics (DPD) Director who is responsible for determining which dietetics courses remain to be taken and which dietetics courses receive transfer credit hour. Adequate time must be allowed for scheduling, review and notification. Students from other institutions are bound by admission and progression requirements of the Dietetics program at Georgia Southern University.

Application Process for Admission to the Dietetics Emphasis (Didactic Program in Dietetics)

Admission to the program is made for the Fall semester. The following completed Admission Package must be turned in to the DPD Director in order for the candidate to be considered:

1. Official Application
2. Letter of Intent
3. Verification of grades with official transcripts of all schools attended including this university (WINGS accepted); mid-term verification of grades for all required courses in process. (Students in the process of taking any of the prerequisite courses for the emphasis will be required to submit a mid-term grade from the professor. Final acceptance into the program is contingent upon the final grade received in the courses.)
4. Completion of an interview with Didactic Program in Dietetics faculty, basic nutritional math skills examination, and nutrition-related language skills writing assessment.

**MEETING MINIMUM REQUIREMENTS IS NOT A GUARANTEE OF ACCEPTANCE INTO THE PROGRAM.

Program Progression Requirements

1. Students must earn a minimum grade of “C” in all courses within the major requirements including remaining Area F courses.
2. Students must maintain a 2.8 overall GPA. An admitted student whose overall GPA falls below 2.8 will be on probation for one semester. If the student's GPA remains below 2.8 after the probation semester, the student will be dropped from the program. The student may be re-admitted to the program only by the application process outlined above.
3. Students must complete the courses in sequence and complete all prerequisites. If a course is dropped or failed, then the student will be out of sequence and graduation will be delayed. These students may have to reapply to the dietetics emphasis depending on circumstances, availability of space, and time elapsed between classes.
4. Majors that drop from the program due to personal reasons and wish to reapply at a later date must have courses and skills reevaluated to determine eligibility for the current curriculum and program.

Program Graduation Requirements

1. A Bachelor of Science degree will be awarded upon meeting all degree requirements.
2. Graduation with a Bachelor of Science degree with a major in Nutrition and Food Science and an emphasis in Dietetics is not a guarantee of completion of all requirements of the Didactic Program in Dietetics (DPD). In accordance with the Accreditation Council for Education in Nutrition and Dietetics (ACEND), a graduate of the DPD must also pass all learning objectives of the program established to meet the Knowledge Requirements in Dietetics and Nutrition (KRDN) of ACEND in effect at the time of admission to the program to be granted a Verification Statement of DPD Completion. For example, it is possible for a student to pass a course yet fail to pass a specific learning objective within that course. In such cases, a student would be remediated by the Program Director and would have one semester after completion of degree requirements to pass all learning objectives of the program. Any student not meeting this ACEND requirement will be dropped from the program with no further consideration for re-admittance at a later date.

Advisement

For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Nutrition and Food Science B.S. (Emphasis in Food Science/Food Systems Administration)

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.
Nutrition and Food Science Minor

Credit Hours

General Requirements (Core A - E) .................................................. 42
Additional Requirements .............................................................. 4
Area F - Courses Appropriate to Major ......................................... 18

ACCT 2030 Survey of Accounting
CHEM 1212K Principles of Chemistry II
KINS 2511 Human Anatomy and Physiology I Laboratory
KINS 2512 Human Anatomy and Physiology II Laboratory
KINS 2531 Human Anatomy and Physiology I
KINS 2532 Human Anatomy and Physiology II
NTFS 2534 Introductory Food Science

Major Requirements ................................................................. 60

Nutrition and Food Science Core
BCHM 3200 Principles of Biochemistry
BIOL 2240 Microbiology
CHEM 3401 Organic Chemistry I
CHEM 3402 Organic Chemistry II
HLTH 2510 Medical Terminology
NTFS 2514 Professional Practice Strategies
NTFS 2515 Professional Etiquette
NTFS 3534 Human Nutrition
NTFS 3535 Life Cycle Nutrition
NTFS 3536 Meal Management
NTFS 4536 Metabolic Nutrition

Food Science/Food Systems Administration Emphasis
ECON 2106 Principles of Microeconomics
MKTG 3131 Principles of Marketing
NTFS 3537 Advanced Food Science
NTFS 3538 Quantity Food Systems Administration
NTFS 3730 Quantity Food Practicum
NTFS 4533 Applied Nutrition Therapy
NTFS 4537 Experimental Food Science
NTFS 4610 Nutrition and Food Science Senior Seminar

Select 3 credit hours from the following Guided Electives:

BUSA 3131 Foundations of Business Analytics I
BUSA 3132 Foundations of Business Analytics II
CHEM 1211K Principles of Chemistry I
CISM 2530 Advanced Business Applications
MGNT 3334 Human Resource Management
MGNT 4333 Human Resource Information Systems
NTFS 3631 Sustainable Foods
NTFS 4195 International Studies Abroad in Health and Kinesiology
NTFS 4535 Community Nutrition
NTFS 4539 Issues and Trends in Food Science
NTFS 4630 Cultural Foods
NTFS 4899 Directed Individual Study

Total Credit Hours ........................................................................ 124

Honors in Nutrition and Food Science

To graduate with Honors in Nutrition and Food Science a student must:

• Be admitted to the University Honors Program;
• Successfully complete at least three credit hours of Honors Research Seminar (HONS 4610) over three semesters
• Successfully complete and present an Honors Thesis or Capstone Project;
• Be in good standing in the University Honors Program at the time of graduation

Program Admission Criteria

• 2.0 GPA for Community Nutrition and Food Science/Food Service Administration Emphases.

Program Progression Requirements

• Students must earn a minimum grade of “C” in all courses in Area F and within the major including non-major requirements.
• Students must also earn a minimum grade of “C” in a prerequisite course prior to registering for an advanced course.

Advisement

For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Nutrition and Food Science Minor

Contact

Dr. John Dobson, Interim Chair,
Department of Health Sciences and Kinesiology
Statesboro Campus, Hollis Building, Room 2115
(912) 478-0200

Minor Program

Credit Hours

NTFS 2534 Introductory Food Science ........................................... 3
NTFS 2530 Nutrition and Health ................................................... 3
Select three of the following: ...................................................... 9

NTFS 3535 Life Cycle Nutrition
NTFS 3630 Sports Nutrition
NTFS 3631 Sustainable Foods
NTFS 4533 Applied Nutrition Therapy
NTFS 4535 Community Nutrition
NTFS 4630 Cultural Foods
NTFS 4899 Directed Individual Study

Total Credit Hours ........................................................................ 15

The Nutrition and Food Science Minor is open to any student interested in Nutrition and Food Science.

Sport Management B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

Credit Hours

General Requirements (Core A - E) ............................................. 42
Additional Requirements .......................................................... 4
Area F - Courses Appropriate to Major ...................................... 18
ACCT 2030 Survey of Accounting
<table>
<thead>
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<th>Course Title</th>
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<td>CISM 2530</td>
<td>Advanced Business Applications</td>
</tr>
<tr>
<td>COMM 1110</td>
<td>Public Speaking</td>
</tr>
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<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>SMGT 2130</td>
<td>Introduction to Sport Management</td>
</tr>
<tr>
<td>STAT 1401</td>
<td>Elementary Statistics</td>
</tr>
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</table>

**Major Requirements 60**

**Sport Management Core**
- SMGT 2230 Social Issues of Sport
- SMGT 3236 Financial Management of Sport
- SMGT 3238 Management of Sport Organizations
- SMGT 3735 Sport Management Practicum (Proposed Course - SMGT Practicum)
- SMGT 4330 Facility and Event Management
- SMGT 4337 Legal Aspects of Sport
- SMGT 4735 Sport Management Internship

**Sport Management Concentrations (Students must choose one concentration)**

### Sport Marketing & Revenue Generation Concentration
- SMGT 3330 Sport Promotion and Marketing
- SMGT 3531 Brand Management in Sport (Proposed Course - Brand Management in Sport)
- SMGT 4531 Data Driven Sales in Sport Organizations (Proposed Course - Data Driven Sales in Sport Organizations)
- SMGT 4533 Sport Ticket and Sponsorship Sales (Proposed Course - Sport Ticket & Sponsorship Sales)

**Guided Electives (6 credit hours)**

### Sport Development Concentration
- SMGT 3530 Principles of Sport Development (Proposed Course - Principles of Sport Development)
- SMGT 3532 Leadership and Programming in Sport Development (Proposed Course - Leadership & Programming in Sport Development)
- SMGT 4338 Sport Policy Development
- SMGT 4532 Assessment and Evaluation in Sport Development (Proposed Course - Assessment & Evaluation in Sport Development)

**Guided Electives (6 credit hours)**

### Athletic Administration Concentration
- Choose two courses from SMGT 3330, 3531, 3533, 4531, 4533
- Choose two courses from SMGT 3530, 3532, 3533, 4338, 4532

**Non-Sport Management Courses**
- Choose 3 credit hours from the following Guided Electives:
  - BUSA 1105 Introduction to Business
  - BUSA 3131 Foundations of Business Analytics I
  - BUSA 3132 Foundations of Business Analytics II
  - FINC 3131 Principles of Corporate Finance
  - Foreign Language 1001: Elementary I
  - Foreign Language 1002: Elementary II
  - Foreign Language 2001: Intermediate I
  - Foreign Language 2002: Intermediate II
  - KINS 3426 Coaching Baseball and Softball

- KINS 3427 Coaching Basketball
- KINS 3428 Coaching Football
- KINS 3429 Coaching Olympic Sports
- KINS 3430 Principles of Coaching
- KINS 3431 Psychology of Coaching
- KINS 4420 Sport Conditioning Laboratory
- KINS 4421 Principles of Officiating
- KINS 4730 Coaching Practicum
- MGMT 3130 Principles of Management
- MGMT 3134 Behavior in Organizations
- MGMT 3234 Fundamentals of Entrepreneurship
- HONS 4610 Honors Research Seminar
- MGMT 4230 International Management
- MGMT 4234 Intermediate Entrepreneurship
- MKTG 3131 Principles of Marketing
- MKTG 3132 Principles of Advertising
- MKTG 3133 Professional Selling
- MKTG 3134 Business Marketing
- MKTG 4133 Sales Management
- MKTG 4134 Services Marketing
- MKTG 4135 Consumer Behavior
- MKTG 4136 International Marketing
- MKTG 4137 Marketing Management
- MMFP 2335 Introduction to Media Writing
- MMJ 2331 Introduction to Journalism
- MMJ 3332 Feature Writing
- MMJ 4333 Opinion Journalism
- MMJ 4336 Digital Journalism
- PHIL 2010 Introduction to Philosophy
- PHIL 2030 Introduction to Ethics
- PSYC 1101 Introduction to Psychology
- RECR 4435 Managing Recreation Organizations
- RELS 2130 Introduction to Religious Studies
- SMGT 3330 Sport Promotion and Marketing (Can be taken as a guided elective in Sport Development and Athletic Administration concentrations)
- SMGT 3530 Principles of Sport Development (Can be taken as a guided elective in Marketing and Revenue Generation and Athletic Administration concentrations)
- SMGT 3531 Brand Management in Sport (Can be taken as a guided elective in Marketing and Revenue Generation and Athletic Administration concentrations)
- SMGT 3532 Leadership and Programming in Sport Development (Can be taken as a guided elective in Marketing and Revenue Generation and Athletic Administration concentrations)
- SMGT 3533 Intercollegiate Athletics Administration (Proposed Course - Intercollegiate Athletics Administration)
- SMGT 4090 Selected Topics in Sport Management
- SMGT 4338 Sport Policy Development (Can be taken as a guided elective in Marketing and Revenue Generation and Athletic Administration concentrations)
Department of Rehabilitation Sciences

Welcome to the Department of Rehabilitation Sciences located on Georgia Southern University Armstrong Campus in Savannah.

The department offers undergraduate (http://chp.georgiasouthern.edu/rehabilitation/undergraduate-majors) and accredited graduate programs (http://chp.georgiasouthern.edu/rehabilitation/graduate-programs) in rehabilitation sciences and communication sciences and a doctoral degree in physical therapy.

Our facilities include the RiteCare Center for Communication Disorders (http://chp.georgiasouthern.edu/rehabilitation/centers-and-labs/ritecare-center-for-communication-disorders), located in the Armstrong Center on the Armstrong Campus, and the 3200-square-foot, state-of-the-art Biodynamics and Human Performance Center (https://chp.georgiasouthern.edu/about CENTERS-and-outreach/biodynamics-and-human-performance-center) operated in collaboration with the Department of Health Sciences and Kinesiology. The Biodynamics and Human Performance Center comprises three specialized laboratories: the Biomechanics Laboratory, the Muscle Performance Laboratory and the Exercise Physiology Laboratory. Other facilities include an anatomy lab, a pulmonary function lab and a clinical athletic training facility. We have also recently acquired an Anatomage Medical Table, a state-of-the-art anatomy visualization system.

Programs

Majors

- Communication Sciences and Disorders B.S. (p. 215)
- Rehabilitation Sciences B.S. (p. 215)

Minors

No results were found.

Dr. Walter Jenkins, Department Head
Georgia Southern University Armstrong Campus in Savannah
Department #4902
11935 Abercorn Street Savannah, GA 31419
http://chp.georgiasouthern.edu/rehabilitation/

Communication Sciences and Disorders
Armstrong Campus
Phone: (912) 344-2969
Fax: (912) 344-3439

Rehabilitation Sciences and Physical Therapy
Armstrong Campus
Phone: (912) 344-2580
Fax: (912) 344-3439

RiteCare Center
Georgia Southern University Armstrong Campus
RiteCare Center Department #4903
13040 Abercorn Street, Suite 25
Savannah, GA 31419
Phone: (912) 344-2735 or (912) 344-2969
# Communication Sciences and Disorders B.S.

## Degree Requirements: 124 Credit Hours

See Core Requirements for required courses in Area A1 through E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>CHEM 1151K Survey of Chemistry I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSDS 1220 Intro To Comm Disorders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSDS 2220 Communication and Deafness</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HLPR 2000 Intro Research in Health Prof</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSCC 2200 Health Communication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSCC 2500 Health Issues and Resources</td>
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<td></td>
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<tr>
<td>Major Requirements</td>
<td>36</td>
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</tr>
<tr>
<td>CSDS 2230 Anat/Phys Speech/Hearing Mech</td>
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<td></td>
</tr>
<tr>
<td>CSDS 2240 Normal Speech/Lang Development</td>
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<tr>
<td>CSDS 2250 Phonetics</td>
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<td></td>
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<tr>
<td>CSDS 3400 Speech Science</td>
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<tr>
<td>CSDS 3410 Intro to Audiology</td>
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<tr>
<td>CSDS 3420 Language Disorders</td>
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<tr>
<td>CSDS 3430 Organ &amp; Neuro Based Comm Disor</td>
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<tr>
<td>CSDS 3440 Aural Rehabilitation</td>
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<tr>
<td>CSDS 3450 Speech Sound Disorders</td>
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<tr>
<td>CSDS 4050 Intercultural Communication</td>
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<tr>
<td>CSDS 4151 Clinical Writing for the Health Professions</td>
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<tr>
<td>CSDS 4190 Clin Methods Speech/Lang Path</td>
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<tr>
<td>Additional Course Requirements</td>
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<tr>
<td>GERO 5500 Survey of Gerontology</td>
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<tr>
<td>PSYC 3410 Introduction to Behavior Analysis</td>
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<tr>
<td>PSYC 3420 Principles of Behavior Change</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPED 3333 Introduction to Special Education</td>
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<tr>
<td>Electives</td>
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<tr>
<td>Select 12 credit hours of Electives</td>
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<tr>
<td>At least 6 hours of electives must be courses numbered 3000 or above.</td>
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<td></td>
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<tr>
<td>PSYC 1101 Introduction to Psychology (should be taken if not taken in Area E.)</td>
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<td></td>
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<tr>
<td>Total Credit Hours</td>
<td>124</td>
<td></td>
</tr>
</tbody>
</table>

## Admission Requirements

Admission to the Bachelor of Science degree requires regular admission to Georgia Southern University. Students must be eligible for MATH 1001 and ENGL 1101.

## Progression Requirements

Students must maintain an overall grade point average of 2.0. Students must also attain a grade of C or better in all required courses in Area F, the major courses, and related field courses. Students who receive a D or F in courses in Area F, the major courses, or related field courses are allowed to repeat these courses only once. Receiving a D or F in each of these courses more than once will result in dismissal from the Program. All students must complete the program exit examination during the last semester of undergraduate study.

---

# Honors in Communication Sciences and Disorders

To graduate with Honors in Communication Sciences and Disorders, a student must:

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of Honors Independent Study (CSDS 3470H) over three semesters;
- successfully complete and present an Honors Project prior to graduation;
- be in good standing in the University Honors Program at the time of graduation

## Special Requirements

- Students are required to complete a speech, language, and hearing screening administered by the program.
- Students in the Communication Sciences and Disorders program will interact with members of the community through required volunteer and clinical observation experiences. All students must demonstrate professional behaviors and adhere to the Code of Ethics of the American Speech-Language-Hearing Association.
  
  - Students are required to obtain twenty-five clinical observation hours verified with a signature by a certified audiologist or speech-language pathologist as required by the American Speech-Language-Hearing Association.
  - Students are also required to obtain 10 hours of volunteer activities that are unpaid and serve the University or the Community.

## Advisement

For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

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# Rehabilitation Sciences B.S.

## Degree Requirements: 124 Credit Hours

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core Areas A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>HLPR 2000 Intro Research in Health Prof</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 2081 Human Anatomy and Physiology I</td>
<td></td>
<td></td>
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<tr>
<td>BIOL 2082 Human Anatomy and Physiology II</td>
<td></td>
<td></td>
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<tr>
<td>Select one of the following lecture and lab courses:</td>
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<td></td>
</tr>
<tr>
<td>BIOL 1107 Principles of Biology I</td>
<td></td>
<td></td>
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<tr>
<td>BIOL 1107L Principles of Biology I Laboratory</td>
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<td></td>
</tr>
<tr>
<td>BIOL 1108 Principles of Biology II</td>
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<td></td>
</tr>
<tr>
<td>BIOL 1108L Principles of Biology Laboratory II</td>
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<td></td>
</tr>
<tr>
<td>CHEM 1211 Principles of Chemistry I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1211L Principles of Chemistry I Laboratory</td>
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<td></td>
</tr>
<tr>
<td>CHEM 1212 Principles of Chemistry II</td>
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<tr>
<td>CHEM 1212L Principles of Chemistry II Laboratory</td>
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<td></td>
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<tr>
<td>Major Requirements</td>
<td>3</td>
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</tr>
<tr>
<td>HLPR 3200 Interprofessional Teams in Healthcare Organizations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSCF 3005 Applied Musculoskeletal Anatomy and Kinesiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSCF 3200 Exercise Physiology</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Admissions

Admission to either Bachelor of Science degree requires regular admission to Georgia Southern University. Students must be eligible for College Algebra (MATH 1111) and Composition I (ENGL 1101).

Progression Requirements

- Students must attain a grade of C or better in all required courses in Area D, Area F, and the major area of study, and must maintain an overall minimum grade point average (GPA) of 2.0. However, students who are earning a GPA less than 2.5 should strongly consider another major, as most graduate programs will require a minimum GPA of 2.5 or higher.
- Students who receive a D or F in courses in Area D, Area F or the major area of study are allowed to repeat these courses only once. Receiving a D or F in any of these courses more than once will result in dismissal from the program.
- Students presently enrolled at Georgia Southern who are seeking admission to the Rehabilitation Science Bachelor's Degree program or students who are wishing to transfer into the Rehabilitation Science Bachelor's Degree program should have both an overall and science GPA of 2.5 or higher.

Advisement

For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

School of Nursing

The School of Nursing is nationally recognized as a top 100 nursing program¹ and is committed to helping meet the needs of the multicultural rural populations of the region by providing high quality nursing education programs. The nursing program incorporates high academic and ethical standards and a caring, learning environment for students consistent with the mission and objectives of the university. We are dedicated to graduating nursing professionals who are leaders and capable of meeting the health care challenges of the 21st century. Both the undergraduate and graduate curricula have innovative classroom, clinical, and community experiences to prepare students to promote the health of populations. The School of Nursing represents a strong and extraordinary community of excellent students, well-prepared faculty, dedicated staff, and supportive alumni and friends who promote and advance the quality, accessibility, and availability of nursing care for the people of southeast Georgia and beyond.

The baccalaureate degree in nursing, master's degree in nursing, Doctor of Nursing Practice and post-graduate APRN certificate at Georgia Southern University are accredited by the Commission on Collegiate Nursing Education (http://www.aacn.nche.edu/ccne-accreditation). All prelicensure programs are fully approved by the Georgia Board of Nursing. Georgia Southern University is accredited with the Southern Association of Colleges and Schools Commission on Colleges.

Mission & Vision

School of Nursing Mission Statement

The Mission of the Georgia Southern School of Nursing is to prepare a diverse student population to become professional nurses through academic excellence to promote health and enhance the quality of life for citizens in the rural and urban communities they serve.

School of Nursing Vision Statement

The School of Nursing aspires to be the premier center for academic excellence in professional nursing education for the Southeastern United States through transformative learning opportunities that promote a culture of caring and a legacy of lifelong scholarship, leadership and responsible community service and stewardship.

Accreditation

The Georgia Southern University School of Nursing is fully accredited by all appropriate national, state, and specialized/professional nursing accrediting agencies. Accrediting agencies assure that programs in nursing education engage in effective educational practices in the preparation of nurses. A determination of accreditation by an accrediting agency is an indication of confidence in the educational institution to offer a program of quality, deserving of public approbation. (NOTE: Universities and colleges in the United States must hold appropriate regional accreditation in order to be recognized to award higher education degrees. All nursing programs must hold approval from their State Board of Nursing. Voluntary program accreditation by one specialized/professional nursing accreditation body is highly desirable, particularly to assure graduates of continued educational and employment mobility.)

The Georgia Southern University holds the following accreditation and approvals:

1. Southern Association of Colleges and Schools Commission on Colleges of the (SACSCOC). This regional accreditation grants Georgia Southern University the right to award Associate, Bachelor, Master, Specialist, and Doctorate degrees.

The Georgia Southern University holds the following state and specialized/professional nursing accreditations:

2. Georgia Board of Nursing. (Required Approval). The Georgia Board of Nursing grants Full Approval to nursing programs who maintain compliance with the Georgia Board of Nursing Rules and Regulations as evidenced by: annual reports submitted by the program, site visit reports, and appropriate passing percentages of first-time writers on the NCLEX-RN examination. Inquiries regarding the accreditation status of the program can be directed to: Georgia Board of Nursing, 237 Coliseum Drive, Macon, GA 31217-3858. Phone: 912-207-1640. Active Current Approval Period.

3. Commission on Collegiate Nursing Education (CCNE). (Voluntary Specialized/Professional Accreditation). The Commission on Collegiate Nursing Education is the premier accrediting agency recognizing professional baccalaureate and graduate programs in nursing in the United States. Georgia Southern University School of Nursing is approved for its baccalaureate and graduate programs by the Commission on Collegiate Nursing Education. To be accredited, the following are required:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCP 4010</td>
<td>Health and Human Development</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 3101</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>RESP 2110</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>Rhabi 1000</td>
<td>Introduction to Rehabilitation Sciences</td>
<td>1</td>
</tr>
<tr>
<td>Rhabi 4000</td>
<td>Appl Of Research To Rehab Prof</td>
<td>3</td>
</tr>
<tr>
<td>Rhabi 4100</td>
<td>Neuroscience for the Rehabilitation Professions</td>
<td>3</td>
</tr>
<tr>
<td>Rhabi 4111</td>
<td>Pathophys For Rehab Prof I</td>
<td>3</td>
</tr>
<tr>
<td>Rhabi 4112</td>
<td>Pathophys For Rehab Prof II</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>15-18 credit hours must be at or above the 3000 level (only 18-21 if PSYC 1101 taken in area E).</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours: 124
a) The nursing program is viable and appears, based upon the review of submitted materials, to be conducted in a manner that will enable compliance with CCNE accreditation standards.

b) The institution has a history of seeking and ensuring continuing accreditation and program recognition by appropriate accrediting and regulatory agencies.

c) The institution has ensured the continuing viability of the nursing education program by being responsive to the concerns of accrediting and regulatory agencies.

For further information about the status of the program, please contact the Commission on Collegiate nursing Education at the following address:


Programs

 Majors

• Nursing Accelerated B.S.N. (p. 217)
• Nursing B.S.N. (p. 218)
• Nursing RN-BSN (p. 220)

Minors

No results were found.

School of Nursing
Georgia Southern University
Dr. Catherine Gilbert, School Chair and Associate Professor

Armstrong Campus
Department #4158
11935 Abercorn Street
Savannah, GA 31419

http://chp.georgiasouthern.edu/nursing/

Statesboro Campus
P.O. Box 8158
Statesboro, GA 30460

BSN
Armstrong Campus:
Phone: (912) 344-2585

Statesboro Campus:
Phone: (912) 478-5242
Fax: (912) 478-1159

ABSN and LPN-BSN
Phone: (912) 344-2575

RN-BSN
Phone: (912) 478-5479
Fax: (912) 478-0536

GRADUATE PROGRAMS
Statesboro Campus
Phone: (912) 478-0017

Fax: (912) 478-1679

Nursing Accelerated B.S.N.

Degree Requirements: 58 Credit Hours

Complete the following 58 credit hours in the major: 58

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NURS 4113</td>
<td>Research</td>
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</tr>
<tr>
<td>NUR 4201</td>
<td>Skills and Essentials of Nursing Practice</td>
<td>5</td>
</tr>
<tr>
<td>NURS 4202</td>
<td>Health Assessment</td>
<td>4</td>
</tr>
<tr>
<td>NURS 4203</td>
<td>Professional Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 4204</td>
<td>Comprehensive Pharmacology</td>
<td>5</td>
</tr>
<tr>
<td>NURS 4207</td>
<td>Adult Health Nursing I</td>
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</tr>
<tr>
<td>NURS 4208</td>
<td>Mental Health Nursing</td>
<td>6</td>
</tr>
<tr>
<td>NURS 4209</td>
<td>Women’s &amp; Children’s Nursing</td>
<td>6</td>
</tr>
<tr>
<td>NURS 4210</td>
<td>Community Health Nursing</td>
<td>5</td>
</tr>
<tr>
<td>NURS 4211</td>
<td>Adult Health Nursing II</td>
<td>7</td>
</tr>
<tr>
<td>NURS 4212</td>
<td>Leadership and Management Capstone</td>
<td>6</td>
</tr>
<tr>
<td>NURS 4214</td>
<td>Critical Analysis</td>
<td>1</td>
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</tbody>
</table>

Total Credit Hours: 58

Admission Requirements

Admission Criteria to the School of Nursing (SON) Accelerated BSN

1. A bachelor’s degree from an accredited university

2. Admission to Georgia Southern University

3. A grade point average of 3.2 on grades earned in Statistics, Anatomy and Physiology I and II, Microbiology, Pathophysiology, and Lifespan Development without repetition of failed science courses to achieve a passing grade.

4. Must achieve a score of at least 75% on the HESI Admission Assessment (A2) Exam in each of the following subject areas: Anatomy & Physiology, Grammar, Reading Comprehension, Vocabulary and Knowledge, and Math.

5. Completion of a pre-admission interview

6. Verification through signature that the student will not be employed at any time while enrolled in the accelerated program

7. Ability to meet all legal requirements for licensure

8. Post-baccalaureate students must complete Statistics and all of Area F courses with a grade of C or higher

9. Post-baccalaureate students will be given credit for completion of Areas A, B, C, D, E, and Healthful Living and FYE, with the exception of Statistics in Area D and US and Georgia History and Government

10. Sciences in Area F must have been completed within the past 5 years with a grade of C or higher

11. If Anatomy and Physiology I and II are not taken at the same educational institution, syllabi must be provided for review.

12. All core courses, including US and Georgia History and Government, must be completed prior to starting the ABSN curriculum
13. Students with outstanding admission requirements must provide proof of meeting the requirements before the beginning of the admitted semester. Failure to do so will result in removal from the admitted list.

14. Must be able to meet the Core Performance Standards

15. Clinical agencies utilized by the School of Nursing require criminal background checks and/or drug testing prior to acceptance of the student into clinical facilities. Students who do not pass the criminal background check and/or drug test will be unable to attend clinical courses and therefore will be unable to complete their program of study resulting in course failure. Any fees or cost associated with background checks and/or drug testing are the responsibility of the student.

16. Students who fail out of any nursing program may be considered for readmission to Georgia Southern University’s nursing program after a period of 5 years. Only one readmission in the nursing program is permitted. The student must meet all current entry requirements. Upon acceptance, the student will be required to complete all nursing courses from the beginning.

17. If a student withdraws from the ABSN program, they are eligible to apply to the next fall admission cycle of the traditional BSN program.

18. A student who fails one ABSN course will need to meet with the ABSN Program Director to review their program of study. The student may be given the opportunity to join the traditional BSN program on a space available basis. A student who fails more than one ABSN course will be dismissed from the program.

Nursing B.S.N.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core Areas A - E)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific Core Requirements</th>
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<tbody>
<tr>
<td>Area D - Natural Sciences, Mathematics, and Technology</td>
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<tr>
<td>Any traditional lab sequence (BIOL, CHEM, or PHYS)</td>
</tr>
<tr>
<td>STAT 1401 Elementary Statistics</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Additional Requirements</th>
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</thead>
<tbody>
<tr>
<td>Area F - Courses Appropriate to Major</td>
</tr>
<tr>
<td>BIOL 2240 Microbiology</td>
</tr>
<tr>
<td>CHFD 2137 Lifespan Development</td>
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<tr>
<td>KINS 2511 Human Anatomy and Physiology I Laboratory</td>
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<td>KINS 2512 Human Anatomy and Physiology II Laboratory</td>
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<tr>
<td>KINS 2531 Human Anatomy and Physiology I</td>
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<td>KINS 2532 Human Anatomy and Physiology II</td>
</tr>
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<td>KINS 2533 Pathophysiology</td>
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<table>
<thead>
<tr>
<th>Major Requirements</th>
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<tbody>
<tr>
<td>NURS 3101 Skills and Essentials of Nursing Practice</td>
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<tr>
<td>NURS 3102 Health Assessment</td>
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<tr>
<td>NURS 3103 Professional Nursing Practice</td>
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<tr>
<td>NURS 3104 Pharmacology I</td>
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<tr>
<td>NURS 3105 Pharmacology II</td>
</tr>
<tr>
<td>NURS 3107 Adult Health Nursing I</td>
</tr>
<tr>
<td>NURS 3108 Mental Health Nursing</td>
</tr>
<tr>
<td>NURS 3109 Women's and Children's Nursing</td>
</tr>
<tr>
<td>NURS 3110 Community Health Nursing</td>
</tr>
<tr>
<td>NURS 3111 Adult Health Nursing II</td>
</tr>
<tr>
<td>NURS 3112 Leadership &amp; Management Capstone</td>
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<tr>
<td>NURS 3113 Research</td>
</tr>
<tr>
<td>NURS 4106 Pharmacology III</td>
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<tr>
<td>NURS 4109 Women's and Children's Nursing</td>
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<td>NURS 4110 Community Health Nursing</td>
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<td>NURS 4111 Adult Health Nursing II</td>
</tr>
<tr>
<td>NURS 4112 Leadership &amp; Management Capstone</td>
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<tr>
<td>NURS 4113 Research</td>
</tr>
<tr>
<td>NURS 4114 Critical Analysis</td>
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<table>
<thead>
<tr>
<th>Electives</th>
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<tbody>
<tr>
<td>Select 3 credit hours of Electives from the following</td>
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<tr>
<td>NURS 4115 Nursing and Service Learning in Costa Rica</td>
</tr>
<tr>
<td>NURS 4116 Honors Project I</td>
</tr>
<tr>
<td>NURS 4117 Honors Project II</td>
</tr>
<tr>
<td>NURS 4118 Honors Project III</td>
</tr>
<tr>
<td>NURS 4119 Independent Study-Undergraduate</td>
</tr>
<tr>
<td>NURS 4120 Special Topics-Undergraduate</td>
</tr>
<tr>
<td>NURS 4121 Strategies for Success in Professional Nursing</td>
</tr>
<tr>
<td>NURS 4122 Foundations of Healthcare Informatics</td>
</tr>
<tr>
<td>NURS 4123 Legal and Ethical Issues in Nursing</td>
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<tr>
<td>NURS 4124 Gerontology in the 21st Century</td>
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<td>NURS 4125 Vulnerable Populations</td>
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<td>NURS 4126 International Nursing Issues and Trends</td>
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<tr>
<td>NURS 4127 Introduction to Forensic Nursing and the Law</td>
</tr>
<tr>
<td>NURS 4128 Complementary and Integrative Health Approaches</td>
</tr>
<tr>
<td>NURS 4129 Multiculturalism in Health Care</td>
</tr>
<tr>
<td>NURS 4130 Home Health Nursing</td>
</tr>
<tr>
<td>NURS 4131 Population Health Care Strategies</td>
</tr>
<tr>
<td>NURS 4134 Nursing Perspectives: Then, Now, and the Future</td>
</tr>
<tr>
<td>NURS 4135 Women and Leadership in Nursing</td>
</tr>
<tr>
<td>NURS 4136 Nursing Practice in the Military</td>
</tr>
<tr>
<td>NURS 4137 Pediatric Nursing Externship</td>
</tr>
<tr>
<td>NURS 4139 Medical-Surgical Oncology Nursing Externship</td>
</tr>
<tr>
<td>NURS 4140 Medical-Surgical Neuroscience Nursing Externship</td>
</tr>
<tr>
<td>NURS 4141 Medical-Surgical Complex Medical Nursing Externship</td>
</tr>
<tr>
<td>NURS 4142 Health Promotion Through the Life Span</td>
</tr>
<tr>
<td>NURS 4143 Medical Terminology</td>
</tr>
</tbody>
</table>

Total Credit Hours 124

Environmental Biology is not an option.

Admission Requirements

Admission Criteria to the School of Nursing (SON) Traditional BSN Major

Admission to Georgia Southern University. All transfer credits must be evaluated by the Registrar’s office and posted on the Georgia Southern transcript upon official acceptance to the University.

1. Must be able to meet the Core Performance Standards (See website for details)
2. A minimum overall GPA of 3.0 on all attempted courses on the Program of Study for the SON
1. Must achieve a score of at least 75% on the HESI Admission Assessment (A2) Exam in each of the following subject areas: Anatomy & Physiology, Grammar, Reading Comprehension, Vocabulary and General Knowledge, and Math.

4. Completed 12 hours of the 20 hours of required lab science course work with a minimum grade of “C” in both the lab and didactic portions of each course.

5. Successful completion of 54 semester hours in appropriate core courses prior to admission.

6. Sciences in Area F must have been completed within the past 5 years.

7. A grade of C or higher is required for Core Areas A, D, and F courses.

8. Post Baccalaureate students must have a minimum grade point average of 3.0 on grades earned in Statistics, Anatomy and Physiology I & II with labs, Microbiology, Pathophysiology and Lifespan Development to be eligible to apply to the program.

9. All core courses and graduation requirements must be completed before beginning senior II semester of nursing.

10. Students admitted to the nursing major must maintain a minimum overall 3.0 GPA and a minimum grade of “C” in all area A, D and F courses prior to beginning the first nursing course.

11. Students with outstanding admission requirements must provide proof of meeting the requirements to the Department Secretary before the beginning of the admitted semester. Failure to do so will result in removal from the admitted list.

12. Clinical agencies utilized by the School of Nursing require criminal background checks and/or drug testing prior to acceptance of the student into clinical facilities. Students who do not pass the criminal background check and/or drug test will be unable to attend clinical practicum on a space available basis. After withdrawal from or earning a grade less than a C in a nursing course, a student’s ability to continue or to progress in the nursing program will be contingent on a review of the student’s record and approval of the Undergraduate Student Affairs Committee.

13. Students who fail out of any nursing program may be considered for readmission to Georgia Southern’s nursing program after a period of 5 years.

Program Duration Limits

All courses for the nursing program must be completed within a total of three consecutive calendar years.

Progression Requirements

1. Prelicensure students must earn a grade of “C” in all required nursing courses in the major to progress in the nursing program.

2. Prelicensure students earning a grade lower than “C” in a nursing course or withdrawing from a nursing course, must meet the course coordinator to review the student’s program of study. Before progressing, the student must repeat the course at the next offering on a space available basis. After withdrawal from or earning a grade less than a C in a nursing course, a student’s ability to continue to or progress in the nursing program will be contingent on a review of the student’s record and approval of the Undergraduate Student Affairs Committee.

3. Students who earn an unsatisfactory in a clinical practicum rotation may not continue in any clinical practicum rotation during the same semester until their academic and clinical performance is individually reviewed. An unsatisfactory performance in a clinical practicum rotation represents failure of the course.

4. If approved, a nursing student may repeat a required nursing course only one time. After two required nursing course failures, the student will be dismissed from the nursing program.

5. Dismissal from the nursing major does not affect the ability of the student to progress in the University in another major.

6. Strict adherence to the American Nurses’ Association Nursing: Scope & Standards of Practice is required of all nursing students.

Readmission

Application for re-entry after an absence of more than one year will be evaluated on an individual basis. Re-entry is not guaranteed and may include retaking nursing courses completed at a prior time.

Admission by Transfer

The School of Nursing at Georgia Southern University welcomes transfer students who meet the admission requirements and the following nursing transfer credit hour conditions. Credit hours for courses taken at schools other than Georgia Southern University will be considered on an individual basis using the following guidelines:

1. Transfer students must apply using the same admission criteria for application as all nursing applicants.

2. Transfer credit hours for non-nursing courses will be evaluated by the Admissions Department of the University.

3. Transfer credit hours for nursing courses will be evaluated by the BSN Program Director.

4. Students having failures (D or less) in previous nursing courses may be considered for admission to Georgia Southern’s nursing program after a period of 5 years.

Other Program Requirements

Students are responsible for:

- Transportation for off-campus practicums and field trips.
- The purchase of uniforms, white shoes, stethoscope, and sphygmomanometer.
- Maintaining personal health and accident insurance coverage and health professions student liability insurance.
- Fees for selected achievement tests during junior and senior years.
- Additional expenses which may include the cost of a nursing pin, academic regalia rental, and state board licensing examination fees.

Honors in Nursing

To graduate with Honors in Nursing, a student must:

- be admitted to the University Honors Program;
- successfully complete NURS 4116, NURS 4117, and NURS 4118;
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

Nursing LPN/LVN - BSN

Degree Requirements: 120 Credit Hours

<table>
<thead>
<tr>
<th>General Requirements (Core Area A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any traditional lab sequence (BIOL, CHEM, &amp; PHYS)</td>
<td>1</td>
</tr>
<tr>
<td>STAT 1401 Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td><strong>Area D - Natural Sciences, Mathematics, and Technology</strong></td>
<td></td>
</tr>
<tr>
<td>BIOL 2240 Microbiology</td>
<td></td>
</tr>
<tr>
<td>CHFD 2137 Lifespan Development</td>
<td></td>
</tr>
<tr>
<td>KINS 2511 Human Anatomy and Physiology I Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area F - Courses Appropriate to Major</th>
<th>18</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 2511 Human Anatomy and Physiology I Laboratory</td>
<td></td>
</tr>
</tbody>
</table>
Admission Criteria to the School of Nursing (SON) Advanced Placement Track (APT) for LPN/LVN to B.S.N.

Program Information

The School of Nursing offers an innovative program, the Advanced Placement Track, whereby the Licensed Practical Nurse (LPN) is eligible to earn college credit for educational advancement. The faculty recognizes that Licensed Practical Nurses have knowledge and skills which support the opportunity for advanced placement.

Eligibility for advanced placement is based on academic transcripts, licensure verification, basic nursing skills verification, and achieve a score of at least 75% on the HESI Admission Assessment (A2) Exam. Students have the opportunity to challenge by examination a total of 25 hours of course credit.

The LPN accepted to Georgia Southern University’s School of Nursing is seen by the LPN Advisor for a description of the APT program, consultation, and curriculum planning. Advisement is critical for the LPN to best be prepared to apply for admission to the Baccalaureate Nursing Program (BSN) when core curriculum requirements have been met.

Admission to the BSN program is competitive. The LPN seeking advanced placement must meet the same admission requirements as others. The following is a guide for the LPN planning to earn a BSN at Georgia Southern University. See the School of Nursing website for more detailed information.

After admission to Georgia Southern University, the student will make an appointment with the LPN Advisor. The student will need to bring any previous higher education transcripts to the advisement appointment.

1. The LPN’s transcript will be evaluated and must meet the following requirements to be eligible for admission to the BSN program:
   - Complete 54 semester hours of core curriculum with grades of “C” or better in areas A, D, and F.
   - All applicants must achieve a score of at least 75% on the HESI Admission Assessment (A2) Exam in each of the following areas: Anatomy and Physiology, Grammar, Reading Comprehension, Vocabulary and Knowledge, and Math. Further information is available in the School of Nursing or on our website. An overall GPA of 2.7 in all prerequisite courses.

2. The student will have the opportunity to challenge up to 4 nursing courses (Skills, Adult Health I, Mental Health, Women’s and children’s) for a total of 25 credit hours. Upon acceptance into the nursing program, the student must meet with the LPN Advisor to review challenge options. Students must meet all of the legal requirements for licensure. See Baccalaureate Degree Nursing section in the Georgia Southern University Catalog: Georgia Board of Nursing Legal Requirements.

3. Be aware that science course credits in Core Area F may not have been earned longer than 5 years before the time of admission.

4. A grade of C or higher is required for areas A, D, and F courses. Repeating any course in areas A, D, and F in order to achieve a passing grade of at least C, reduces the student’s chance for admission to the School of Nursing. Repeating more than one course in each (area A, D, and F) to earn a passing grade of at least C makes the student ineligible for admission to nursing.

Advisement

For questions regarding specific undergraduate program requirements, please contact the Waters College of Health Professions Student Success Center.

Nursing RN-BSN

Degree Requirements: 120 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>General Requirements (Core Areas A - E)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Core Requirements</td>
<td>42</td>
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<td>Area D - Natural Sciences, Math, and Technology</td>
<td></td>
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<td>KINS 2511 - Human Anatomy and Physiology I Laboratory</td>
<td></td>
</tr>
<tr>
<td>KINS 2512 - Human Anatomy and Physiology II Laboratory</td>
<td></td>
</tr>
<tr>
<td>KINS 2531 - Human Anatomy and Physiology I</td>
<td></td>
</tr>
<tr>
<td>KINS 2532 - Human Anatomy and Physiology II</td>
<td></td>
</tr>
<tr>
<td>NTFS 2530 - Nutrition and Health</td>
<td>1</td>
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</table>

Major Requirements

Courses Completed at Georgia Southern University

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 4301 - Conceptual Basis of Nursing</td>
</tr>
<tr>
<td>NURS 4302 - Health Assessment</td>
</tr>
<tr>
<td>NURS 4303 - Complementary Therapeutic Modalities</td>
</tr>
</tbody>
</table>
RN-BSN Program applicants must have met the following requirements:

1. Attained admission to Georgia Southern University and requested official transcript(s) for all college work attempted, assuring that the transcripts have been received in the Admissions Office by the announced deadline.
2. Achieved a minimum cumulative grade point average of 3.0 or better on all attempted course work or a minimum of 2.7 for provisional admission (full admission granted after earning a “B” or better in 6 credit hours of nursing courses).
3. Completed all Area D and Area F courses with a minimum grade of "C" and have no more than 10 credit hours of core courses left to complete. All core courses must be satisfied before or during the last semester of the RN-BSN Nursing Program.
4. Hold current Georgia RN licensure in good standing (proof of licensure will be validated by the RN-BSN Program).
5. Submitted the online RN-BSN application.
6. RN applicants must have met the following requirements after admission to the RN-BSN Program and before enrollment in the first nursing course:
   a. Participated in the RN-BSN Program orientation session. This orientation replaces the required University SOAR Orientation
   b. Meet RN-BSN Program Clinical Course requirements of:
      i. current American Heart Association CPR for Health Care Providers' certification;
      ii. health professions student liability insurance
7. Students are responsible for paying a graduation fee in the final semester of the program, and any optional graduation expenses such as a nursing pin or academic regalia.

Program Admission Criteria

RN-BSN Program applicants must meet the University entrance requirements as described in the University Undergraduate Catalog. All applicants must apply for admission to both the University and the School of Nursing RN-BSN Program. Once admitted to the University, students should contact the School of Nursing RN-BSN Program for advisement. Requirements for admission into the School of Nursing RN-BSN Program are based on requirements in place at the time of application to the Program. In order to be considered for admission to the RN-BSN Program, applicants must have met the following requirements:

1. Achieved a minimum cumulative grade point average of 3.0 or better on all attempted course work or a minimum of 2.7 for provisional admission (full admission granted after earning a “B” or better in 6 credit hours of nursing courses).
2. Completed all Area D and Area F courses with a minimum grade of "C" and have no more than 10 credit hours of core courses left to complete. All core courses must be satisfied before or during the last semester of the RN-BSN Nursing Program.
3. Hold current Georgia RN licensure in good standing (proof of licensure will be validated by the RN-BSN Program).
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   b. Meet RN-BSN Program Clinical Course requirements of:
      i. current American Heart Association CPR for Health Care Providers' certification;
      ii. health professions student liability insurance
7. Students are responsible for paying a graduation fee in the final semester of the program, and any optional graduation expenses such as a nursing pin or academic regalia.

Progression Requirements

1. RN-BSN students must earn a minimum grade of "C" in all required nursing courses in the major in order to progress in the nursing program. For students admitted under provisional acceptance, a minimum grade of “B” must be earned in the first 6 credit hours of coursework or the student will be unable to progress and will be dismissed from the RN-BSN Program.
2. After withdrawal from a nursing course for any reason, a student's ability to continue or to progress in the nursing program will be contingent on a review of the student's record and approval of the Undergraduate Student Affairs Committee.
3. If approved, a nursing student may repeat a required nursing course only one time.
   a. A student who earns a "D" or an "F" in a required nursing course and wishes to continue in the major must write a letter directed to the RN-BSN Director requesting permission to continue in the nursing major. Students should submit the letter a minimum of one week prior to the anticipated date of reentry to the program. Requests to repeat a course are considered by the School of Nursing Undergraduate Student Affairs Committee on an individual basis and the student is notified in writing of the decision of the Committee. If approval is granted, the student may repeat the course at its next offering pending space availability.
   b. Students given permission to repeat a required nursing course will be expected to complete a supplemental study program to remediate any areas of deficit identified by the student's prior performance in the course. Approval for repeating a required nursing course and for progression in the nursing program is dependent on the reasons for unsuccessful performance in the course. Denial of a request to repeat a required nursing course will result in the dismissal of the student from the nursing program. The student will be notified in writing of the Undergraduate Student Affairs Committee's decision.
   c. After failure of two required nursing courses, the student will be dismissed from the nursing program.
4. Dismissal from the nursing major does not affect the ability of the student to progress in the University in another major.
5. Strict adherence to the American Nurses' Association Nursing: Scope & Standards of Practice is required of all nursing students. Nursing students who are Registered Nurses are held accountable to the Georgia Nurse Practice Act for Registered Nurses. Failure to comply with these professional standards will result in review and action by the School of Nursing faculty and could result in the student's dismissal from the nursing program.
6. Throughout the program, students are responsible for maintaining a current Georgia nursing license and professional liability insurance.
7. Students are responsible for paying a graduation fee in the final semester of the program, and any optional graduation expenses such as a nursing pin or academic regalia.

Advisement and Other Information

For advisement or additional information, contact the RN-BSN Program Director at scarey@georgiasouthern.edu

College of Science and Mathematics

In the College of Science and Mathematics, Bachelor of Science or Bachelor of Arts degrees can be pursued in the following majors: Biochemistry, Biology, Chemistry, Geography, Geology, Mathematics, and Physics. Minors are available in Biochemistry, Biology, Geographic Information Science, Geography, Geology, Mathematics, Military Science, and Physics. For students in any major, the Department of Military Science
administers the Army ROTC program which leads to a commission as a second lieutenant at the time of graduation. The College also offers a certificate in Actuarial Science and numerous Master of Science programs.

Vision
The College of Science and Mathematics and its dedicated faculty will be a national leader in the development of innovative curricula, and in integrating distinguished scholarship with superior undergraduate and graduate education.

Mission
The College of Science and Mathematics strives for excellence and innovation in undergraduate and graduate research, teaching practices, and service to our community. With an emphasis on high-impact educational practices, our highly-respected faculty foster learning in the classroom and beyond by promoting student engagement and offering cutting-edge research opportunities to students. Our degree programs prepare students to apply scientific discoveries which inform education, health, natural resource protection, and economic development. By combining state-of-the-art research labs and teaching spaces with numerous regional, national, and global collaborations, the College of Science and Mathematics is a leader in producing graduates to meet tomorrow’s challenges.

Visit us at our web site at cosm.georgiasouthern.edu.

College Structure
- Department of Biology (p. 223)
- Department of Chemistry and Biochemistry (p. 226)
- Department of Geology and Geography (p. 229)
- Department of Mathematical Sciences (p. 233)
- Department of Military Science (p. 234)
- Department of Physics and Astronomy (p. 237)
- Medical Professions Advising (p. 239)
- Secondary or P-12 Education Certification (p. 239)
- Structure (p. 242)

Programs
Majors
- Biochemistry B.S. (p. 226)
- Biology B.A. (p. 223)
- Biology B.S. (p. 224)
- Chemistry B.A. (p. 228)
- Chemistry B.S. (p. 228)
- Geography B.A. (p. 230)
- Geography B.S. (p. 230)
- Geology B.A. (p. 231)
- Geology B.S. (p. 232)
- Mathematical Sciences B.S. (p. 234)
- Physics and Astronomy B.A. (p. 237)
- Physics B.S. (p. 238)

Minors
- Biochemistry Minor (p. 227)
- Biology Minor (p. 225)
- Chemistry Minor (p. 229)
- Geographic Information Science Minor (p. 230)
- Geography Minor (p. 231)

- Geology Minor (p. 233)
- Mathematical Sciences Minor (p. 234)
- Military Science Minor (p. 235)
- Naval Science Minor (p. 237)
- Physics Minor (p. 239)

Certificates
- Actuarial Sciences Certificates (p. 233)

Advising
Science and mathematics majors are assisted by professional advisors specifically-trained on the progression requirements for College of Science and Mathematics programs. Students must meet with their academic advisor at least once each semester to discuss major requirements, course selection, registration, personal goals and other student concerns. The College also provides specialized advisors who will guide and assist students who seek to pursue a medical professions program of study such as Pre-Medicine, Pre-Dental Medicine, Pre-Veterinary Medicine, Pre-Pharmacy, Pre-Physician Assistant (PA), or Pre-Optometry. While advisors provide information and guidance, final responsibility for completion of all degree requirements, including those for pre-professional programs, rests with the student.

Students with questions regarding advisement may contact the College of Science and Mathematics advising using the information provided below:

Email:
cosm-advisor@georgiasouthern.edu
prehealth@georgiasouthern.edu

Web-site:
cosm.georgiasouthern.edu/advisement

In-person/phone:
Student Success Center (Armstrong Campus)
11935 Abercorn Street
(912) 344-2570

CoSM Advisement Center (Statesboro Campus)
Engineering Building
Room 1116
PO Box 8044-01
(912) 478-0649

Contacts
Dean: Delana Gajdosik-Nivens
2141 Engineering Building
P. O. Box 8044
Phone (912) 478-5111 (Statesboro Campus)
Science Center 1505
Phone (912) 344-2964 (Armstrong Campus)
dnivens@georgiasouthern.edu

Lance D. McBrayer
Associate Dean of Research, Faculty, and Graduate Affairs
2141 Engineering Building (Statesboro)
P. O. Box 8044
Phone (912) 478-5111
lancemcbrayer@georgiasouthern.edu

Brian P. Koehler
Associate Dean of Undergraduate Programs
2141 Engineering Building (Statesboro)
P. O. Box 8044
Phone (912) 478-5111
Department of Biology

The Department of Biology, through the shared resources of multiple campuses, offers study in the field of biological sciences to provide students with a broad, foundational education through authentic learning experiences. The Department offers two undergraduate degree programs, a Bachelor of Science with a Major in Biology (BS) and a Bachelor of Arts with a Major in Biology (BA).

The goal of both programs is to provide students with the knowledge and skills necessary to pursue professional careers in the biological sciences, health sciences, and science education, or to obtain an advanced degree in science. Undergraduate students in both the BS and BA programs practice up-to-date research and/or laboratory techniques, critical thinking, and independent learning. Additionally, students in the BA gain interdisciplinary experiences acquired through minor and language requirements. In establishing these goals and activities, the faculty follow the recommendations for standards established by the National Association of Biology Teachers and the American Association for the Advancement of Science.

The faculty is dedicated to providing students a challenging education that provides a foundation for life-long learning and an appreciation of biological processes and biological diversity. Southeast Georgia is a biologically rich and ecologically diverse area that encompasses coastline, wetlands, woodlands, and cities. Our student-centered programs support the University’s mission to develop a vibrant learning environment for majors exemplified by a free exchange of ideas, high academic expectations, and individual responsibility for academic achievement. Our programs further support the University’s mission in promoting scientific and technological advancement, health services, sustainability, citizenship and social responsibility.

Programs

Majors

- Biology B.A. (p. 223)
- Biology B.S. (p. 224)

Minors

- Biology Minor (p. 225)

Biology B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>General Requirements (Core A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area A2 -- Must take MATH 1112, MATH 1113 or MATH 1441</td>
<td></td>
</tr>
<tr>
<td>Additional Requirements</td>
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</tr>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>18</td>
</tr>
<tr>
<td>BIOL 1107</td>
<td>Principles of Biology I</td>
</tr>
<tr>
<td>BIOL 1108</td>
<td>Principles of Biology II</td>
</tr>
<tr>
<td>BIOL 1108L</td>
<td>Principles of Biology Laboratory I (may count in Area F, if needed)</td>
</tr>
<tr>
<td>BIOL 1108L</td>
<td>Principles of Biology Laboratory II (may count in Area F, if needed)</td>
</tr>
<tr>
<td>Completion of Geology, Physics, or Advisor alternate course (may count if Area F, if needed)</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 1122</td>
<td>General Historical Geology</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
</tr>
<tr>
<td>BIOL 1107L</td>
<td>Principles of Biology I Laboratory (may count in Area F, if needed)</td>
</tr>
<tr>
<td>BIOL 1108L</td>
<td>Principles of Biology Laboratory II (may count in Area F, if needed)</td>
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<td>Completion of Geology, Physics, or Advisor alternate course (may count if Area F, if needed)</td>
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<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
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</table>

<table>
<thead>
<tr>
<th>Major Specific Requirements</th>
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</thead>
<tbody>
<tr>
<td>BIOL 3131</td>
<td>Physiology</td>
</tr>
<tr>
<td>BIOL 3133</td>
<td>Evolution and Ecology</td>
</tr>
<tr>
<td>BIOL 3134</td>
<td>Cell and Molecular Biology</td>
</tr>
<tr>
<td>BIOL 1107L</td>
<td>Principles of Biology Laboratory I (may count in Area F, if needed)</td>
</tr>
<tr>
<td>BIOL 1108L</td>
<td>Principles of Biology Laboratory II (may count in Area F, if needed)</td>
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<td>Principles of Physics II</td>
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</table>

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL - Prerequisite Courses (required prior to any BIOL courses at the 4000 and 5000-level)</td>
<td></td>
</tr>
<tr>
<td>BIOL 4130</td>
<td>Genetics</td>
</tr>
<tr>
<td>BIOL - Elective Courses (Level 3000 and above)</td>
<td>16</td>
</tr>
<tr>
<td>BCHM 3200 or BCHM 5201 may substitute for a BIOL Elective with Advisor approval.</td>
<td></td>
</tr>
<tr>
<td>Three of the above courses must have a laboratory requirement (4 credit hour courses or other dedicated laboratory course)</td>
<td></td>
</tr>
<tr>
<td>Department recommends that one of the above courses qualify as a “capstone” experience; see Dept. website for list of qualifying courses. A maximum of 5 credit hours of capstone courses can be applied to the B.A. with a Major in Biology degree</td>
<td></td>
</tr>
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<table>
<thead>
<tr>
<th>Minor (Required)</th>
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<tbody>
<tr>
<td>Select 15 credit hours of Minor</td>
<td></td>
</tr>
<tr>
<td>Foreign Language Requirements</td>
<td>0-9</td>
</tr>
<tr>
<td>Completion through 2002-level Foreign Language</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>2-19</td>
</tr>
<tr>
<td>Must include at least 2 hours of upper-division (3000-level and above) coursework</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 124

1 May be satisfied by a secondary school background showing four (4) years or more of preparation in a single language

Other Program Requirements

- Students must have a combined average of “C” or better for all biology courses.
- Students must earn a “C” or better for the pre-requisite biology courses BIOL 1107, BIOL 1107L, BIOL 1108, BIOL 1108L, BIOL 3131, BIOL 3133, BIOL 3134
• Students must successfully complete the Major Field Test as a departmental exit exam.
• Students who wish to change their major to Biology must have a total institution GPA of 2.0 or better in all coursework completed at Georgia Southern.
• Transfer students from other institutions who wish to major in Biology must have a GPA of 2.0 or better on all credit hours attempted at other institutions as well as those hours attempted at Georgia Southern.

Honors in Biology

For students entering the University Honors Program as a freshman and seeking to complete the Departmental Honors in Biology, it is highly recommended that these freshmen complete:

**Freshman/Sophomore Level Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1107</td>
<td>Principles of Biology I</td>
</tr>
<tr>
<td>&amp; BIOL 1107L</td>
<td>Principles of Biology I Laboratory</td>
</tr>
<tr>
<td>BIOL 1108</td>
<td>Principles of Biology II</td>
</tr>
<tr>
<td>&amp; BIOL 1108L</td>
<td>Principles of Biology Laboratory II</td>
</tr>
<tr>
<td>CHEM 1211</td>
<td>Principles of Chemistry I</td>
</tr>
<tr>
<td>CHEM 1212</td>
<td>Principles of Chemistry II</td>
</tr>
<tr>
<td>FYE 1220</td>
<td>First-Year Seminar</td>
</tr>
<tr>
<td>MATH 1441</td>
<td>Calculus I</td>
</tr>
</tbody>
</table>

**Required Biology Honors Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2320</td>
<td>Honors Research Methods Biology</td>
</tr>
<tr>
<td>BIOL 4895</td>
<td>Honors Research</td>
</tr>
<tr>
<td>BIOL 4999</td>
<td>Honors Thesis</td>
</tr>
</tbody>
</table>

**Recommended Biology Honors Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
</table>

**Required and Recommended Credit Hours**

33

A student who does not enter the Departmental Honors in Biology Program as a freshman will be considered for admittance based on the following criteria:

• Freshman Year - Overall GPA of 3.3 or higher, if completed BIOL 1107 and BIOL 1108 must have a grade of "A" in both courses, or an "A" and a "B".
• Sophomore Year - Overall GPA of 3.3 or higher, including completion of BIOL 1107, BIOL 1108, and one intermediate prerequisite (BIOL 3131, BIOL 3133, or BIOL 3134) with a GPA of at least 3.3 in these classes.

Typically, students with 3 semesters or less to complete their degree are not eligible to enter the Departmental Honors in Biology Program.

After entering the Departmental Honors in Biology Program, students are required to complete the required biology honors courses and the capstone experience to earn Departmental Honors in Biology. Students also would be required to maintain a 3.3 overall GPA, including a GPA of 3.3 in courses supportive of the major.

Biology B.S.

**Degree Requirements: 124 Credit Hours**

*See Core Curriculum for required courses in Area A1 through Area E.*

- **General Requirements (Core A - E)**
  - Area A2: Must take MATH 1112, MATH 1113 or MATH 1441
  - Area DII: Must take MATH 1441 if not taken in Area A2 above

- **Additional Requirements**
  - 4 Credit Hours

- **Area F - Courses Appropriate to Major**
  - BIOL 1107 Principles of Biology I
  - BIOL 1108 Principles of Biology II
  - CHEM 1211 Principles of Chemistry I
  - CHEM 1212 Principles of Chemistry II

Students should complete a 1 year sequence in either Geology or Physics (second course will be counted under Major Specific Requirements), or an alternate course approved by advisor.

- GEOL 1121 Introduction to the Earth
- PHYS 1111K Introductory Physics I
- PHYS 2211K Principles of Physics I

- Additional Biology, Computer Science, Foreign, Math, Science Course (if needed)
- **Major Specific Requirements**
  - Carry-over from MATH 1441 Calculus I in Area A or Area D2
  - BIOL 1107L Principles of Biology I Laboratory
  - BIOL 1108L Principles of Biology Laboratory II
  - CHEM 3401 Organic Chemistry I
  - CHEM 3402 Organic Chemistry II
  - Completion of Geology, Physics, or Advisor alternate course (may count if Area F, if needed)
  - GEOL 1122 General Historical Geology
  - PHYS 1112K Introductory Physics II
  - PHYS 2212K Principles of Physics II

- **Major Requirements**
  - BIOL - Prerequisite Courses (required prior to any BIOL courses at the 4000 and 5000-level)
    - BIOL 3131 Physiology
    - BIOL 3133 Evolution and Ecology
    - BIOL 3134 Cell and Molecular Biology

- BIOL - Elective Courses (Level 3000 and above)
  - BCHM 3200 or BCHM 5201 (may substitute for a BIOL Elective with Advisor approval.)
  - Three of the above courses must have a laboratory requirement (BIOL 4 credit hour courses or other dedicated laboratory course)
  - Department recommends that one of the above courses qualify as a "capstone" experience; see Dept. website for list of qualifying courses. A maximum of 7 credit hours of capstone courses can be applied to the B.S. with a Major in Biology degree.

- **Electives**
  - 10-18 Credit Hours

- **Total Credit Hours**
  - 124
Other Program Requirements

- Students who wish to change their major to Biology must have a total institution GPA of 2.0 or better in all coursework completed at Georgia Southern.
- Transfer students from other institutions who wish to major in Biology must have a GPA of 2.0 or better on all credit hours attempted at other institutions as well as those hours attempted at Georgia Southern.
- Students must earn a “C” or better for the prerequisite biology courses BIOL 1107, BIOL 1107L, BIOL 1108, BIOL 1108L, BIOL 3131, BIOL 3133, BIOL 3134.
- Students must have a combined average of “C” or better for all biology courses.
- Students must successfully complete the Major Field Test as a departmental exit exam.

Honors in Biology

For students entering the University Honors Program as a freshman and seeking to complete the Departmental Honors in Biology, it is highly recommended that these freshmen complete:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Freshman/Sophmore Level Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BiOL 1107</td>
<td>Principles of Biology I</td>
</tr>
<tr>
<td>&amp; 1107L</td>
<td>and Principles of Biology I Laboratory</td>
</tr>
<tr>
<td>BiOL 1108</td>
<td>Principles of Biology II</td>
</tr>
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<td>&amp; 1108L</td>
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</tr>
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<tr>
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<td>First-Year Seminar</td>
</tr>
<tr>
<td>MATH 1441</td>
<td>Calculus I</td>
</tr>
</tbody>
</table>

Required Biology Honors Courses

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Sophomore/Junior Level Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BiOL 2320</td>
<td>Honors Research Methods Biology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Junior/Senior Level Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BiOL 4895</td>
<td>Honors Research</td>
</tr>
<tr>
<td>BiOL 4999</td>
<td>Honors Thesis</td>
</tr>
</tbody>
</table>

Recommended Biology Honors Courses

| Credit Hours | BiOL 3630 | Current Trends in Biol. Res. |

A student who does not enter the Departmental Honors in Biology Program as a freshman will be considered for admittance based on the following criteria:

- Freshman Year: Overall GPA of 3.3 or higher, if completed BiOL 1107 and BiOL 1108 must have a grade of “A” in both courses, or an “A” and a “B.”
- Sophomore Year: Overall GPA of 3.3 or higher, including completion of BiOL 1107, BiOL 1108, and one intermediate prerequisite (BiOL 3131, BiOL 3133, or BiOL 3134) with a GPA of at least 3.3 in these classes.

Typically, students with 3 semesters or less to complete their degree are not eligible to enter the Departmental Honors in Biology Program.

After entering the Departmental Honors in Biology Program, students are required to complete the required biology honors courses and the capstone experience to earn Departmental Honors in Biology. Students also would be required to maintain a 3.3 overall GPA, including a GPA of 3.3 in courses supportive of the major.

Biology Minor

Prerequisite(s) ¹

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>CHEM 1211</th>
<th>Principles of Chemistry I</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BiOL 1107</td>
<td>Principles of Biology I</td>
</tr>
<tr>
<td></td>
<td>or BiOL 1107L</td>
<td>Principles of Biology I Laboratory</td>
</tr>
<tr>
<td></td>
<td>BiOL 1108</td>
<td>Principles of Biology II</td>
</tr>
<tr>
<td></td>
<td>or BiOL 1108L</td>
<td>Principles of Biology Laboratory II</td>
</tr>
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</table>

Total Credit Hours 2-10

Minor Program

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>BiOL 3131</th>
<th>Physiology</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BiOL 3133</td>
<td>Evolution and Ecology</td>
</tr>
<tr>
<td></td>
<td>BiOL 3134</td>
<td>Cell and Molecular Biology</td>
</tr>
</tbody>
</table>

Upper Division Electives (6 hours)

| Credit Hours | BiOL - Upper Division courses (3000 level or above) at least one laboratory offering required |

Total Credit Hours 15

¹ Or equivalent courses approved by a Departmental Chair

Additional Minor Requirements/Recommendations

A Departmental Advisor must approve all coursework. BCHM 3200 and BCHM 5201 cannot count towards the Biology Minor. Students must have a grade of “C” or better in all courses used towards the Minor in Biology.

Environmental Sustainability Interdisciplinary Concentration

Contact

Department of Biology
Dr. Lissa Lege
(912) 478-0800
lege@georgiasouthern.edu

Concentration Requirements: 18 Credit Hours

A total of 18 credit hours are required for the concentration

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>TCGT 1530</th>
<th>Global Sustainability and Innovation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BIOL 1230</td>
<td>Environmental Biology</td>
</tr>
<tr>
<td></td>
<td>CHEM 1040</td>
<td>Chemistry and the Environment</td>
</tr>
<tr>
<td></td>
<td>GEOL 1340</td>
<td>Environmental Geology</td>
</tr>
<tr>
<td></td>
<td>PHYS 1149</td>
<td>Environmental Physics</td>
</tr>
</tbody>
</table>
Courses if TCCT 1530 is taken above

*may include one of the 1000-level environmental science courses if TCCT 1530 is taken above.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 3100</td>
<td>People and the Environment</td>
</tr>
<tr>
<td>BIOL 3133</td>
<td>Evolution and Ecology</td>
</tr>
<tr>
<td>BIOL 4540</td>
<td>Principles of Ecology</td>
</tr>
<tr>
<td>BIOL 4550</td>
<td>Biology of Marine Organisms</td>
</tr>
<tr>
<td>BIOL 5250</td>
<td>Limnology</td>
</tr>
<tr>
<td>BIOL 5346</td>
<td>Agroecology</td>
</tr>
<tr>
<td>BIOL 5400</td>
<td>Barrier Island Ecology</td>
</tr>
<tr>
<td>BIOL 5470</td>
<td>Marine Pollution</td>
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<tr>
<td>BIOL 5530</td>
<td>Wildlife Management</td>
</tr>
<tr>
<td>BIOL 5534</td>
<td>Conservation Biology</td>
</tr>
<tr>
<td>BIOL 5542</td>
<td>Aquatic Ecology</td>
</tr>
<tr>
<td>BIOL 5546</td>
<td>Plant Ecology</td>
</tr>
<tr>
<td>BIOL 5547</td>
<td>Marine Ecology</td>
</tr>
<tr>
<td>COMS/AAST 4337</td>
<td>Rhetoric of Social Movements 3</td>
</tr>
<tr>
<td>CHEM 4220</td>
<td>Chemistry of Biofuels</td>
</tr>
<tr>
<td>CHEM 4320</td>
<td>Green Chemistry</td>
</tr>
<tr>
<td>CHEM 5110</td>
<td>Environmental Chemistry</td>
</tr>
<tr>
<td>CSDS 4050</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>ECON 4337</td>
<td>Environmental Economics</td>
</tr>
<tr>
<td>ENGL 5280</td>
<td>Literature and the Environment</td>
</tr>
<tr>
<td>GEOG 3330</td>
<td>Weather and Climate 2</td>
</tr>
<tr>
<td>GEOG 5231</td>
<td>Economic Geography</td>
</tr>
<tr>
<td>GEOG 5435</td>
<td>Nature and Society</td>
</tr>
<tr>
<td>GEOG 5530</td>
<td>Cultural Geography</td>
</tr>
<tr>
<td>GEOG 5531</td>
<td>Environmental Impact and Remediation</td>
</tr>
<tr>
<td>GEOL 5230</td>
<td>Earth Science 2</td>
</tr>
<tr>
<td>GEOL 5740</td>
<td>Sea Turtle Natural History 3</td>
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<tr>
<td>HIST 3580</td>
<td>Environmental History</td>
</tr>
<tr>
<td>HSCC 3140</td>
<td>Epidemiology</td>
</tr>
<tr>
<td>HSCC 3760</td>
<td>Environmental and Community Health Issues</td>
</tr>
<tr>
<td>INDS 3530</td>
<td>Sustainability for the Built Environment 3</td>
</tr>
<tr>
<td>INTS 3230</td>
<td>Global Issues</td>
</tr>
<tr>
<td>INTS 3571</td>
<td>Development and Sustainability</td>
</tr>
<tr>
<td>INTS 3573</td>
<td>Sustainable Ocean Policy</td>
</tr>
<tr>
<td>NTFS 3631</td>
<td>Sustainable Foods 3</td>
</tr>
<tr>
<td>OCEA 3100</td>
<td>Introduction to Oceanography</td>
</tr>
<tr>
<td>PHIL 3334</td>
<td>Environmental Ethics 3</td>
</tr>
<tr>
<td>POLS 3231</td>
<td>Environmental Politics 3</td>
</tr>
<tr>
<td>POLS 3236</td>
<td>International Relations 3</td>
</tr>
<tr>
<td>POLS 4137</td>
<td>Politics of the Global South 3</td>
</tr>
<tr>
<td>PUBH 3136</td>
<td>Principles of Environmental Health</td>
</tr>
<tr>
<td>PUBH 3331</td>
<td>Stress Theory and Management in Health Promotion 2</td>
</tr>
<tr>
<td>PUBH 5520</td>
<td>Introduction to Public Health 3</td>
</tr>
<tr>
<td>RECR 3230</td>
<td>Adventure Education 3</td>
</tr>
<tr>
<td>RECR 3235</td>
<td>Outdoor Recreation Management 2</td>
</tr>
<tr>
<td>RECR 4230</td>
<td>Environmental Education and Interpretation 2</td>
</tr>
<tr>
<td>SOCI 3335</td>
<td>Social Change</td>
</tr>
<tr>
<td>SOCI 3435</td>
<td>Environmental Sociology</td>
</tr>
<tr>
<td>TCM 5330</td>
<td>Green Building and Sustainable Construction</td>
</tr>
<tr>
<td>TSEC 5333</td>
<td>Industrial Hygiene and Ergonomics 3</td>
</tr>
<tr>
<td>TSEC 5334</td>
<td>Hazardous Waste Management</td>
</tr>
<tr>
<td>TSEC 5336</td>
<td>Environmental Law 3</td>
</tr>
</tbody>
</table>

**Environmental Sustainability Practicum:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUST 4730</td>
<td>Practicum in Environmental Sustainability</td>
</tr>
</tbody>
</table>

Total Credit Hours: 18

1. An additional 12 credit hours of courses with significantustainability dimension in at least two disciplines other than the major must be completed. Courses may be selected from the list of courses below approved for the concentration. Other courses must be approved by the Director of the Center for Sustainability.
2. Permission of instructor
3. Courses with no prerequisites
4. Practicum in Environmental Sustainability (SUST 4730) is a capstone project in sustainability, conducted with a faculty mentor (generally in the home department) and coordinated by the Director of the Center for Sustainability.

**Department of Chemistry and Biochemistry**

The Department of Chemistry and Biochemistry offers a well-balanced program for the education of its students. To prepare students for their professional careers, the Department is committed to providing quality teaching and research experiences emphasizing critical and independent thought. The curriculum provides strong innovative instruction in the theory and practice of the chemical and biochemical sciences. The programs are designed to introduce students to modern laboratory methods and technology using state-of-the-art scientific equipment. The faculty is committed to providing an environment that addresses the individual needs of each student and encourages them to develop their potential through lifelong learning and to be responsible members of their profession and community.

**Programs**

**Majors**

- Biochemistry B.S. (p. 226)
- Chemistry B.A. (p. 228)
- Chemistry B.S. (p. 228)

**Minors**

- Biochemistry Minor (p. 227)
- Chemistry Minor (p. 229)

**Biochemistry B.S.**

**Degree Requirements: 124 Credit Hours**

<table>
<thead>
<tr>
<th>General Requirements (Core A - E)</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area A2 -- Must take MATH 1112, MATH 1113 or MATH 1441</td>
<td></td>
</tr>
</tbody>
</table>
Area DII -- Must take MATH 1441 if not taken in Area A2 above

Additional Requirements 

Area F - Courses Appropriate to Major

CHEM 1211 Principles of Chemistry I
& 1211L and Principles of Chemistry I Laboratory
or CHEM 1211K Principles of Chemistry I

CHEM 1212 Principles of Chemistry II
& 1212L and Principles of Chemistry II Laboratory
or CHEM 1212K Principles of Chemistry II

MATH 2242 Calculus II

PHYS 2211K Principles of Physics I (if not taken in Area D1)

PHYS 2212K Principles of Physics II (if not taken in Area D1)

If any of the above courses are taken in Area D, student should take additional Area D or advisor-approved chemistry, biology, or computer science courses (below 3000-level) to complete Area F

Major Specific Requirements

Carry over from MATH 1441 Calculus I in Area A or Area D
Carry over from CHEM 2211K/CHEM 2212K Principles of Chemistry I/II in Area F

BIOL 1107 Principles of Biology I
& 1107L and Principles of Biology I Laboratory
(may count in Area D or F, if needed)

BIOL 1108 Principles of Biology II
& 1108L and Principles of Biology Laboratory II
(may count in Area D or F, if needed)

Major Requirements

BCHM 2910 Introduction to Biochemical Research
BCHM 3100 Bioinstrumental Chemistry
BCHM 3310 Bioinorganic Chemistry
BCHM 3510 Biophysical Chemistry
BCHM 5201 Biochemistry I
BCHM 5202 Biochemistry II
BIOL 3134 Cell and Molecular Biology
CHEM 2100 Analytical Chemistry
CHEM 3401 Organic Chemistry I
CHEM 3402 Organic Chemistry II

Select two credit hours from the list below:

BCHM 3310L Bioinorganic Laboratory
BCHM 3511L Biophysical Laboratory
BCHM 4991 Advanced Biochemical Research

Students must complete 3 additional hours of upper level (BCHM 3000 and above) biochemistry coursework

Students must complete 3 additional hours of advisor-approved upper level (BIOL 3000 and above) biology coursework

Elective

Select additional elective courses

Must include at least 2 hours of upper-division (3000-level and above) coursework

Total Credit Hours

While CHEM 1211K/1212K Principles of Chemistry I/II are 4 credit hours, only 3 credit hours will be counted toward Area F. The remaining credit hour of each will be applied toward Major Specific Requirements.

2 May not include BCHM 3200 Principles of Biochemistry

Program Admission Criteria

• Students who wish to change their major to Biochemistry must have a total institution GPA of 2.0 or better in all coursework completed at Georgia Southern.
• Transfer students from other institutions who wish to major in Biochemistry must have a GPA of 2.0 or better on all credit hours attempted at other institutions as well as those hours attempted at Georgia Southern.

Other Program Requirements

• Biochemistry majors must maintain a “C” average in all major coursework which applies toward graduation.

Honors in Biochemistry

To graduate with Honors in Biochemistry, a student must:

• be admitted to the University Honors Program
• complete a capstone project equivalent to three credit hours with a measurable outcome approved by the Department of Chemistry & Biochemistry
• maintain a 3.3 overall GPA, including a minimum GPA of 3.5 in all major courses applied toward graduation.

This degree is certified by the American Chemical Society (ACS) as well as the American Society for Biochemistry and Molecular Biology (ASBMB).

Biochemistry Minor

Prerequisite(s)

CHEM 1211 Principles of Chemistry I
& 1211L and Principles of Chemistry I Laboratory
or CHEM 1211K Principles of Chemistry I

CHEM 1212 Principles of Chemistry II
& 1212L and Principles of Chemistry II Laboratory
or CHEM 1212K Principles of Chemistry II

Upper Division Electives

3 additional hours of BCHM courses at the 3000 or 4000 level

Total Credit Hours

Minors Program

CHEM 3401 Organic Chemistry I
CHEM 3402 Organic Chemistry II
BCHM 5201 Biochemistry I
BCHM 5202 Biochemistry II

Upper Division Electives

3 additional hours of BCHM courses at the 3000 or 4000 level

Total Credit Hours
Chemistry B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>General Requirements (Core A - E)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area A2 -- Must take MATH 1112, MATH 1113 or MATH 1441</td>
<td>42</td>
</tr>
<tr>
<td>Area DII -- Must take MATH 1441 if not taken in Area A2 above</td>
<td></td>
</tr>
</tbody>
</table>

| Additional Requirements | 4 |

<table>
<thead>
<tr>
<th>Area F - Courses Appropriate to Major</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1211K Principles of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>or CHEM 1211 &amp; 1211L Principles of Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1212K Principles of Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>or CHEM 1212 &amp; 1212L Principles of Chemistry II Laboratory</td>
<td></td>
</tr>
<tr>
<td>MATH 2242 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2211K Principles of Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2212K Principles of Physics II</td>
<td>4</td>
</tr>
<tr>
<td>Additional hours of chemistry, biology, or computer science (if needed)</td>
<td></td>
</tr>
</tbody>
</table>

Major Specific Requirements

Carry over from MATH 1441 Calculus I in Area A or Area D
Carry over from CHEM 2211K/2212K Principles of Chemistry I/II in Area F
CHEM 2100 Analytical Chemistry | 4 |
CHEM 2900 Principles of Chemistry Research | 3 |

Major Requirements

CHEM 3300 Inorganic Chemistry | 4 |
CHEM 3401 Organic Chemistry I | 4 |
CHEM 3402 Organic Chemistry II | 4 |
CHEM 3501 Chemical Kinetics and Thermodynamics | 4 |
BCHM 5201 Biochemistry I | 4 |
Students must complete 8 additional hours of upper-level chemistry or biochemistry coursework (3000-level and above, not to include BCHM 3200 Principles of Biochemistry) | 8 |

Foreign Language Requirements (1002 Level)

Completion through 1002-level Foreign Language* | 0-3 |

Minor (Required)

Select 15 credit hours of Minor | 15 |

Electives

Select 5-16 credit hours of Electives | 5-16 |
Must include at least 2 hours of upper-division (3000-level and above) coursework |  |
Total Credit Hours | 124 |

* May be satisfied by a secondary school background showing two (2) years or more of preparation in a single language.
1 While Principles of Chemistry I (CHEM 1211K) and Principles of Chemistry II (CHEM 1212K) are 4 credit hours, only 3 credit hours will be counted toward Area F. The remaining credit hour of each will be applied toward Major Specific Requirements.
2 a maximum of 4 cr hrs of Chemical Research Experience (CHEM 4900) and/or CHEM 4790, and only 1 cr hr of Teaching Internship in Chemistry (CHEM 3700) may be counted toward the upper-level chemistry coursework.

Program Admission Criteria

- Students who wish to change their major to Chemistry must have a total institution GPA of 2.0 or better in all coursework completed at Georgia Southern.
- Transfer students from other institutions who wish to major in Chemistry must have a GPA of 2.0 or better on all credit hours attempted at other institutions as well as those hours attempted at Georgia Southern.

Other Program Requirements

- Chemistry majors must maintain a “C” average in all major coursework which applies toward graduation.

Honors in Chemistry

To graduate with Honors in Chemistry, a student must:

- be admitted to the University Honors Program
- complete a capstone project equivalent to three credit hours with a measurable outcome approved by the Department of Chemistry & Biochemistry
- maintain a 3.3 overall GPA, including a minimum GPA of 3.5 in all major courses applied toward graduation

This degree is certified by the American Chemical Society (ACS).

Chemistry B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

<table>
<thead>
<tr>
<th>General Requirements (Core A - E)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area A2 -- Must take MATH 1112, MATH 1113 or MATH 1441</td>
<td>42</td>
</tr>
<tr>
<td>Area DII -- Must take MATH 1441 if not taken in Area A2 above</td>
<td></td>
</tr>
</tbody>
</table>

| Additional Requirements | 4 |

<table>
<thead>
<tr>
<th>Area F - Courses Appropriate to Major</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1211K Principles of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>or CHEM 1211 &amp; 1211L Principles of Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1212K Principles of Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>or CHEM 1212 &amp; 1212K Principles of Chemistry II Laboratory</td>
<td></td>
</tr>
<tr>
<td>MATH 2242 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2211K Principles of Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2212K Principles of Physics II</td>
<td>4</td>
</tr>
<tr>
<td>Additional hours of chemistry, biology, or computer science (if needed)</td>
<td></td>
</tr>
</tbody>
</table>

Major Specific Requirements

Carry over from MATH 1441 Calculus I in Area A or Area D
Carry over from CHEM 2211K/2212K Principles of Chemistry I/II in Area F
CHEM 2100 Analytical Chemistry | 4 |
CHEM 2900 Principles of Chemistry Research | 3 |

Major Requirements

CHEM 3300 Inorganic Chemistry | 4 |
CHEM 3401 Organic Chemistry I | 4 |
CHEM 3402 Organic Chemistry II | 4 |
CHEM 3501 Chemical Kinetics and Thermodynamics | 4 |
BCHM 5201 Biochemistry I | 4 |
Students must complete 8 additional hours of upper-level chemistry or biochemistry coursework (3000-level and above, not to include BCHM 3200 Principles of Biochemistry) | 8 |

Foreign Language Requirements (1002 Level)

Completion through 1002-level Foreign Language* | 0-3 |

Minor (Required)

Select 15 credit hours of Minor | 15 |

Electives

Select 5-16 credit hours of Electives | 5-16 |
Must include at least 2 hours of upper-division (3000-level and above) coursework |  |
Total Credit Hours | 124 |

* May be satisfied by a secondary school background showing two (2) years or more of preparation in a single language.
Chemistry Minor

Prerequisite(s)

CHEM 1211K or CHEM 1212K

Credit Hours

CHEM 1211K Principles of Chemistry I 4
CHEM 1211 or CHEM 1211L Principles of Chemistry I and Principles of Chemistry I Laboratory 4
CHEM 1212K Principles of Chemistry II 4
CHEM 1212 or CHEM 1212L Principles of Chemistry II and Principles of Chemistry II Laboratory 4

Total Credit Hours 8

Minor Program

The Chemistry Minor requires 15 credit hours of CHEM coursework at or above the 2100 level of which 9 credit hours must be upper division courses (may NOT include Principles of Chemistry Research (CHEM 2900), and may include at most 1 credit hour of either Teaching Internship in Chemistry (CHEM 3700) or Chemistry Internship (CHEM 4790)).

For individuals seeking teacher certification through MAT, the following courses are strongly recommended as part of the 15 credit hours requirement.

Credit Hours

CHEM 2100 Analytical Chemistry 4
CHEM 3401 Organic Chemistry I 4

For further information regarding Certification, please refer to the College of Education (p. 145) section.

Department of Geology and Geography

The Department of Geology and Geography offers a balance of teaching, research, and service to the region served by the University, and beyond. Areas of focus among geology faculty include igneous and metamorphic petrology, paleontology, sedimentology, structural geology, hydrogeology, geochemistry, coastal geology, environmental geology, and natural history of the Coastal Plain. Geography faculty interests include geomorphology, geospatial analysis, economic geography, health geography, cultural geography, urban geography, coastal wetlands, ecohydrology, hazards, and biogeography. Both programs emphasize the application of Geographic Information Science.

Programs

Majors

• Geography B.A. (p. 230)
• Geography B.S. (p. 230)
• Geology B.A. (p. 231)
• Geology B.S. (p. 232)

Minors

• Geographic Information Science Minor (p. 230)
• Geography Minor (p. 231)
• Geology Minor (p. 233)
Geographic Information Science Minor

Minor Program
(Upper Division)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 3440</td>
<td>Introduction to GIS and Cartography</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 4542</td>
<td>Intermediate GIS</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 5441</td>
<td>Remote Sensing</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 5540</td>
<td>Advanced GIS</td>
<td>4</td>
</tr>
<tr>
<td>or GEOG 5091</td>
<td>Applied GIS</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours: 16

Geography B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core A – E) 42
Additional Requirements 4
Area F - Courses Appropriate to Major 18

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language 2002 - Intermediate II</td>
<td></td>
</tr>
<tr>
<td>STAT 1401</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>ANTH 1102</td>
<td>Introduction to Anthropology</td>
</tr>
<tr>
<td>HIST 1111</td>
<td>World History I: Development of World Civilization</td>
</tr>
<tr>
<td>INTS 2130</td>
<td>Introduction to International Studies</td>
</tr>
<tr>
<td>PHIL 2020</td>
<td>Critical Thinking</td>
</tr>
<tr>
<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
</tr>
</tbody>
</table>

Major Requirements 60

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1101</td>
<td>Introduction to Human Geography</td>
</tr>
<tr>
<td>GEOG 1111</td>
<td>Physical Geography</td>
</tr>
<tr>
<td>GEOG 3440</td>
<td>Introduction to GIS and Cartography</td>
</tr>
<tr>
<td>GEOG 5441</td>
<td>Remote Sensing</td>
</tr>
<tr>
<td>AAST 3230</td>
<td>Introduction to Africa and Its Diaspora</td>
</tr>
<tr>
<td>ANTH 2431</td>
<td>Cultural Anthropology</td>
</tr>
<tr>
<td>INTS 3230</td>
<td>Global Issues</td>
</tr>
</tbody>
</table>

Major Electives:
Select 15 credit hours of Minor (Strongly recommend minor in GIS)

Total Credit Hours 124

Program Requirements

- Geography majors must maintain an overall 2.0 GPA across all Geography coursework (any course with GEOG prefix).

Honors in Geography

Students majoring in Geography (BS or BA) may pursue an Honors in Geography program. Students are required to have a minimum GPA of 3.2 after 45 credit hours of coursework and approval of Geology and Geography faculty to commence the Honors program.

To graduate with Honors in Geography, a student must:

- Be admitted to the University Honors Program;
- Complete GEOG 4831 with a grade of B or higher;
- Complete GEOG 4120 (with a grade of B or higher), GEOG 4830, and GEOG 4831 for a total of 8 credit hours;
- Successfully complete and present an Honors Thesis or Capstone Project;
- Be in good standing in the University Honors Program at the time of graduation.

Geography B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core A – E) 42
Area A2 -- Must take MATH 1112, MATH 1113 or MATH 1441
Additional Requirements 4
Area F - Courses Appropriate to Major 18

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1111</td>
<td>Physical Geography</td>
</tr>
<tr>
<td>MATH 1441</td>
<td>Calculus I</td>
</tr>
<tr>
<td>STAT 1401</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>BIOG 1103</td>
<td>Concepts of Biology</td>
</tr>
<tr>
<td>&amp; 1103L</td>
<td>and Concepts of Biology Laboratory</td>
</tr>
<tr>
<td>or BIOL 1110L</td>
<td>Concepts of Biology Trad. Lab</td>
</tr>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
</tr>
<tr>
<td>or CHEM 1211</td>
<td>Principles of Chemistry I Laboratory</td>
</tr>
<tr>
<td>&amp; 1211L</td>
<td></td>
</tr>
<tr>
<td>GEOL 1121</td>
<td>Introduction to the Earth</td>
</tr>
<tr>
<td>GEOL 1340</td>
<td>Environmental Geology</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
</tr>
</tbody>
</table>

Major Requirements 60

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1101</td>
<td>Introduction to Human Geography</td>
</tr>
<tr>
<td>GEOG 3440</td>
<td>Introduction to GIS and Cartography</td>
</tr>
<tr>
<td>GEOG 4120</td>
<td>Introduction to Research</td>
</tr>
<tr>
<td>GEOG 4542</td>
<td>Intermediate GIS</td>
</tr>
<tr>
<td>GEOG 5441</td>
<td>Remote Sensing</td>
</tr>
</tbody>
</table>

Major Electives:
Select 24 hours of Upper Division Geography courses (GEOG 3000-level and above)

Minor (Approved by advisor)
May include no more than 2 hours of GEOG 3790 - Teaching Internship in Geography and 6 hours of GEOG 5890 - Directed Study

Electives
Select 13-19 credit hours of Electives (must include at least 1 hour of upper-division (3000-level and above) coursework)

Foreign Language (2001 Level)
Completion through 2001-level Foreign Language 2

Total Credit Hours 124

1 Students pursuing Senior Thesis Research must earn a minimum grade of B in Introduction to Research (GEOG 4120), have a minimum overall GPA of 3.0 upon completion of Introduction to Research (GEOG 4120), and complete Senior Thesis Research I (GEOG 4830) and Senior Thesis Research II (GEOG 4831).

2 May be satisfied by a secondary school background showing three (3) years or more of preparation in a single language

Program Requirements

• Geography majors must maintain an overall 2.0 GPA across all Geography coursework (any course with GEOG prefix).

Honors in Geography

Students majoring in Geography (BS or BA) may pursue an Honors in Geography program. Students are required to have a minimum GPA of 3.2 after 45 credit hours of coursework and approval of Geology and Geography faculty to commence the Honors program.

To graduate with Honors in Geography, a student must:

• Be admitted to the University Honors Program;
• Complete Senior Thesis Research II (GEOG 4831) with a grade of B or higher;
• Complete Introduction to Research (GEOG 4120) (with a grade of B or higher), Senior Thesis Research I (GEOG 4830) and Senior Thesis Research II (GEOG 4831) for a total of 8 credit hours;
• Successfully complete and present an Honors Thesis or Capstone Project;
• Be in good standing in the University Honors Program at the time of graduation.

Geography Minor

Minor Program

GEOG 1101 Introduction to Human Geography 3 or GEOG 1111 Physical Geography
or GEOG 1130 World Regional Geography

GEOG - 12 credit hours of Upper Division courses (3000-level and above) 12

Total Credit Hours 15

For individuals seeking teacher certification through MAT, the following list of courses is recommended.

Highly Recommended

GEOG 3330 Weather and Climate 3

GEOG 5530 Cultural Geography 3

Recommended

Select 9 credit hours of the following:

GEOG 4232 Geography of Latin America
GEOG 4233 Geography of Asia
GEOG 4430 Geography of Europe
GEOG 5230 Urban Geography
GEOG 5231 Economic Geography
GEOG 5330 Population Geography
GEOG 5430 Political Geography
GEOG 5435 Nature and Society
GEOG 5535 Biogeography
GEOG 5590 Field Studies in Geography

Total Credit Hours 15

For further information regarding Certification, please refer to the College of Education (p. 145) section.

Geology B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core A – E) 42
Area A2 -- Must take MATH 1112, MATH 1113 or MATH 1441

Additional Requirements 4

Area F - Courses Appropriate to Major
Students must complete CHEM 1211K, CHEM 1212K, GEOL 1121, and GEOL 1122 if not taken in Area D

CHEM 1211K Principles of Chemistry I 4
or CHEM 1211 & 1211L Principles of Chemistry I and Principles of Chemistry I Laboratory

CHEM 1212K Principles of Chemistry II 4
or CHEM 1212 & 1212L Principles of Chemistry II and Principles of Chemistry II Laboratory

GEOL 1121 Introduction to the Earth (if not taken in Area D1) 0-4

GEOL 1122 General Historical Geology (if not taken in Area D2) 1-4

Electives
Select from the following: 2-9

BIOL 1103 Concepts of Biology
or BIOL 1103L Concepts of Biology and Concepts of Biology Laboratory (or BIOL 1110L)

MATH 1441 Calculus I
MATH 2242 Calculus II

PHYS 1111K Introductory Physics I
PHYS 1112K Introductory Physics II

STAT 1401 Elementary Statistics

Major Requirements

GEOL 3541 Mineralogy 4
GEOL 3542 Petrology and Petrography 4
GEOL 5142 Stratigraphy and Sedimentation 4
GEOL 5440 Structural Geology 4
Geology Electives (Must include 9 credit hours of GEOL 3000-level or above)

Electives
Must include at least 5 credit hours of upper-division (3000-level and above) coursework

Foreign Language (2002 Level)
Completion through 2002-level Foreign Language
Minor: Must be approved by advisor
Select 15 credit hours of Minor coursework

Total Credit Hours
124

1 May be satisfied by a secondary school background showing four (4) years or more of preparation in a single language

Program Requirements

- Geology majors must maintain an overall 2.0 GPA across all Geology coursework (any course with GEOL prefix).

Honors in Geology

Students majoring in Geology (BS or BA) may pursue an Honors in Geology program. Students are required to have a minimum GPA of 3.2 after 45 credit hours of coursework and approval of Geology and Geography faculty to commence the Honors program.

To graduate with Honors in Geology, a student must:

- Be admitted to the University Honors Program;
- Complete Senior Thesis Research II (GEOL 4831) with a grade of B or higher;
- Complete Introduction to Research (GEOL 4120) (with a grade of B or higher), Senior Thesis Research I (GEOL 4830), and Senior Thesis Research II (GEOL 4831) for a total of 8 credit hours;
- Successfully complete and present an Honors Thesis or Capstone Project;
- Be in good standing in the University Honors Program at the time of graduation.

Geology B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core A - E)

Area A2 -- Must take MATH 1112, MATH 1113, or MATH 1441
Area DII -- Must take MATH 1441 if not taken in Area A2 above

Additional Requirements

Area F - Courses Appropriate to Major

CHEM 1211K Principles of Chemistry I
or CHEM 1211 & 1211L Principles of Chemistry I Laboratory
CHEM 1212K Principles of Chemistry II
or CHEM 1212 & 1212L Principles of Chemistry II Laboratory
GEOL 1121 Introduction to the Earth
GEOL 1122 General Historical Geology
BIOL 1103 Concepts of Biology

Major Specific Courses listed below

Additional hours as necessary may be substituted from Major Specific Courses listed below

Major Specific Requirements

Carry over from MATH 1441 Calculus I in Area A or Area D 1
Carry over from GEOL 1122 General Historical Geology in Area F
BIOL 1103L Concepts of Biology Laboratory
or BIOL 1110L Concepts of Biology Trad. Lab
MATH 2242 or STAT 1401 Calculus II
PHYS 1111K or PHYS 2211K Elementary Statistics
PHYS 1112K or PHYS 2212K Principles of Physics I
PHYS 1112K or PHYS 2212K Principles of Physics II

GEOL 3520 Field Methods
GEOL 3541 Mineralogy
GEOL 3542 Petrology and Petrography
GEOL 4120 Introduction to Research
GEOL 5142 Stratigraphy and Sedimentation
GEOL 5440 Structural Geology
Guided Elective 2

Select Option 1 or Option 2 below:

Option 1

GEOL 4830 Senior Thesis Research I
GEOL 4831 Senior Thesis Research II

Option 2

6 credit hours of 3000-level or above Geology electives (May include no more than 2 credit hours of GEOL 3790 - Teaching Internship in Geology, GEOL 5230 - Earth Science and GEOL 5231 - Oceanography may not be used to fulfill upper-level course requirements in the major.)

Foreign Language (2001 Level)
Completion through 2001-level Foreign Language

Electives
Select 7-22 credit hours of Electives (must include at least 7 credit hours of 3000-level and above coursework)

Total Credit Hours

1 While General Historical Geology (GEOL 1122) is 4 credit hours, only 3 credit hours will count toward fulfilling Area F. The remaining credit hour will be applied toward Major Specific Requirements.
2 Guided elective must be a 6 credit hour Geology field course - permission of advisor required.
3 Students pursuing Option 1 must have a minimum grade of B in Introduction to Research (GEOL 4120) and an overall GPA of 3.0 or higher upon completion of Introduction to Research (GEOL 4120), or permission of the Department Chair.
4 May be satisfied by a secondary school background showing three (3) years or more of preparation in a single language.

Program Requirements

- Geology majors must maintain an overall 2.0 GPA across all Geology coursework (any course with GEOL prefix).
Honors in Geology

Students majoring in Geology (BS or BA) may pursue Honors in Geology. Students are required to have a minimum GPA of 3.2 after 45 credit hours of coursework and approval of Geology and Geography faculty to commence the Honors program.

To graduate with Honors in Geology, a student must:

• Be admitted to the University Honors Program;
• Complete Senior Thesis Research II (GEOL 4831) with a grade of “B” or higher;
• Complete Introduction to Research (GEOL 4120) (with a grade of B or higher), Senior Thesis Research I (GEOL 4830), and Senior Thesis Research II (GEOL 4831) for a total of 8 credit hours;
• Successfully complete and present an Honors Thesis or Capstone Project;
• Be in good standing in the University Honors Program at the time of graduation.

Geology Minor

Prerequisite(s)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 1121</td>
<td>Introduction to the Earth</td>
</tr>
<tr>
<td>GEOL 1122</td>
<td>General Historical Geology</td>
</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td><strong>8</strong></td>
</tr>
</tbody>
</table>

Minor Program

Students must complete 15 additional hours of upper level geology coursework (3000-level and above, not to include GEOL 5230 or GEOL 5231).

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 3541</td>
<td>Mineralogy</td>
</tr>
<tr>
<td>GEOL 3542</td>
<td>Petrology and Petrography</td>
</tr>
<tr>
<td>GEOL 5142</td>
<td>Stratigraphy and Sedimentation</td>
</tr>
<tr>
<td>GEOL 5440</td>
<td>Structural Geology</td>
</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

For individuals seeking teacher certification through MAT, the following list of courses is recommended.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 5230</td>
<td>Structural Geology</td>
</tr>
<tr>
<td>GEOL 5231</td>
<td>Structural Geology</td>
</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

Actuarial Sciences Certificates

Policies Requirements and Standards Actuarial Sciences

This program offers students the opportunity to prepare for a career as an actuary. In order to become an actuary, one must pass a number of competency exams in certain disciplines and obtain a number of educational experiences that pertain to the field of actuarial sciences. These requirements are determined by the Society of Actuaries (SOA) and the Casualty Actuarial Society (CAS).

The purpose of this program is to prepare students for the Probability (Exam P or Exam 1) and Financial Mathematics (Exam FM or Exam 2) exams and to provide all the educational experiences listed by the Validation of Educational Experience (VEE) Requirements to become an actuary. The certificate will only be offered to students who are earning a degree while completing the requirements for the certificate; the certificate will be awarded at the time of completion of the degree. An official certificate and transcript annotation will be made upon completion of the program. In order to receive the Certificate of Actuarial Sciences, students must earn a grade of B or better in the following courses.

For individuals seeking teacher certification through MAT, please refer to the College of Education (p. 145) section.

Department of Mathematical Sciences

The Department of Mathematical Sciences offers programs of study for students interested in mathematics, mathematics education or statistics. The department is dedicated to providing students with excellent instruction that incorporates innovative instructional techniques and technologies, and with opportunities to participate with faculty in research. In their roles as teacher-scholars, the faculty maintains consistent and significant productivity, recognized at regional, national, and international levels, in basic research, applications, and pedagogy. The department is strengthened by the extensive service activities of the faculty on campus and in the community as well as through high-profile service to the profession. In addition, the department provides many areas for student involvement, including an active student organization and student competition teams.

Programs

Majors

• Mathematical Sciences B.S. (p. 234)

Minors

• Mathematical Sciences Minor (p. 234)

Certificate Requirements: 21 Credit Hours

For more information about the certificate or for a career as an actuary, please contact the Department of Mathematics.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 3211</td>
<td>Probability &amp; Statistics App I</td>
</tr>
<tr>
<td>STAT 3222</td>
<td>Probability &amp; Statistics Ap II</td>
</tr>
<tr>
<td>ECON 3231</td>
<td>Intermediate Microeconomics</td>
</tr>
<tr>
<td>ECON 3232</td>
<td>International Macroeconomics</td>
</tr>
<tr>
<td>ECON 4131</td>
<td>Applied Econometrics</td>
</tr>
<tr>
<td>FINC 3131</td>
<td>Principles of Corporate Finance</td>
</tr>
</tbody>
</table>
MATH 4200  Actuarial Science Seminar  1-3
Total Credit Hours  21

Mathematical Sciences B.S.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

Credit Hours

General Requirements (Core A – E)  42
Area A2 -- Must take MATH 1112, MATH 1113, or MATH 1441
Area DII -- Must take MATH 1441 if not taken in Area A2 above

Area F - Courses Appropriate to Major  18
Carryover from Area A2 or Area D (1)  3 of the 4 credit hours of MATH 1441 are taken in either Area A2 or Area D
MATH 2242  Calculus II (or 1 hour carryover if MATH 2242 taken in Area D plus INTS 2130)
MATH 2243  Calculus III
MATH 2160  Linear Algebra
MATH 2332  Mathematical Structures
Select one of the following Computer Science Courses or a course approved by Mathematics Advisor:
CSCI 1236  Introduction to Java Programming
CSCI 1301  Programming Principles I
CSCI 1302  Programming Principles II

Specific Requirements  10-4
Lab Science Course in addition to those taken in Area D
Foreign Language course(s) through 2001 or INTS 2130 if not completed above

Major Requirements  50-56
MATH 3230  Ordinary Differential Equations
MATH 3337  Probability
MATH 4920  Undergraduate Seminar
MATH 5331  Analysis I
MATH 5333  Modern Algebra I
STAT 5531  Statistical Methods I
Select six elective courses from MATH or STAT upper-level courses (3000 and above) not including MATH 3032, MATH 5130, MATH 5135, MATH 5137, MATH 5232, MATH 5530, or STAT 3130.

Additional Free Electives  3
Select 15-27 credit hours of additional free Electives
Carryover from Area A2 (1) if MATH 1113 is taken in Area A2

Total Credit Hours  124

1 While Calculus I (MATH 1441) is 4 credit hours, only 3 credit hours will count toward fulfilling Area A2. The remaining credit hour will be applied toward Area F.
2 Calculus I (MATH 1441) if not taken in Area A2, otherwise Calculus II (MATH 2242) is recommended
3 Students must complete at least 39 credit hours of upper division course work overall.

Other Program Requirements

A minimum grade of “C” is required for each CSCI, MATH, and STAT course taken in the major. This applies to all courses (lower and upper division). The mathematics major may not subsequently take for credit toward graduation a lower level MATH or STAT course after earning credit hour for a course that has the lower level course as a prerequisite (except by advisor’s permission).

Honors in Mathematical Sciences

To graduate with Honors in Mathematical Sciences, a student must:

• be admitted to the University Honors Program at least three semesters prior to graduation;
• successfully complete Honors Research (MATH 4825) for two semesters and Honors Thesis (MATH 4929) for a total of six credit hours;
• be in good standing in the University Honors Program at the time of graduation.

Note: Students earning the B.S. with a major in Mathematical Sciences and “Honors in Mathematical Sciences” may use the six credit hours earned through Honors Research (MATH 4825) and Honors Thesis (MATH 4929) as part of the Mathematics Electives. Therefore, these students will select four courses instead of six courses from the Mathematics Electives.

Mathematical Sciences Minor

Prerequisite(s)  Credit Hours
MATH 1441  Calculus I  4
MATH 2242  Calculus II  4
Total Credit Hours  8

Minor Program  Credit Hours
Select two of the following:  6-7
MATH 2160  Linear Algebra
MATH 2243  Calculus III
MATH 2332  Mathematical Structures
MATH - Any 3000-level or above MATH/STAT courses approved for the B.S. in Mathematical Sciences degree program  8-9
Total Credit Hours  15

Department of Military Science

The Georgia Southern University Military Science Department is charged with managing the Army’s Reserve Officer Training Corps (ROTC) program on all campuses. Army ROTC provides college-trained officers for the U.S. Army, the Army National Guard, and the U.S. Army Reserve. College-trained Army Officers are produced through a combination of college courses in military science and summer training sessions. The Professor of Military Science at Georgia Southern University administers the programs at the Statesboro and Armstrong campuses, as well as at Savannah State University and East Georgia State College - Statesboro. Students at the Georgia Southern Liberty campus wishing to enroll in Army ROTC must take their military science courses at either the Statesboro or Armstrong campus.
Programs

Majors

No results were found.

Minors

- Military Science Minor (p. 235)
- Naval Science Minor (p. 237)

Military Science Minor

Contact

Dr. George Fredrick, Scholarship & Enrollment Officer
Department of Military Science
Building 262, Room 1024
(912) 478-0040

Minor Program

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSCI 3131</td>
<td>Advanced Tactics and Applied Leadership I</td>
<td>3</td>
</tr>
<tr>
<td>MSCI 3132</td>
<td>Advanced Tactics and Applied Leadership II</td>
<td>3</td>
</tr>
<tr>
<td>MSCI 4131</td>
<td>Military Leadership and Management Seminar</td>
<td>3</td>
</tr>
<tr>
<td>MSCI 4132</td>
<td>Transition to Lieutenant</td>
<td>3</td>
</tr>
<tr>
<td>HIST 3136</td>
<td>US Foreign Relations since World War I</td>
<td>3</td>
</tr>
<tr>
<td>HIST 3230</td>
<td>American Military History</td>
<td></td>
</tr>
<tr>
<td>HIST 4531</td>
<td>World War I</td>
<td></td>
</tr>
<tr>
<td>HIST 5335</td>
<td>World War II</td>
<td></td>
</tr>
<tr>
<td>MSCI 3230</td>
<td>Readings in Military History</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours: 15

1 American Military History (HIST 3230) or Readings in Military History (MSCI 3230) preferred

Additional Minor Requirements

All students participating in the minor program for Military Science must participate in all weekly physical fitness activities, successfully pass the Army Physical Fitness Test (APFT) in accordance with FM 21-20 standards, meet all height and weight requirements in accordance with AR 600-9, participate fully in weekly labs, and successfully complete two weekend field training exercises each semester.

Military Science Non-Degree

Non-Degree Requirements: 15-32 Credit Hours

U. S. Army Reserve Officer Training Program Overview

The Department of Military Science is a Senior Division Reserve Officer Training Corps (ROTC) Instructor Group staffed by Army personnel. The department provides a curriculum that qualifies the college graduate for a commission as an officer in the U. S. Army, U. S. Army Reserve or the Army National Guard. Enrollment is open to all students. The ROTC program is designed to provide students with the knowledge and practical experience in leadership and management that will be useful in any facet of society. Additionally, each student is provided a working knowledge of the organization and function of the Department of Defense and the role of the U. S. Army in national security and world affairs. The ROTC program is divided into two main phases: the Basic Course, which is normally pursued during the freshman and sophomore years, and the Advanced Course, which is taken during the junior, senior or graduate years.

Basic Course Description

The Military Science Basic Course teaches the organization and roles of the U. S. Army and introduces essential background knowledge of customs and traditions, leadership, map reading, small unit organization, and marksmanship. These courses have the objective of developing the student’s leadership, confidence, self-discipline, integrity, and sense of responsibility. There is no obligation to continue in ROTC as a result of taking any Basic Course classes. Additionally, all students in the Basic Course are required to participate in physical training. Physical training is conducted Mondays, Wednesdays and Fridays from 0600 - 0700 hours.

Basic Course

Students may take four 2-credit hour courses (8 Credit Hours) or MSCI 2731 - Basic Military Skills Practicum (3) or a combination of the two in order to receive Basic Course credit hour.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSCI/KINS 1510</td>
<td>Mountaineering</td>
<td>1</td>
</tr>
<tr>
<td>MSCI 1111</td>
<td>Introduction to Military Science</td>
<td>1</td>
</tr>
<tr>
<td>MSCI 1122</td>
<td>Basic Military Leadership</td>
<td>2</td>
</tr>
<tr>
<td>MSCI 2121</td>
<td>Basic Military Skills</td>
<td>2</td>
</tr>
<tr>
<td>MSCI 2122</td>
<td>Basic Military Tactics</td>
<td>2</td>
</tr>
</tbody>
</table>

Basic Military Skills Practicum

MSCI 2731 Basic Military Skills Practicum (Basic Camp) (registration optional)

The Basic Camp Course is offered for those students who have not met the Basic Course requirements and desire to enroll in the Advanced Course program. This course is currently conducted at Fort Knox, Kentucky during the summer. Students may earn three credit hours for attending this course through registration at the Registrar’s Office upon completion of the course and coordination through the Military Science Department. Students attending this camp are paid and given travel allowance from their home to camp and back.

Advanced Course Description

The Military Science Advanced Course is taken during the junior/senior or graduate years. Students learn land navigation, communications, small unit tactics, patrolling, military management, staff operations, logistics, army administration, military law, ethics, and the Army system and culture. Additionally, students must satisfy Professional Military Education (PME) requirements with an approved Military History course. Students must meet eligibility requirements and sign a contract for commissioning with the U. S. Army. The general objective of these courses is to produce junior officers who will be the future officer leadership of the U. S. Army, U. S. Army Reserve, or the Army National Guard. Contracted Advanced Course students are required to attend the Advanced Camp, normally between their junior and senior academic years. This course is mandatory for all students seeking a commission in the U. S. Army but registration for university credit hour is optional. Students attending this camp are paid and given travel allowance from their home to camp and back. Students may earn three credit hours for attending this course through registration at the Registrar’s Office upon completion of the course and coordination through the Military Science Department.
Military History (HIST 3230) for a Minor.
in American

to complete 3 credit hours in military history coursework, with a preference
commission in the U.S. Army

Professional Military Education (PME) requires students seeking a
commission in the U.S. Army

Veterans, JROTC graduates (with at least four years of high school
education), and students who have completed military science courses in the
JROTC) and students who have completed military science courses in the
military preparatory schools and junior colleges are eligible for advanced
placement and are not required to participate in the Basic Course.

Program Admission Criteria

All students entering the GSU Military Science courses must have
a statement from a physician attesting that the student is capable of
participating in physical activities. This statement must be no more
than one-year old from time of entry. Students in the Basic Course can count for 3 general credit hours. Students who
are not eligible for advanced placement and who have not completed the Basic Course program may still become qualified for the advanced program. They must satisfactorily complete Basic Camp, four weeks duration, during the summer between their sophomore and junior years. Students attending this Basic Camp at a regular army post are paid and given a travel allowance from their home to camp and back. Basic Camp Course can count for 3 general credit hours. Students who have participated in four years of JROTC or are an Eagle Scout meet the requirements of the Basic Course.

• Obligation: Once a student is contracted, he or she will incur an eight year Military Service Obligation (MSO). The Cadet may elect to serve his/her MSO either on Active Duty, the National Guard or the Army Reserve. Active duty requires a minimum of four years active duty and four years Inactive Ready Reserve (IRR). The National Guard and Reserves requires eight years drill status (one weekend a month/ two weeks a year) for the entire MSO. All Cadets will incur an eight year military service obligation whether they elect to go active duty, Reserve duty or National Guard.

• Financial Assistance: All contracted Cadets are paid a subsistence allowance (Stipend) of $300- $500 per month based on college standing for up to 10 months per year. This is subject to change yearly.

• Scholarship Program: Each year the U.S. Army awards two, three, and four year scholarships to outstanding young men and women contracted in the ROTC program. In most cases, the Army pays either Room & Board or Tuition & Fees. Those students electing Room & Board will receive $5,000 per semester paid directly to the student, while those electing Tuition & Fees will have their money paid directly to the University. Scholarship winners also receive an allowance for books of $1200 per year. Individuals desiring to compete for two and three year scholarships should apply to the Military Science Department (Army ROTC) at Georgia Southern University. Some students who are enrolled in highly technical academic discipline programs and who qualify for Reserve Officers Training Corps scholarship benefits may be required to take an academic course load that will necessitate more than four academic years of study prior to graduation. It is possible to extend the Army Scholarships benefit to cover this additional period. Contact the Georgia Southern University Department of Military Science at (912) 478-0040 for further information.

• Army Reserve Officer Training Corps Uniform, Books, And Supplies: Students enrolling in the Army ROTC program will be issued U.S. Army uniforms, most ROTC required books, and supplies by the Military Science Department. Uniforms and equipment must be returned before commissioning or upon disenrollment from the Reserve Officers Training Corps program.
Advisement

Department of Military Science, Military Science Building, (912) 478-5320. Students will complete a CC 104R that will map out their college courses until graduation.

Naval Science Minor

Policies Requirements and Standards

Naval Science General Information

Naval Reserve Officer Training Corps (NROTC) prepares students for commissioned service as regular or reserve officers in the Navy and Marine Corps. Students enrolled in the NROTC program take additional course work which grants them specialized knowledge and skills in a very specific area covering all aspects of Naval operations. Students with successful completion of 15 hours of specified coursework should be granted a Minor in Naval Science.

Advanced Program (Navy Option): 12 Credit Hours

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tr>
<td>NSCI 2101</td>
<td>Naval Ships Systems I (Engineering)</td>
<td>3</td>
</tr>
<tr>
<td>NSCI 3003</td>
<td>Navigation I</td>
<td>6</td>
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<td>&amp; NSCI 3004</td>
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Additional and Substitute Requirements (Required of all Midshipmen): 12 Credit Hours

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Naval Drill (NSCI 4050) is required each academic term of all midshipmen.
Sailing (NSCI 1003) and Naval Drill (NSCI 4050) satisfy the university physical education requirement.

Minor Requirements: 15 Credit Hours

Select one of the following specific tracks of course work:

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</tbody>
</table>

Additional Requirements

Navy Scholarship Midshipmen

• One year of calculus (completed before the junior year): 6 credit hours
• One year of calculus-based physics (completed before senior year): 6 credit hours
• Computer science: 3 credit hours
• Military history and political science: 6 credit hours

Department of Physics and Astronomy

The mission of the Department of Physics at Georgia Southern University is four-fold. First, to provide its majors with a strong, basic undergraduate physics/astronomy education that will serve them whether they pursue an advanced degree in physics, a professional career in medicine or dentistry, a career in industry or in science education. Second, to provide excellent instruction in introductory physics and astronomy to non-majors. Third, to conduct original research in physics and astronomy that is recognized at regional, national, and international levels. Fourth, to foster an interest in science in the community and the region.

Programs

Majors

• Physics and Astronomy B.A. (p. 237)
• Physics B.S. (p. 238)

Minors

• Physics Minor (p. 239)

Physics and Astronomy B.A.

Degree Requirements: 124 Credit Hours

See Core Curriculum for required courses in Area A1 through Area E.

General Requirements (Core A - E)

Area A2 -- Must take MATH 1112, MATH 1113, or MATH 1441
Area DII -- Must take MATH 1441 if not taken in Area A2 above

Additional Requirements

<table>
<thead>
<tr>
<th>Area F - Courses Appropriate to Major</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 1010 Astronomy of the Solar System</td>
<td>2</td>
</tr>
<tr>
<td>ASTR 1020 Stellar and Galactic Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2242 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2211K Principles of Physics I</td>
<td>6</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>60</td>
</tr>
<tr>
<td>-------------------</td>
<td>----</td>
</tr>
<tr>
<td>PHYS 2212K Principles of Physics II</td>
<td></td>
</tr>
<tr>
<td>PHYS 3536 Modern Physics I</td>
<td></td>
</tr>
<tr>
<td>PHYS 3537 Modern Physics II</td>
<td></td>
</tr>
<tr>
<td>PHYS 4421 Advanced Physics Lab I</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following Teaching Internship Courses:

- ASTR 3790 Teaching Internship in Astronomy
- PHYS 3790 Teaching Internship in Physics

Students must complete 12 credit hours of Advisor approved upper level Astronomy or Physics courses.

<table>
<thead>
<tr>
<th>Foreign Language (2002 Level)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Completion through 2002-level Foreign Language</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Minor</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 15 credit hours of Minor</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 15-24 credit hours of Electives</td>
<td></td>
</tr>
</tbody>
</table>

Students interested in seeking Teacher Certification through the Masters of Arts in Teaching program should take introductory courses from the College of Education aimed to explore careers in teaching including:

- EDUC 2090 PPB Practicum
- EDUC 2110 Investigating Critical and Contemporary Issues in Education
- EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts
- EDUC 2130 Exploring Learning and Teaching

**Total Credit Hours**: 124

1 While Calculus I (MATH 1441) is 4 credit hours, only 3 credit hours will count toward fulfilling Area A2. The remaining credit hour will be applied toward Electives.

2 Students must complete Calculus I (MATH 1441) and Calculus II (MATH 2242)

3 May be satisfied by a secondary school background showing four (4) years or more of preparation in a single language

4 Students must complete at least 39 credit hours of upper-division course work overall.

**Honors in Physics**

To graduate with Honors in Physics, a student must:

- be admitted to the University Honors Program;
- complete 3-credit hours in honors PHYS 5890 or ASTR 5890 (in a minimum of two regular semesters);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.

**Physics B.S.**

**Degree Requirements: 124 Credit Hours**

*See Core Curriculum for required courses in Area A1 through Area E.*

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Requirements (Core A – E)</td>
<td>42</td>
</tr>
</tbody>
</table>

Area A2 -- Must take MATH 1112, MATH 1113 or MATH 1441

<table>
<thead>
<tr>
<th>Additional Requirements</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area F - Courses Appropriate to Major</td>
<td>18</td>
</tr>
</tbody>
</table>

- MATH 2242 Calculus II
- MATH 2243 Calculus III
- PHYS 2211K Principles of Physics I (if not taken in Area D)
- PHYS 2212K Principles of Physics II (if not taken in Area D)

Additional hours in physics, astronomy, math, computer science or chemistry

<table>
<thead>
<tr>
<th>Specific Requirements</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3230 Ordinary Differential Equations</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>57</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 3536 Modern Physics I</td>
<td></td>
</tr>
<tr>
<td>PHYS 3537 Modern Physics II</td>
<td></td>
</tr>
<tr>
<td>PHYS 4421 Advanced Physics Lab I</td>
<td></td>
</tr>
<tr>
<td>PHYS 4422 Advanced Physics Lab II</td>
<td></td>
</tr>
<tr>
<td>PHYS 5151 Classical Mechanics</td>
<td></td>
</tr>
<tr>
<td>PHYS 5152 Classical E and M Theory</td>
<td></td>
</tr>
<tr>
<td>PHYS 5530 Thermal Physics</td>
<td></td>
</tr>
<tr>
<td>PHYS 5557 Quantum Mechanics</td>
<td></td>
</tr>
</tbody>
</table>

Students must complete 5 credit hours of Advisor approved upper level Physics or Astronomy courses.

<table>
<thead>
<tr>
<th>Electives</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 24 credit hours of Electives</td>
<td></td>
</tr>
</tbody>
</table>

Carryover from Physics Electives, if applicable (3)

**Total Credit Hours**: 124

1 While Calculus I (MATH 1441) is 4 credit hours, only 3 credit hours will count toward fulfilling Area A2. The remaining credit hour will be applied toward Electives.

2 Students must complete Calculus I (MATH 1441), Calculus II (MATH 2242), and Calculus III (MATH 2243)

3 Must contain at least 3 hours of upper-division coursework.

**Other Program Requirements**

- Students must successfully complete the Major Field Test as a departmental exit exam.

**Honors in Physics**

To graduate with Honors in Physics, a student must:

- be admitted to the University Honors Program;
- complete 3-credit hours in honors PHYS 5890 or ASTR 5890 (in a minimum of two regular semesters);
- successfully complete and present an Honors Thesis or Capstone Project;
- be in good standing in the University Honors Program at the time of graduation.
Physics Minor

Prerequisite(s)

Select one 8-credit hour sequence from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 1111K</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 1112K</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Credit Hours 8

Minor Program

Select 15 credit hours of Upper Division (3000-level and above) ASTR or PHYS coursework:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PHYS 3536</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 3537</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Credit Hours 15

1 For further information regarding Certification, please refer to the College of Education (p. 145) section.

Medical Professions Advising

Programs Supported

Pre-Medicine  
Pre-Dentistry  
Pre-Pharmacy  
Pre-Physician Assistant  
Pre-Veterinary Medicine  
Pre-Optometry

The Office of Medical Professions Advising provides supplemental advice, coaching, and guidance for students navigating future careers in the following health professions: medicine, dentistry, pharmacy, physician assistant, veterinary medicine, and optometry.

Two full-time advisors are dedicated to providing exceptional services to medical pre-professional students, inspiring them to become informed decision makers and successful, competitive applicants for health professional school. The mission of the office reflects the University’s: to cultivate a culture of engagement that bridges theory with practice, extends the learning environments beyond the classroom, and promotes student growth and life success.

In addition to providing advisement and coaching services, Medical Professions Advising coordinates an exciting schedule of events, including information meetings, development workshops, and information sessions with representatives from health professional schools. These sessions complement and reinforce information students gain through advisement appointments, and assist students in broadening their perspectives of the medical professions.

Eligibility

A competitive GPA is essential when considering a career in a professional medical field. Students must maintain a minimum overall undergraduate GPA of 3.0 in order to remain in any of the pre-professional advising programs supported by Medical Professions Advising. Incoming freshmen are given two semesters of enrollment to keep and maintain the minimum GPA of 3.0. All medical pre-professional students are also required to meet with their medical professions advisor each semester (in addition to meeting with their academic advisor) in order to remain in their program. Additionally, attendance at one pre-professional programming event and submission of an annual writing prompt are required to remain in the medical advising program. Eligibility checks are conducted after each semester.

Medical Professions Review Board

Medical and dental schools require students to obtain letters of recommendation for admission, with most schools requesting a composite letter from the student’s undergraduate institution. The Medical Professions Review Board (a committee of faculty and staff members appointed by the dean of the College of Science and Mathematics) assists eligible students with this process by writing a letter of recommendation on behalf of Georgia Southern University. There are several steps involved in obtaining the Review Board letter, and the process begins as early as freshman year. Interested students are encouraged to meet with their medical professions advisor to discuss the process and requirements as early as possible. Pharmacy, physician assistant, veterinary medicine, and optometry programs do not typically require board letters for application. However, students pursuing these programs who do wish to have a board letter are encouraged to speak with their medical professions advisor to discuss the process.

Contact Information

For more information on Medical Professions Advising services, programs, or events at the Statesboro, Armstrong, or Liberty campuses, please call or email our staff.  
Phone: (912) 478-7472  
Email: prehealth@georgiasouthern.edu

Secondary or P-12 Education Certification

For Those Interested in Secondary Education (Grades 6-12) Certification with a BIOLOGY Degree

Students who plan to seek teacher certification after completion of the B.A. or B.S. Biology program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. If all B.A. or B.S. Biology requirements are met, no other biology content courses are required. However, students are strongly encouraged to pursue "broad fields" Science certification which includes the areas of biology, chemistry, earth science, and physics. To meet broad fields content requirements, in addition to the biology degree, 15 credit hours in each of TWO additional content areas (Chemistry, Physics, or Earth-Space Science) are required.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM</td>
<td>advisor recommended</td>
</tr>
<tr>
<td>PHYS</td>
<td>advisor recommended:</td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
</tr>
<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
</tr>
<tr>
<td>PHYS 3536</td>
<td>Modern Physics I</td>
</tr>
</tbody>
</table>

Earth-Space Science - advisor recommended

The following education courses may also be taken as electives while enrolled in your bachelor’s program:
Courses that a student can take as an undergraduate that will count toward certification requirements but will not count toward MAT degree requirements are:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>ITEC 3430</td>
<td>Instructional Technology for P-12 Teaching Fields</td>
<td>3</td>
</tr>
<tr>
<td>READ 3330</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>SPED 3333</td>
<td>Introduction to Special Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Education Area F “Preprofessional Block” (PPB) courses may also be taken; however the PPB courses will not count toward meeting certification requirements or MAT degree requirements. These courses can provide undergraduate students information and experiences in school settings that will help them make more informed decisions about becoming a teacher. Since the three PPB courses have USG-mandated field requirements, the following guidance should be followed:

- BA/BS/BBA majors can take the complete 9 credit hour PPB block of courses with the required 50 credit hour field experience; OR
- BA/BS/BBA majors can take Exploring Learning and Teaching (EDUC 2130) concurrently with PPB Practicum (EDUC 2090) (50 contact credit hours in a school) – total of 3 credit hours. After taking Exploring Learning and Teaching (EDUC 2130), those students can take one or both of the other PPB courses with approximately 10 credit hours of field experience with each course. These courses are:
  - Investigating Critical and Contemporary Issues in Education (EDUC 2110) (3)
  - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (EDUC 2120) (3)

For Those Interested in Secondary Education (Grades 6-12) Certification with a CHEMISTRY Degree:

Students who plan to seek teacher certification after completion of the B.A. or B.S. Chemistry program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. If all B.A. or B.S. Chemistry requirements are met, no other chemistry content courses are required. However, students are strongly encouraged to pursue “broad fields” Science certification which includes the areas of biology, chemistry, earth science, and physics. To meet broad fields content requirements, in addition to the chemistry degree, 15 credit hours in each of TWO additional content areas (Biology, Physics, or Earth-Space Science) are required.

The following education courses may also be taken as electives while enrolled in your bachelor’s program:

Courses that a student can take as an undergraduate that will count toward certification requirements but will not count toward MAT degree requirements are:

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NOTE: GACE Program Admission Assessment and GACE Content Assessment examination and 2.5 cumulative GPA requirements must be met for certification program admission and should be considered during enrollment in the bachelor’s program.

For Those Interested in Secondary Education (Grades 6-12) Certification with a GEOGRAPHY Degree:

Students who plan to seek teacher certification after completion of the B.A. or B.S. Geography program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. If all B.A. or B.S. Geography requirements are met, no other geography content courses are required. However, students are strongly encouraged to pursue certification in more than one social science field to enhance employment opportunity. Plan to complete at least 12 credit hours in one or more of the following fields: Economics, History, and/or Political Science, with advisor guidance in selection. These courses should be completed as part of the minor or electives.

The following education courses may also be taken as electives while enrolled in your bachelor’s program:

Courses that a student can take as an undergraduate that will count toward certification requirements but will not count toward MAT degree requirements are:

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NOTE: GACE Program Admission Assessment and GACE Content Assessment examination and 2.5 cumulative GPA requirements must be met for certification program admission and should be considered during enrollment in the bachelor’s program.

For Those Interested in Secondary Education (Grades 6-12) Certification with a GEOLOGY Degree

Students who plan to seek teacher certification after completion of the B.A. or B.S. Geology program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. This may be achieved as part of “broad fields” Science certification which includes the areas of biology, chemistry, earth science, or physics. To meet broad fields content requirements, in addition to the geology degree, 15 credit hours in each of TWO additional content areas (Biology, Chemistry, or Physics) are required.

**Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL</td>
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</tr>
<tr>
<td>CHEM</td>
<td></td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>3</td>
</tr>
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- BA/BS/BBA majors can take the complete 9 credit hour PPB block of courses with the required 50 credit hour field experience; OR

For Those Interested in Secondary Education (Grades 6-12) Certification with a MATHEMATICS Degree:

Students who plan to seek teacher certification after completion of the B.S. or B.S.Mat. Mathematics program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. To meet content requirements, the following courses must be completed as part of or in addition to your current program of study.

**Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3360</td>
<td>3</td>
</tr>
<tr>
<td>MATH 5136</td>
<td>3</td>
</tr>
<tr>
<td>MATH 5234</td>
<td>3</td>
</tr>
<tr>
<td>STAT 5531</td>
<td>3</td>
</tr>
</tbody>
</table>

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For Those Interested in Secondary Education (Grades 6-12) Certification with a PHYSICS Degree

Students who plan to seek teacher certification after completion of the B.A. or B.S.P. program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. If all B.A. or B.S. Physics requirements are met, no other physics content courses are required. However, students are strongly encouraged to pursue “broad fields” Science certification which includes the areas of biology, chemistry, earth science, physics, and geology. To meet broad fields content requirements, in addition to the physics degree, 15 credit hours in each of TWO additional content areas (Biology, Chemistry, or Earth-Space Science) are required.

### Credit Hours

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<tr>
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<th>Title</th>
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<td>BIOL</td>
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<td></td>
</tr>
<tr>
<td>CHEM</td>
<td>- advisor recommended</td>
<td></td>
</tr>
<tr>
<td>Earth-Space Science</td>
<td>- advisor recommended</td>
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NOTE: GACE Program Admission Assessment and GACE Content Assessment examination and 2.5 cumulative GPA requirements must be met for certification program admission and should be considered during enrollment in the bachelor’s program.

Structure

### Department of Biology

In today’s world, studies in Biology are becoming increasingly important. Georgia Southern University’s Biology program prepares students for careers as professional biologists in a wide variety of fields. Southeast Georgia is a biologically rich and ecologically diverse area that encompasses coastline, wetlands, woodlands, and cities. Consistent with the mission of the University, the Biology Department seeks to expand horizons through outreach, preserve distinctive cultural and natural legacies, and maintain the integrity of South Georgia’s environment.

### Department of Chemistry and Biochemistry

The Department of Chemistry offers a well-balanced program for the education of its students. To prepare them for their professional careers, the Department is committed to providing quality teaching and research experiences emphasizing critical and independent thought. The curriculum provides strong innovative instruction in the theory and practice of the chemical sciences. It is designed to introduce students to modern laboratory methods and technology using state-of-the-art scientific equipment. The faculty is committed to providing an environment that addresses the individual needs of each student and encourages them to develop their potential through life-long learning and to be responsible members of their profession and community.

### FORAM Sustainable Aquaponics Research Center (SARC)

The FORAM Sustainable Aquaponics Research Center (SARC) is a joint venture between Georgia Southern University and the FORAM Foundation. Our aquaponics system is located in an approximately 4100 square foot greenhouse that supports student and faculty research in areas of Biology, Chemistry, Economics and Engineering.

The SARC facility is a state of the art system designed to research the economic and biological sustainability of aquaponics systems. SARC has four independent recirculating systems, each containing 900 gallon tanks capable of holding over 100 mature tilapia (1-2 lbs/each) and 224 square foot runways for growing plants. This proprietary system was uniquely built to conduct controlled scientific research. This allows the center to develop targeted experiments with the goal of improving the economic viability of large-scale aquaponics as a means of sustainable food growth requiring less resources and space.

### Department of Geology and Geography

The Department of Geology and Geography offers a balance of teaching, research, and service to the region served by the University, and beyond. Areas of focus among geology faculty include igneous and metamorphic petrology, paleontology, sedimentology, structural geology, hydrogeology, coastal geology, environmental geology, geoscience education, and the natural history of the Coastal Plain. Geography faculty interests include climatology, geomorphology, geospatial analysis, economic geography, health geography, cultural geography, ecohydrology, hazards, and biogeography. Both programs emphasize the application of Geographic Information Science.

### James H. Oliver, Jr., Institute for Coastal Plain Science

The Institute for Coastal Plain Science (ICPS) is an interdepartmental organization that provides an identity to an area of exceptional research and teaching strength on campus. Members of the ICPS include faculty and students from several departments including biology, chemistry, geology and geography, civil engineering, and environmental health.
sciences. It also has three full-time scientists and two support personnel. The mission of the ICPS is to promote, in coordination with public and private partnerships, interdisciplinary research and education directed toward understanding the physical and biological resources occurring below the Fall Line and their sustainable use and management. Membership in the ICPS is open to any researchers with a focus on this geographic region. The ICPS also assists with management of the several natural history collections on campus and is the primary home of the U.S. National Tick Collection.

**Department of Mathematical Sciences**

The Department of Mathematical Sciences offers programs of study for students interested in mathematics, mathematics education or statistics. The department is dedicated to providing students with excellent instruction that incorporates innovative instructional techniques and technologies. In their roles as teacher-scholars, the faculty maintains consistent and significant productivity, recognized at regional, national, and international levels, in basic research, applications, and pedagogy. The department is strengthened by the extensive service activities of the faculty on campus and in the community as well as through high-profile service to the profession. In addition, the department provides many areas for student involvement, including an active student organization and student competition teams.

**Department of Military Science**

The Georgia Southern University Military Science Department is charged with managing the Army’s Reserve Officer Training Corps (ROTC) program on campus. Army ROTC provides college-trained officers for the U.S. Army, the Army National Guard, and the U.S. Army Reserve. It does this through a combination of college courses in military science and summer training sessions. The Professor of Military Science at Georgia Southern also administers the programs at Armstrong Atlantic State University, Savannah State University and Savannah College of Art and Design.

**Department of Physics**

The mission of the Department of Physics at Georgia Southern University is four-fold. First, to provide its majors with a strong, basic undergraduate physics/astronomy education that will serve them whether they pursue an advanced degree in physics, a professional career in medicine or dentistry, a career in industry or in science education. Second, to provide excellent instruction in introductory physics and astronomy to non-majors. Third, to conduct original research in physics and astronomy that is recognized at regional, national, and international levels. Fourth, to foster an interest in science in the community and the region.

**Jiann-Ping Hsu College of Public Health**

The Jiann-Ping Hsu College of Public Health (JPHCOPH) was created January 2006 and is accredited by the Council on Education for Public Health (CEPH). The College exists to provide public health education, research, and community service that will positively impact the quality of life and health disparities of rural and underserved populations. The establishment of the College was made possible by a generous gift from Dr. Karl E. Peace, in memory and honor of his wife, Dr. Jiann-Ping Hsu.

**Vision**

The Jiann-Ping Hsu College of Public Health will be the nationally recognized leader in the empowerment of rural communities and underserved populations to address public health issues, eliminate health disparities, and improve health outcomes.

**Mission**

The mission of the Jiann-Ping Hsu College of Public Health is to improve health, eliminate health disparities and health inequities of rural communities and underserved populations globally through excellence in teaching, public health workforce development, research, scholarship, professional service, and community engagement.

**College Structure**

- Dean’s Office (p. 244)
- Department of Biostatistics, Epidemiology and Environmental Health Sciences (p. 248)
- Department of Health Policy, Management and Behavior (p. 248)

**About Public Health**

The Institute of Medicine (IOM) has defined the role of public health as “...the fulfillment of society’s interest in assuring the conditions in which people can be healthy (IOM, 1988).” Public health activities focus on improving the health of communities.

Public health is also defined as the art and science of promoting health, preventing disease, and prolonging life among human populations; the broad mission of public health is to enhance human health through organized community efforts (Council on Education for Public Health, 1978).

A diverse and ever-expanding field of practice, public health embraces an ecological approach that recognizes the interactions and relationships among multiple determinants of health. It involves the dissemination of reliable information for policy decisions; identifying systemic inequalities and problems; protecting the public’s health and safety through education and research; and fostering partnerships with individuals, communities, and organizations to promote health.

Though public health involves the knowledge and application of many disciplines in its research, teaching, service, and practice activities, the following have been identified as fundamental, core areas to the practice of public health (CEPH Accreditation Criteria, 2011):

- **Biostatistics** - collection, storage, retrieval, analysis and interpretation of health data; design and analysis of health-related surveys and experiments; and concepts and practice of statistical data analysis;
- **Environmental Health Sciences** - environmental factors including biological, physical, and chemical factors that affect the health of a community;
- **Epidemiology** - distributions and determinants of disease, disabilities, and death in human populations; the characteristics and dynamics of human populations; and the natural history of disease and the biologic basis of health;
- **Health Services Administration** - planning, organization, administration, management, evaluation, and policy analysis of health and public health programs; and
- **Community Health Education/Social and Behavioral Sciences** - concepts and methods of social and behavioral sciences relevant to the identification and solution of public health problems.

The teaching, research, and service activities of the Jiann-Ping Hsu College of Public Health are grounded in these core public health knowledge areas. Our goals for workforce development, community-based research, and community-based service help us focus our efforts on cross disciplinary projects that build on the synergistic effects of these core knowledge areas.

Public health is concerned with protecting the health of communities, both small and large. Public health professionals focus on building on assets and preventing problems from happening or re-occurring through
implementing educational programs, developing policies, administering services, and conducting research in concert with, but in contrast to, clinical health professionals (e.g., physicians and nurses) who focus primarily on treating individuals after they become sick or injured. No matter what form public health assumes, its goal is always the same: to improve the quality of life of individuals, families, and communities by focusing on prevention, promotion, and protection.

This preventive model encompasses three core functions:

1. assessing and monitoring the health of communities and at-risk populations to identify health problems and establish priorities;
2. formulating public policies in collaboration with community and government leaders designed to prioritize and solve local and national health problems; and
3. assuring that all populations have access to appropriate and cost-effective health care, including health promotion and disease prevention services, and evaluating the effectiveness of the care.

Our Shared Values

The Jiann-Ping Hsu College of Public Health is endowed by Dr. Karl E. Peace as a tribute to his wife and an enduring celebration of her life characterized by “a zeal for excellence, consideration of others, intelligence and scholarship, honesty, kindness and humility.” In honor of Dr. Hsu, the faculty, students, and staff of the JPHCOPH commit to demonstrate these values in our behavior toward one another and to those whom we serve.

In 2007, the JPHCOPH students, faculty, and staff worked together to clarify the following list of shared core values. These values serve to guide decision-making for our workforce development, research, professional service, and community engagement activities. We will also use these values to help us make choices about how to move forward when the path is not clear.

- Excellence in research, service, and instruction.
- Passion for improving the health of rural communities and underserved populations.
- Responsibility for promoting health equity and eliminating health disparities in rural communities and underserved populations.
- Commitment to community involvement.
- Collaboration for problem solving.
- Commitment to developing as a “learning organization”.

Experiential Learning Opportunities

All students are required to complete an internship experience. The internship is competency-based and provides the student the opportunity to further develop and integrate skills learned in the classroom.

Programs

Majors

- Public Health B.S.P.H. (Emphasis in Environmental Health) (p. 246)
- Public Health B.S.P.H. (Emphasis in Global Health) (p. 245)
- Public Health B.S.P.H. (Emphasis in Health Education and Promotion) (p. 245)

Minors

- Global Health Minor (p. 247)
- Health Education and Promotion Minor (p. 247)
- Public Health Minor (p. 248)

Certificates

No results were found.

Advising

Undergraduate students are advised by the Undergraduate Advisor in the College of Public Health. The advisor is located in Room 1016 in Hendricks Hall, (912) 478-2674.

To make an advising appointment, send an email to: jphcoph-ugradadvisor@georgiasouthern.edu.

Contacts

Web: jphcoph.georgiasouthern.edu
Email: jphcoph@georgiasouthern.edu

Interim Dean: Stuart Tedders
Armstrong Campus
109 C Solms Hall
Voice: (912) 478-2674 Fax: (912) 478-5811
Email: stedders@georgiasouthern.edu

Associate Dean of Academic Affairs: Vacant
Statesboro Campus
3024 Hendricks Hall
P.O. Box 8015
Voice: (912) 478-2674 Fax: (912) 478-5811
Email: jphcoph@georgiasouthern.edu

Associate Dean of Public Health Practice and Research: Joseph Telfair
1029 Hendricks Hall
P.O. Box 8015
Voice: (912) 478-2412 Fax: (912) 478-5811
Email: jtelfair@georgiasouthern.edu

Executive Assistant to the Dean: Belinda Classens
Statesboro Campus
3021 Hendricks Hall
P.O. Box 8015
Voice: (912) 478-2676 Fax: (912) 478-5811
Email: bclassens@georgiasouthern.edu

Dean's Office

Administration

Interim Dean Stuart H. Tedders, PHD, MS
Associate Dean of Academic Affairs Vacant
Associate Dean of Public Health Practice and Research Joseph Telfair, DrPH, MSW, MPH

Academic programs residing in the Dean's Office include the B.S.P.H. and the Public Health Certificate.

Programs

Majors

- Public Health B.S.P.H. (Emphasis in Environmental Health) (p. 246)
- Public Health B.S.P.H. (Emphasis in Global Health) (p. 245)
- Public Health B.S.P.H. (Emphasis in Health Education and Promotion) (p. 245)
Minors

- Global Health Minor (p. 247)
- Health Education and Promotion Minor (p. 247)
- Public Health Minor (p. 248)

Public Health B.S.P.H. (Emphasis in Health Education and Promotion)

Degree Requirements: 124 Credit Hours

*See Core Curriculum for required courses in Area A1 through Area E.*

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>General Requirements (Core A - E)</th>
<th>Additional Requirements</th>
<th>Area F - Courses Appropriate to Major</th>
<th>Major Requirements</th>
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<tbody>
<tr>
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<td>BIOL 2240 Microbiology</td>
<td>KINS 2511 Human Anatomy and Physiology I Laboratory</td>
<td>PUBH 2131 Introduction to Community and Public Health</td>
<td>PUBH 4099 Selected Topics in Public Health</td>
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<tr>
<td></td>
<td>KINS 2512 Human Anatomy and Physiology II Laboratory</td>
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<td>KINS 2532 Human Anatomy and Physiology II</td>
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<td>PUBH 3431 Health Care Systems and Advocacy</td>
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<td>PUBH 4798 Internship in Public Health 2</td>
<td>PUBH 3331 Chronic Diseases: A Modern Epidemic</td>
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<td>Major Requirements 33</td>
<td>PUBH 3333 Principles of Environmental Health</td>
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<td>Select 9 credit hours from the following Directed Major Electives:</td>
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<td>PUBH 3130 Substance Use and Abuse</td>
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<td>PUBH 3331 Consumer Health</td>
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</table>

Program Admission Criteria

- Admission to Georgia Southern University
- A total institution GPA of 2.0 or better on all course work attempted (transfer coursework and work completed at Georgia Southern University are considered)
- Completed a minimum of 60 credit hours
- A minimum grade of “C” in all Area F coursework attempted
- The student must have completed or be registered in PUBH 2131

Program Progression Requirements

- Students must also earn a minimum grade of “C” in a prerequisite course(s) prior to registering for an advanced course.
- Students must earn a minimum grade of “C” in all major courses, Directed Major Electives, and Area F courses; and have a GPA of 2.5 AND above to enroll in PUBH 4798.

Advisement

Undergraduate students are advised by the Undergraduate Advisor in the College of Public Health. The advisor is located in Room 1016 in Hendricks Hall, (912) 478-2674. To make an advising appointment, send an email to: jphcoph-ugradadvisor@georgiasouthern.edu.

Public Health B.S.P.H. (Emphasis in Global Health)

Degree Requirements: 124 Credit Hours

*See Core Curriculum for required courses in Area A1 through Area E.*

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<td>Select 9 credit hours from the following Directed Major Electives:</td>
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<td></td>
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<td>PUBH 3130 Substance Use and Abuse</td>
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1 Must be Biology or Chemistry Laboratory Science, excluding Environmental Laboratory Science Courses.
2 Students not meeting the prerequisite requirements for the internship must complete a minor.
KINS 2531 Human Anatomy and Physiology I
KINS 2532 Human Anatomy and Physiology II
NTFS 2530 Nutrition and Health
Additional Science with Lab
The additional hour will be used in electives

**Major Requirements** 33

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>Introduction to Community and Public Health</td>
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<td>Chronic Diseases: A Modern Epidemic</td>
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<tr>
<td>PUBH 3132</td>
<td>Health Care Systems and Advocacy</td>
</tr>
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<td>PUBH 3136</td>
<td>Principles of Environmental Health</td>
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<tr>
<td>PUBH 3231</td>
<td>Epidemiology and Biostatistics</td>
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<td>PUBH 3330</td>
<td>Modifying Health Behaviors</td>
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<td>PUBH 4798</td>
<td>Internship in Public Health</td>
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**Global Health Emphasis** 15

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PUBH 3432</td>
<td>Introduction to Global Health Policy</td>
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<tr>
<td>PUBH 4230</td>
<td>Global Maternal and Child Health</td>
</tr>
<tr>
<td>PUBH 4232</td>
<td>Global Environmental Health</td>
</tr>
<tr>
<td>PUBH 4233</td>
<td>Topics in Global Epidemiology</td>
</tr>
<tr>
<td>PUBH 4234</td>
<td>International Development in Health (Poverty, Social Justice and Global Health)</td>
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</table>

Select 9 credit hours from the following Directed Major Electives:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PUBH 3130</td>
<td>Substance Use and Abuse</td>
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<tr>
<td>PUBH 3138</td>
<td>Multicultural and Social Determinants of Health</td>
</tr>
<tr>
<td>PUBH 3232</td>
<td>Foundations of Health Education and Promotion Practice</td>
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<tr>
<td>PUBH 3331</td>
<td>Stress Theory and Management in Health Promotion</td>
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<tr>
<td>PUBH 3430</td>
<td>Sexuality Education</td>
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<td>PUBH 3531</td>
<td>Consumer Health</td>
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<tr>
<td>PUBH 4099</td>
<td>Selected Topics in Public Health</td>
</tr>
<tr>
<td>PUBH 4132</td>
<td>Health Education and Promotion Program Planning I</td>
</tr>
<tr>
<td>PUBH 4133</td>
<td>Health Education and Promotion Program Planning II</td>
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<td>PUBH 4134</td>
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<td>Health Aspects of Aging</td>
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<tr>
<td>PUBH 4330</td>
<td>Promotional Strategies for Health Programs</td>
</tr>
<tr>
<td>PUBH 4890</td>
<td>Directed Individual Study</td>
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</tbody>
</table>

**Elective**

Select 3 credit hours of Electives 3

Carryover from Area F

Total Credit Hours 124

**Program Admission Criteria**

- Admission to Georgia Southern University
- A total institution GPA of 2.0 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered)
- Completed a minimum of 60 credit hours
- A minimum grade of “C” in all Area F course work attempted
- Student must have completed or be registered in PUBH 2131

**Program Progression Requirements**

- Students must also earn a minimum grade of “C” in a prerequisite course(s) prior to registering for an advanced course.
- Students must earn a minimum grade of “C” in all major courses, Directed Major Electives, and Area F courses; and have a GPA of 2.5 AND above to enroll in PUBH 4798.

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**Public Health B.S.P.H. (Emphasis in Environmental Health)**

**Degree Requirements: 124 Credit Hours**

*See Core Curriculum for required courses in Area A1 through Area E.*

**General Requirements (Core A - E)** 42

**Additional Requirements** 4

**Area F - Courses Appropriate to Major** 18

<table>
<thead>
<tr>
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<td>KINS 2511</td>
<td>Human Anatomy and Physiology I Laboratory</td>
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<td>KINS 2512</td>
<td>Human Anatomy and Physiology II Laboratory</td>
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<td>KINS 2531</td>
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<td>KINS 2532</td>
<td>Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>NTFS 2530</td>
<td>Nutrition and Health</td>
</tr>
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</table>

Add Additional Science with Lab
The additional hour will be used in electives

**Major Requirements** 33

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**Environmental Health Emphasis** 15

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<tbody>
<tr>
<td>PUBH 4232</td>
<td>Global Environmental Health</td>
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<tr>
<td>PUBH 4331</td>
<td>Occupational Health in Public Health Practice</td>
</tr>
<tr>
<td>PUBH 4332</td>
<td>Environmental Health Practice</td>
</tr>
</tbody>
</table>
Directed Major Electives

Select 9 credit hours from the following:

- PUBH 3130 Substance Use and Abuse
- PUBH 3232 Foundations of Health Education and Promotion Practice
- PUBH 3331 Stress Theory and Management in Health Promotion
- PUBH 3430 Sexuality Education
- PUBH 3432 Introduction to Global Health Policy
- PUBH 3531 Consumer Health
- PUBH 4132 Health Education and Promotion Program Planning I
- PUBH 4133 Health Education and Promotion Program Planning II
- PUBH 4134 Research Methods and Evaluation in Health Education and Promotion
- PUBH 4195 International Studies Abroad in Public Health
- PUBH 4230 Global Maternal and Child Health
- PUBH 4231 Health Aspects of Aging
- PUBH 4233 Topics in Global Epidemiology
- PUBH 4234 International Development in Health (Poverty, Social Justice and Global Health)
- PUBH 4330 Promotional Strategies for Health Programs
- PUBH 4890 Directed Individual Study

Elective

Select 3 credit hours of Electives

Carryover from Area F

Total Credit Hours 124

1 Must be Biology or Chemistry Laboratory Science, excluding Environmental Laboratory Science Courses.
2 Students not meeting the prerequisite requirements for the internship must complete a minor.

Program Admission Criteria

- Admission to Georgia Southern University.
- A total institution GPA of 2.0 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered).
- Completed a minimum of 60 credit hours.
- A minimum grade of “C” in all Area F course work attempted.
- Student must have completed or be registered in PUBH 2131.

Program Progression Requirements

- Students must also earn a minimum grade of “C” in a prerequisite course(s) prior to registering for an advanced course.
- Students must earn a minimum grade of “C” in all major courses, Directed Major Electives, and Area F courses; and have a GPA of 2.5 AND above to enroll in PUBH 4798.

Advisement

Undergraduate students are advised by the Undergraduate Advisor in the College of Public Health. The advisor is located in Room 1016 in Hendricks Hall, (912) 478-2674.

To make an advising appointment, send an email to: jphcoph-ugradadvisor@georgiasouthern.edu. (jphcoph-ugradadvisor@georgiasouthern.edu.)

Global Health Minor

Contact

Department of Health Policy and Community Health
Hendricks Hall, Room 1022
Dr. Joanne Chopak-Foss
(912) 478-1530
jchopak@georgiasouthern.edu

Minor Program

- PUBH 3431 Introduction to Global Health 3
- PUBH 3432 Introduction to Global Health Policy 3
- PUBH 4232 Global Environmental Health 3
- PUBH 4233 Topics in Global Epidemiology 3
- Select one of the following: 3
  - PUBH 4230 Global Maternal and Child Health
  - PUBH 4234 International Development in Health (Poverty, Social Justice and Global Health)

Total Credit Hours 15

Health Education and Promotion Minor

Contact

Department of Health Policy and Community Health
Hendricks Hall, Room 1022
Dr. Joanne Chopak-Foss
(912) 478-1530
jchopak@georgiasouthern.edu

Minor Program

- PUBH 2131 Introduction to Community and Public Health 3
- Select two total from the following list: 6
  - PUBH 3131 Chronic Diseases: A Modern Epidemic (Prerequisites: KINS 2531 and KINS 2511)
  - PUBH 3132 Health Care Systems and Advocacy
  - PUBH 3136 Principles of Environmental Health
  - PUBH 3138 Multicultural and Social Determinants of Health
  - PUBH 3231 Epidemiology and Biostatistics
  - PUBH 3330 Modifying Health Behaviors
- Select two health content courses: 6
  - PUBH 3130 Substance Use and Abuse
The Health Education and Promotion Minor is open to any student interested in health education and promotion.

Public Health Minor

Contact
Department of Health Policy and Community Health
Hendricks Hall, Room 1022
Dr. Joanne Chopak-Foss
(912) 478-1530
jchopak@georgiasouthern.edu

Minor Program

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBH 2131</td>
<td>Introduction to Community and Public Health</td>
<td>3</td>
</tr>
<tr>
<td>PUBH 3132</td>
<td>Health Care Systems and Advocacy</td>
<td>3</td>
</tr>
<tr>
<td>PUBH 3136</td>
<td>Principles of Environmental Health</td>
<td>3</td>
</tr>
<tr>
<td>PUBH 3231</td>
<td>Epidemiology and Biostatistics</td>
<td>3</td>
</tr>
<tr>
<td>PUBH 3330</td>
<td>Modifying Health Behaviors</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 15

Prerequisites: Healthful Living (HLTH 1520) and sophomore status.

Department of Health Policy and Community Health

Health Policy & Management

Do you want to learn the theory and practical skills you need for advanced health leadership and management? At our Department of Health Policy, Management and Behavior, you will learn dynamic leadership of people, policy initiatives and improvements to health status of communities, wise management of resources and systems of health and healthcare. The department offers two degrees: a Dr.P.H. and an M.P.H. With the Dr.P.H., concentrations are offered in Public Health Leadership and Health Policy & Management. With the M.P.H., a concentration is offered in Health Policy & Management.

Community Health Education & Behavior

Do you want to learn the skills needed to help educate and improve the public’s health? Our programs are designed to prepare you for community-based public health interventions. You will learn to solve problems in the field of public health and prepare for a variety of leadership positions, especially those in community health programs.

The department offers three degrees in community health to match your current level of education and experience – a Dr.P.H. in Community Health Education & Behavior and an M.P.H. in Community Health.

Undergraduate Academic Resources

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  - Academic Advisement (p. 249)
  - Co-op and Internship Program (p. 249)
  - Core Curriculum Course Requirements (p. 250)
  - Core Curriculum Course Requirements - Clinical Health (p. 251)
  - Educational Opportunity Programs (p. 253)
  - First Year Seminar (p. 253)
  - Graduation Requirements (p. 253)
  - Learning Support Program (p. 255)
  - Office of International Programs and Services (p. 256)
  - Other Degree Requirements (p. 256)
  - Requirements for All Degrees (p. 257)
  - The University Honors Program (p. 257)
- Undergraduate Policies and Procedures (p. 258)
  - Academic Alerts (p. 258)
  - Academic Intervention Policy (p. 258)
  - Academic Renewal Policy (p. 259)
  - Academic Standing Policy (p. 260)
  - Classification (p. 263)
  - Consolidation GPA Renewal Policy (p. 263)
  - Course Load (p. 264)
  - Dean's List (p. 264)
  - Employment Programs (p. 264)
  - Graduate Credit for Seniors (Senior Privilege) (p. 264)
  - Limited Grade Forgiveness Policy (p. 264)
  - Policy for Limiting Individual Course Withdrawals (p. 265)
  - President's List (p. 265)
  - Registration Time Tickets and RANs (p. 265)
Programs and Requirements

- Academic Advisement (p. 249)
- Co-op and Internship Program (p. 249)
- Core Curriculum Course Requirements (p. 250)
- Core Curriculum Course Requirements - Clinical Health (p. 251)
- Educational Opportunity Programs (p. 253)
- First Year Seminar (p. 253)
- Graduation Requirements (p. 253)
- Learning Support Program (p. 255)
- Office of International Programs and Services (p. 256)
- Other Degree Requirements (p. 256)
- Requirements for All Degrees (p. 257)
- The University Honors Program (p. 257)

Academic Advisement

Philosophy

Academic advising is an ongoing process of engagement that is designed to facilitate student success from admission to graduation. Academic advising creates collaborative mentoring relationships between advisor and student. Academic advising promotes academic excellence and empowers students to develop and implement sound educational plans that are consistent with their personal values, goals, and career plans.

Definition of the Role of Advisors

Academic advisors are caring professionals who seek to connect students to the wealth of opportunities and resources Georgia Southern University has to offer. Academic advisors help monitor academic performance and progress, aid in course selection, support long-term educational planning, and direct students to opportunities and resources that will enhance their education.

Responsibility for Advisement

Undergraduate students are advised by professional academic advisors who serve as a frontline contact for developmental academic advising to drive engagement and empower students to achieve their academic and career goals. Academic advisors:

- Serve as the primary contact to students regarding academic matters upon acceptance to the university.
- Provide a welcoming teaching and learning environment where students can feel comfortable exploring their sense of self.
- Understand and effectively communicate program curriculum, graduation requirements, and university policies and procedures.
- Assist students in developing and following a clear course sequence organized into a degree pathway.
- Assist students in articulating and developing educational, professional, and personal goals, as well as a plan to achieve those goals.
- Evaluate student academic progress and identify possible areas of concern.
- Provide students with information about resources provided by the institution to meet their needs and goals.
- Refer students to appropriate campus departments and resources as needed.

- Encourage student participation in learning opportunities outside of the classroom.
- Monitor and document student progress toward educational goals and provide outreach for students who are at risk of not meeting educational goals.

General Education Outcomes

http://academics.georgiasouthern.edu/student-learning-outcomes/

Board of Regents Policy

https://www.usg.edu/policymanual/section3/C344

Council for the Advancement of Standards in Higher Education

http://www.cas.edu

National Academic Advising Association (NACADA)

http://www.nacada.ksu.edu/

Co-op and Internship Program

The Co-op and Internship Program at Georgia Southern University encompasses both internship and cooperative education opportunities for students in all majors. Co-ops and internships provide an opportunity for students to evaluate whether their chosen career path or field of study is a good fit for them, develop their professional skills, and apply their academic knowledge while obtaining valuable real world experience in their field. The Office of Career and Professional Development at Georgia Southern University is committed to recruiting and promoting co-op and internship opportunities for all students and provides a centralized contact for both academic and non-academic related issues associated with experiential learning for all colleges and majors.

In order to participate in the Co-op and Internship Program, students must be in good academic standing with the University. In addition, students must complete the experiential learning application in Eagle Career Net, agree to sign the Code of Conduct and Waiver of Liability forms, and provide the Office of Career and Professional Development with an offer letter from their employer. The compensation package offered to the student is determined by the employer, and board and lodging are the responsibility of the student. If students are not completing a co-op or internship for academic credit, then they will be enrolled in non-academic, tuition-free COOP hours that will denote their experience on their student transcript. Students will be registered for the course through the Office of Career and Professional Development. Students and employers are required to submit evaluations at two identified points during their work term. Successful completion of the requirements will result in a pass or fail grade awarded to the student.

For more information about our Co-op and Internship Program, please refer to the Student Internship & Co-op Guide (students.georgiasouthern.edu/career/files/CoOpInternshipGuide.pdf), visit the Career and Professional Development website (GeorgiaSouthern.edu/ocpd), or call (912) 478-5197.
## Core Curriculum Course Requirements

### AREA A1 - 6 Hours Required

*A minimum grade of “C” is required in each of the following courses:*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>Composition II (Prerequisite ENGL 1101)</td>
<td>3</td>
</tr>
</tbody>
</table>

### AREA A2 - 3 Hours Required

*A minimum grade of "C" is required*

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1001</td>
<td>Quantitative Reasoning</td>
<td>3-4</td>
</tr>
<tr>
<td>MATH 1101</td>
<td>Introduction to Mathematical Modeling (Not a prerequisite for MATH 1112 or MATH 1113)</td>
<td></td>
</tr>
<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
<td></td>
</tr>
<tr>
<td>MATH 1112</td>
<td>College Trigonometry (Prerequisite MATH 1111 or equivalent academic background)</td>
<td></td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Pre-Calculus Mathematics (Prerequisite MATH 1111 or equivalent academic background)</td>
<td></td>
</tr>
<tr>
<td>MATH 1441</td>
<td>Calculus I (Prerequisite MATH 1112 or MATH 1113 or equivalent academic background)</td>
<td></td>
</tr>
</tbody>
</table>

### AREA B - 7 Hours Required

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE 2000</td>
<td>CORE Capstone</td>
<td>1</td>
</tr>
<tr>
<td>HIST 1111</td>
<td>World History I: Development of World Civilization</td>
<td></td>
</tr>
<tr>
<td>HIST 1112</td>
<td>World History II: Emergence of Modern Global Community</td>
<td></td>
</tr>
<tr>
<td>ANTH 1150</td>
<td>Glob Pers Ant: People of World</td>
<td></td>
</tr>
<tr>
<td>CRJU 2010</td>
<td>Universal Justice</td>
<td></td>
</tr>
<tr>
<td>FORL 2001</td>
<td>ARAB, CHIN, FREN, GRMN, JAPN, LATN, SPAN (Intermediate I level)</td>
<td></td>
</tr>
<tr>
<td>FORL 2002</td>
<td>ARAB, CHIN, FREN, GRMN, JAPN, LATN, SPAN (Intermediate II level)</td>
<td></td>
</tr>
<tr>
<td>FORL 2060</td>
<td>ARAB, CHIN, FREN, GRMN, JAPN, LATN, SPAN (Accelerated Intermediate level)</td>
<td></td>
</tr>
<tr>
<td>GEOG 1130</td>
<td>World Regional Geography</td>
<td></td>
</tr>
<tr>
<td>HPR 1121</td>
<td>Cult Illns Disg &amp; Trtmnt</td>
<td></td>
</tr>
<tr>
<td>HONS 1134</td>
<td>Inquiry in Global Issues</td>
<td></td>
</tr>
<tr>
<td>IDS 2000</td>
<td>Diaspora Studies</td>
<td></td>
</tr>
<tr>
<td>INTS 2130</td>
<td>Introduction to International Studies</td>
<td></td>
</tr>
<tr>
<td>POLS 1150</td>
<td>World Politics</td>
<td></td>
</tr>
<tr>
<td>PSYC 2300</td>
<td>Global Persp in Devlp Tech</td>
<td></td>
</tr>
<tr>
<td>RELS 2100</td>
<td>World Religions</td>
<td></td>
</tr>
<tr>
<td>SABR 2960</td>
<td>Study Abroad</td>
<td></td>
</tr>
<tr>
<td>SOCI 2000</td>
<td>Global Sociology</td>
<td></td>
</tr>
<tr>
<td>WGSS 2200</td>
<td>Gender in Global Contexts</td>
<td></td>
</tr>
</tbody>
</table>

### AREA C - 6 Hours Required

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2100</td>
<td>Literature And Humanities</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I (Prerequisites ENGL 1101 and ENGL 1102)</td>
<td></td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II (Prerequisites ENGL 1101 and ENGL 1102)</td>
<td></td>
</tr>
<tr>
<td>PHIL 2010</td>
<td>Introduction to Philosophy</td>
<td></td>
</tr>
<tr>
<td>PHIL 2030</td>
<td>Introduction to Ethics</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1000</td>
<td>Art in Life</td>
<td></td>
</tr>
<tr>
<td>ARTH 2531</td>
<td>Art History I</td>
<td></td>
</tr>
<tr>
<td>COMM 1110</td>
<td>Public Speaking (Prerequisite ENGL 1101)</td>
<td></td>
</tr>
<tr>
<td>HONS 1132</td>
<td>Inquiry in the Humanities</td>
<td></td>
</tr>
<tr>
<td>HUMN 2321</td>
<td>Humanities I</td>
<td></td>
</tr>
<tr>
<td>HUMN 2322</td>
<td>Humanities II</td>
<td></td>
</tr>
<tr>
<td>HUMN 2433</td>
<td>Classicism</td>
<td></td>
</tr>
<tr>
<td>HUMN 2434</td>
<td>Myth in Arts and Humanities</td>
<td></td>
</tr>
<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
<td></td>
</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
<td></td>
</tr>
</tbody>
</table>

### AREA D1 - 8 Hours Required

Select two of the following laboratory science courses (8 hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System</td>
<td></td>
</tr>
<tr>
<td>ASTR 1211</td>
<td>Astronomy Lab</td>
<td></td>
</tr>
<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
<td></td>
</tr>
<tr>
<td>ASTR 1211</td>
<td>Astronomy Lab</td>
<td></td>
</tr>
<tr>
<td>BIOL 1103</td>
<td>Concepts of Biology</td>
<td></td>
</tr>
<tr>
<td>&amp; 1103L</td>
<td>Concepts of Biology Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 1104</td>
<td>Concepts of Biology Trad. Lab</td>
<td></td>
</tr>
<tr>
<td>&amp; 1110L</td>
<td>Concepts of Biology Trad. Lab</td>
<td></td>
</tr>
<tr>
<td>BIOL 1107</td>
<td>Principles of Biology I</td>
<td></td>
</tr>
<tr>
<td>&amp; 1107L</td>
<td>Principles of Biology I Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 1108</td>
<td>Principles of Biology II</td>
<td></td>
</tr>
<tr>
<td>&amp; 1108L</td>
<td>Principles of Biology Laboratory II</td>
<td></td>
</tr>
<tr>
<td>BIOL 1230</td>
<td>Environmental Biology</td>
<td></td>
</tr>
<tr>
<td>&amp; 1230L</td>
<td>Environmental Biology Lab</td>
<td></td>
</tr>
<tr>
<td>CHEM 1040</td>
<td>Chemistry and the Environment</td>
<td></td>
</tr>
<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry I</td>
<td></td>
</tr>
<tr>
<td>CHEM 1152K</td>
<td>Survey of Chemistry II</td>
<td></td>
</tr>
<tr>
<td>CHEM 1211</td>
<td>Principles of Chemistry I</td>
<td></td>
</tr>
<tr>
<td>&amp; 1211L</td>
<td>Principles of Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
<td></td>
</tr>
<tr>
<td>CHEM 1212</td>
<td>Principles of Chemistry II</td>
<td></td>
</tr>
<tr>
<td>&amp; 1212L</td>
<td>Principles of Chemistry II Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
<td></td>
</tr>
<tr>
<td>GEOG 1130</td>
<td>World Regional Geography</td>
<td></td>
</tr>
<tr>
<td>GEOG 1340</td>
<td>Environmental Geology</td>
<td></td>
</tr>
</tbody>
</table>
### AREA D2 - 3 Hours Required

Any 3-4 hour course from Area D1 OR any course listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 1000</td>
<td>Introduction to the Universe</td>
</tr>
<tr>
<td>BIOL 1320</td>
<td>Diversity of Life</td>
</tr>
<tr>
<td>BIOL 1330</td>
<td>Human Biology</td>
</tr>
<tr>
<td>BIOL 1331</td>
<td>Insects and People</td>
</tr>
<tr>
<td>BIOL 1335</td>
<td>Plants and Civilization</td>
</tr>
<tr>
<td>CHEM 1030</td>
<td>Chemistry and Your World</td>
</tr>
<tr>
<td>ENGR 1112</td>
<td>Introduction to Scientific Modeling and Simulation</td>
</tr>
<tr>
<td>GEOG 1111</td>
<td>Physical Geography</td>
</tr>
<tr>
<td>GEOL 1122</td>
<td>General Historical Geology</td>
</tr>
<tr>
<td>GEOL 1430</td>
<td>Dinosaurs, Extinctions and Disasters</td>
</tr>
<tr>
<td>GEOL 1530</td>
<td>Principles of Oceanography</td>
</tr>
<tr>
<td>HONS 1133</td>
<td>Inquiry in the Natural Sciences</td>
</tr>
<tr>
<td>IT 2531</td>
<td>Introduction to Cyber Security</td>
</tr>
<tr>
<td>MATH 1112</td>
<td>College Trigonometry</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Pre-Calculus Mathematics</td>
</tr>
<tr>
<td>MATH 1232</td>
<td>Survey of Calculus</td>
</tr>
<tr>
<td>MATH 1401</td>
<td>Intro to Statistics</td>
</tr>
<tr>
<td>MATH 1441</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MATH 2242</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MATH 2243</td>
<td>Calculus III</td>
</tr>
<tr>
<td>PHYS 1010</td>
<td>The Physics Of Sports</td>
</tr>
<tr>
<td>PHYS 1135</td>
<td>How Things Work</td>
</tr>
<tr>
<td>SCIE 1000</td>
<td>Introduction to Scientific Inquiry</td>
</tr>
<tr>
<td>TCGT 1530</td>
<td>Global Sustainability and Innovation</td>
</tr>
</tbody>
</table>

### AREA A1 - 6 Hours Required

**A minimum grade of “C” is required in each of the following courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>Composition I</td>
</tr>
<tr>
<td>ENGL 1102</td>
<td>Composition II (Prerequisite ENGL 1101)</td>
</tr>
</tbody>
</table>

### AREA A2 - 3 Hours Required

**A minimum grade of "C" is required**

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1001</td>
<td>Quantitative Reasoning</td>
</tr>
<tr>
<td>MATH 1101</td>
<td>Introduction to Mathematical Modeling (Not a prerequisite for MATH 1112 or MATH 1113)</td>
</tr>
<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MATH 1112</td>
<td>College Trigonometry (Prerequisite MATH 1111 or equivalent academic background)</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Pre-Calculus Mathematics (Prerequisite MATH 1111 or equivalent academic background)</td>
</tr>
<tr>
<td>MATH 1441</td>
<td>Calculus I (Prerequisite MATH 1112 or MATH 1113 or equivalent academic background)</td>
</tr>
</tbody>
</table>

### AREA B - 7 Hours Required

**Select one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE 2000</td>
<td>CORE Capstone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1111</td>
<td>World History I: Development of World Civilization</td>
</tr>
<tr>
<td>HIST 1112</td>
<td>World History II: Emergence of Modern Global Community</td>
</tr>
</tbody>
</table>

### Additional 4 Hours Required

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FYE 1220</td>
<td>First-Year Seminar</td>
</tr>
<tr>
<td>KINS 1525</td>
<td>Concepts of Health and Physical Activity</td>
</tr>
</tbody>
</table>

### Core Curriculum Course Requirements - Clinical Health

**Select one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2110</td>
<td>U.S. A Comprehensive Survey</td>
</tr>
<tr>
<td>HIST 2111</td>
<td>History of the United States to 1877</td>
</tr>
<tr>
<td>HIST 2112</td>
<td>History of the United States since 1877</td>
</tr>
</tbody>
</table>

**Select one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1150</td>
<td>Glob Pers Ant: People of World</td>
</tr>
<tr>
<td>CRJU 2010</td>
<td>Universal Justice</td>
</tr>
<tr>
<td>FORL 2001</td>
<td>ARAB, CHIN, FREN, GRMN, JAPN, LATN, SPAN (Intermediate I level)</td>
</tr>
<tr>
<td>FORL 2002</td>
<td>ARAB, CHIN, FREN, GRMN, JAPN, LATN, SPAN (Intermediate II level)</td>
</tr>
<tr>
<td>FORL 2060</td>
<td>ARAB, CHIN, FREN, GRMN, JAPN, LATN, SPAN (Accelerated Intermediate level)</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>GEOG 1130</td>
<td>World Regional Geography</td>
</tr>
<tr>
<td>HLPR 2010</td>
<td>Cult Illns Disg &amp; Trtmnt</td>
</tr>
<tr>
<td>HONS 1134</td>
<td>Inquiry in Global Issues</td>
</tr>
<tr>
<td>IDS 2000</td>
<td>Diaspora Studies</td>
</tr>
<tr>
<td>INTS 2130</td>
<td>Introduction to International Studies</td>
</tr>
<tr>
<td>POLS 1150</td>
<td>World Politics</td>
</tr>
<tr>
<td>PSYC 2300</td>
<td>Global Persp in Devlp Tech</td>
</tr>
<tr>
<td>RELS 2100</td>
<td>World Religions</td>
</tr>
<tr>
<td>RELS 2130</td>
<td>Introduction to Religious Studies</td>
</tr>
<tr>
<td>SABR 2960</td>
<td>Study Abroad</td>
</tr>
<tr>
<td>SOCI 2000</td>
<td>Global Sociology</td>
</tr>
<tr>
<td>WGSS 2200</td>
<td>Gender in Global Contexts</td>
</tr>
</tbody>
</table>

**AREA C - 6 Hours Required**

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2100</td>
<td>Literature And Humanities</td>
</tr>
<tr>
<td>ENGL 2111</td>
<td>World Literature I (Prerequisites ENGL 1101 and ENGL 1102)</td>
</tr>
<tr>
<td>ENGL 2112</td>
<td>World Literature II (Prerequisites ENGL 1101 and ENGL 1102)</td>
</tr>
<tr>
<td>PHIL 2010</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td>PHIL 2030</td>
<td>Introduction to Ethics</td>
</tr>
<tr>
<td>ART 1000</td>
<td>Art in Life</td>
</tr>
<tr>
<td>ARTH 2531</td>
<td>Art History I</td>
</tr>
<tr>
<td>COMM 1110</td>
<td>Public Speaking (Prerequisite ENGL 1101)</td>
</tr>
<tr>
<td>HONS 1132</td>
<td>Inquiry in the Humanities</td>
</tr>
<tr>
<td>HUMN 2321</td>
<td>Humanities I</td>
</tr>
<tr>
<td>HUMN 2322</td>
<td>Humanities II</td>
</tr>
<tr>
<td>HUMN 2433</td>
<td>Classicism</td>
</tr>
<tr>
<td>HUMN 2434</td>
<td>Myth in Arts and Humanities</td>
</tr>
<tr>
<td>MUSC 1100</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>THEA 1100</td>
<td>Theatre Appreciation</td>
</tr>
</tbody>
</table>

**AREA D1 - 8 Hours Required**

Select a sequence of lab science courses from the following (8 hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1107 &amp; 1107L</td>
<td>Principles of Biology I and Principles of Biology I Laboratory</td>
</tr>
<tr>
<td>BIOL 1108 &amp; 1108L</td>
<td>Principles of Biology II and Principles of Biology II Laboratory</td>
</tr>
<tr>
<td>CHEM 1151K</td>
<td>Survey of Chemistry I</td>
</tr>
<tr>
<td>CHEM 1152K</td>
<td>Survey of Chemistry II</td>
</tr>
<tr>
<td>CHEM 1211 &amp; 1211L</td>
<td>Principles of Chemistry I and Principles of Chemistry I Laboratory</td>
</tr>
<tr>
<td>CHEM 1211K</td>
<td>Principles of Chemistry I</td>
</tr>
<tr>
<td>CHEM 1212 &amp; 1212L</td>
<td>Principles of Chemistry II and Principles of Chemistry II Laboratory</td>
</tr>
<tr>
<td>CHEM 1212K</td>
<td>Principles of Chemistry II</td>
</tr>
<tr>
<td>PHYS 1112K</td>
<td>Introductory Physics II</td>
</tr>
<tr>
<td>PHYS 1111K</td>
<td>Introductory Physics I</td>
</tr>
<tr>
<td>PHYS 2211K</td>
<td>Principles of Physics I</td>
</tr>
<tr>
<td>PHYS 2212K</td>
<td>Principles of Physics II</td>
</tr>
</tbody>
</table>

**AREA D2 - 3 Hours Required**

Any 3-4 hour course from Area D1 OR any course listed below

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 1000</td>
<td>Introduction to the Universe</td>
</tr>
<tr>
<td>ASTR 1010</td>
<td>Astronomy of the Solar System</td>
</tr>
<tr>
<td>ASTR 1020</td>
<td>Stellar and Galactic Astronomy</td>
</tr>
<tr>
<td>BIOL 1103</td>
<td>Concepts of Biology</td>
</tr>
<tr>
<td>BIOL 1230</td>
<td>Environmental Biology</td>
</tr>
<tr>
<td>BIOL 1320</td>
<td>Diversity of Life</td>
</tr>
<tr>
<td>BIOL 1330</td>
<td>Human Biology</td>
</tr>
<tr>
<td>BIOL 1331</td>
<td>Insects and People</td>
</tr>
<tr>
<td>BIOL 1335</td>
<td>Plants and Civilization</td>
</tr>
<tr>
<td>CHEM 1030</td>
<td>Chemistry and Your World</td>
</tr>
<tr>
<td>CHEM 1040</td>
<td>Chemistry and the Environment</td>
</tr>
<tr>
<td>ENGR 1112</td>
<td>Introduction to Scientific Modeling and Simulation</td>
</tr>
<tr>
<td>GEOG 1111</td>
<td>Physical Geography</td>
</tr>
<tr>
<td>GEOL 1121</td>
<td>Introduction to the Earth</td>
</tr>
<tr>
<td>GEOL 1122</td>
<td>General Historical Geology</td>
</tr>
<tr>
<td>GEOL 1340</td>
<td>Environmental Geology</td>
</tr>
<tr>
<td>GEOL 1430</td>
<td>Dinosaurs, Extinctions and Disasters</td>
</tr>
<tr>
<td>GEOL 1530</td>
<td>Principles of Oceanography</td>
</tr>
<tr>
<td>IT 2531</td>
<td>Introduction to Cyber Security</td>
</tr>
<tr>
<td>HONS 1133</td>
<td>Inquiry in the Natural Sciences</td>
</tr>
<tr>
<td>MATH 1112</td>
<td>College Trigonometry</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Pre-Calculus Mathematics</td>
</tr>
<tr>
<td>MATH 1232</td>
<td>Survey of Calculus</td>
</tr>
<tr>
<td>MATH 1401</td>
<td>Intro to Statistics</td>
</tr>
<tr>
<td>MATH 1441</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MATH 2242</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MATH 2243</td>
<td>Calculus III</td>
</tr>
<tr>
<td>PHYS 1010</td>
<td>The Physics Of Sports</td>
</tr>
<tr>
<td>PHYS 1135</td>
<td>How Things Work</td>
</tr>
<tr>
<td>PHYS 1149</td>
<td>Environmental Physics</td>
</tr>
<tr>
<td>SCIE 1000</td>
<td>Introduction to Scientific Inquiry</td>
</tr>
<tr>
<td>TCGT 1530</td>
<td>Global Sustainability and Innovation</td>
</tr>
</tbody>
</table>

**AREA E - 9 Hours Required**

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2110</td>
<td>U.S. A Comprehensive Survey</td>
</tr>
<tr>
<td>HIST 2111</td>
<td>History of the United States to 1877</td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAST 2000</td>
<td>Introduction to African American Studies</td>
</tr>
<tr>
<td>ANTH 1102</td>
<td>Introduction to Anthropology</td>
</tr>
<tr>
<td>ECON 1101</td>
<td>Survey of Economics</td>
</tr>
<tr>
<td>ECON 1150</td>
<td>Prin of Macroeconomics by WC</td>
</tr>
<tr>
<td>ECON 2105</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>HONS 1131</td>
<td>Inquiry in the Social Sciences</td>
</tr>
<tr>
<td>PSYC 1101</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>SOCI 1101</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>WGSS 2100</td>
<td>Introduction to Women's, Gender, and Sexuality Studies</td>
</tr>
</tbody>
</table>
Apply to the Armstrong/Liberty Campuses (http://students.georgiasouthern.edu/triosss/files/Armstrong-Campus-TRIO-SSS-Application.pdf)

Apply to the Statesboro Campus (https://qafederation.ngwebsolutions.com/idp/startSSO.ping?PartnerSPld=gsulDAP&TargetResource=https://dynamicforms.ngwebsolutions.com/ShowForm.aspx?RequestedDynamicFormTemplate=b6f82c7d-ccc-4a82-b295-d846d1557a4c)

The following students are considered to be TRIO eligible:

- First-generation college students,
- Low income students, and
- Students with a disability

Please note for TRIO Student Support Services Eligibility Purposes:

- First-generation college student are those whose parents or guardians did not graduate from a four-year institution.
- Low income is based on Federal Income Guidelines (https://www2.ed.gov/about/offices/list/ope/trio/incomelevels.html).
- Students with disabilities are not required to be registered with the Student Accessibility Resource Center but, you are strongly encouraged to take advantage of this important resource.

For More Information:

**TRIO Student Support Services Armstrong/Liberty Campuses,**
Solms Hall Suite 212
912-344-3023
students.georgiasouthern.edu/triosss/armstrongcampus

**TRIO Student Support Services Statesboro Campus,**
Rosenwald Building Suite 1051
912-478-2387
students.georgiasouthern.edu/triosss/statesborocampus

**First Year Seminar**

First-Year Seminar (FYE 1220) is an introduction to college-level inquiry and campus engagement. Students take FYE 1220 in their first semester at Georgia Southern unless they enter as a transfer student with 30 hours or more. For more information, contact:

First-Year Experience
1001 Williams Center
(912) 478-3939
academics.georgiasouthern.edu/fye/

**Graduation Requirements**

Subject to the limitations and qualifications stated elsewhere in this catalog, the requirements for the baccalaureate degree are as follows:

- Undergraduate students should have their programs of study checked with their advisors at least three semesters before anticipated completion of degree and submit an “Application for Graduation.”
- All degree seeking undergraduate students expecting to graduate must apply for graduation no later than the semester before degree requirements are expected to be completed.
- To have a degree awarded, the graduation fee should be paid and all other financial obligations or “holds” must be satisfied or removed before the end of the semester that the student is planning to graduate.
- Students must earn at least 25 percent (30-34 credit hours) of their degree requirements in residence at Georgia Southern. The last 25
percent (30-34 credit hours) of credit must be earned at Georgia Southern, unless an exception is made for the student to be a transient student at another institution. A student cannot complete requirements immediately following the term he/she is in attendance as a transient student at another institution unless an official transcript of transient credit is received by the Office of the Registrar prior to the end of the semester at Georgia Southern.

- At least half of the courses required in the major must be taken at Georgia Southern.
- At least nine credit hours of the 15 required in the minor must be taken at Georgia Southern.
- At least 12 credit hours of the 18 required in the concentration must be taken at Georgia Southern. This requirement does not apply to the concentrations in the BIS degree.
- A maximum of three credit hours may be taken under the S/U grading system within any minor.
- The total institution cumulative GPA of all courses (at least 120 credit hours) applying to the degree must be 2.0.
- A student must fulfill all major, minor and specific requirements prescribed for the degree and satisfy the legal requirements with regard to evidence of an understanding of the History and Constitutions of Georgia and of the United States.
- A student must satisfy the Regents’ Test requirement for the University System of Georgia (USG). Exemptions will be evidence of competence and shall satisfy the requirement. All students completing Composition I (ENGL 1101) and Composition II (ENGL 1102) or their equivalents with a minimum grade of “C” will have satisfied this requirement.
- All students will be required to complete any current requirements beyond the catalog, such as legislative, certification and Board of Regents requirements.
- Advisors may recommend course substitutions in the major when deemed necessary by submitting the request for approval to their Associate Dean. The substitution is then submitted to the Registrar who will review each request in accordance with the Board of Regents and institutional policies.
- For students whose initial enrollment is Fall 1998 and after, Strategies for Success (GSU 1120) will not apply to the degree.
- A minimum grade of “C” is required in all Area A1 and A2 courses.
- A maximum of five physical activity credit hours may be applied to the 124-135 hours required for a degree.
- Students typically satisfy the requirements for graduation listed in the catalog when they initially enroll at Georgia Southern. However, with the approval of their advisor, students enrolled Fall 2018 and after may elect to satisfy the graduation requirements specified in any of the catalogs in effect while they are enrolled. A change of major does not constitute a change of catalog for these students. If a major is changed after Fall 2018, students must satisfy semester major requirements. However, if a student has been out of school for 10 or more calendar years and re-enters, the current catalog requirements (at time of re-entry) will apply. Any exceptions require the approval of the advisor, department chair, and dean.
- All outstanding “I” or “IP” grades must be cleared and all transcripts from other institutions must be received before the end of the term the student plans to graduate.
- Courses earned with a “C” or higher grade to satisfy the Required High School Curriculum (RHSC) can also count toward graduation.

**Degree Completion/Degree Awarding Policy**

In compliance with Federal Guidelines effective Fall 2017, a student’s academic degree in their declared program of study will be awarded at the end of the term in which all degree requirements are successfully completed by the student, even if the student has not filed a degree application. Student degree will be awarded but the academic transcript will not be released until the graduation fee has been paid by the student.

**Transcript/Holds/Graduation Fee**

If a student has a non-academic hold on their record (i.e. Parking), the hold prevents releasing the transcript and the student will not be eligible to receive financial aid after the degree is awarded. The graduation fee will be placed on the student’s account and the student will not be eligible to receive financial aid after the degree is awarded.

**Double Majors**

A double major consists of two separate majors in the same baccalaureate degree (for example, B.S. with majors in Criminal Justice and Psychology or B.A. with majors in History and Modern Languages), regardless of the college or colleges in which that degree is awarded. A double major is earned when the student completes all requirements for each of the majors and all requirements for the degree. The minimum residence requirement of 21 credit hours in courses numbered 3000 or above in the major field of study must be met for the first major. If the second major is completed concurrently with the first major or within five calendar years of the first major, this requirement shall be deemed to have been satisfied for both majors. If the second major is not completed simultaneously with the first major, a student will not be eligible for financial aid after completion of degree award and the second major will not be listed on the transcript.

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

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

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

**Second Degree with Additional Courses Needed after Primary Degree is Completed**

If a second degree is not completed at the time of the first degree, the student will not be eligible for some types of financial aid after completion of the degree awarded for the first degree. The second degree will be noted on the transcript when awarded.

**Minor(s) Sought for Completion after Primary Degree is Completed**

No minor designation will be posted on the transcript in this scenario; only courses taken for the minor will appear on the transcript.

**Second Majors**

To earn two majors, both have to be under the same degree. For example: B.A. Spanish/B.A. Biology or B.S. Psychology/B.S. Mathematics. Students seeking a second major within the same degree program must complete the specific requirements for both majors. An application for the second major must be submitted to the Office of the Registrar. Both majors will be noted on the transcript.

**Dual Degrees**

Dual degrees are earned when a student satisfies all requirements for two different baccalaureate degrees (for example, B.A. and B.S.) within one or more colleges of Georgia Southern. The minimum residence requirement of 21 credit hours in courses numbered 3000 or above in the major field...
of study must be met for the first major. If the second degree is completed concurrently with the first degree or within five calendar years of the first degree, this requirement shall be deemed to have been satisfied for both degrees. After five years from the date of the award of the first degree, credit that has been used to satisfy the university's academic residence requirement for this degree cannot be applied toward the university’s minimum academic residence requirement for the second degree. Regardless of when the second degree is completed, both degrees require that at least one-half of the courses comprising the major must be taken at Georgia Southern. If a department offers more than one degree, it may prohibit a student from earning more than one degree in that department.

Graduation With Honors

Honors are computed in the Office of the Registrar and all questions concerning honors should be directed to that office. There are three sets of criteria in effect, and the set that applies is determined by the student’s first date of attendance at Georgia Southern. Only baccalaureate degree candidates are eligible to graduate with honors. Students seeking graduate degrees are not eligible for graduation with honors. The following requirements must be met:

1. At least 60 hours of credit must be earned at Georgia Southern. Hours enrolled in Spring for May candidates will be computed to reach the 60 hours. Spring and Summer hours enrolled for Summer candidates who elect to participate in the May graduation will be computed to reach the 60 hours. Hours enrolled in Fall for December candidates will be computed to reach the 60 hours. Attaining the required 60 hours will ensure that the candidate will be recognized as graduating with honors at the respective commencement ceremony.

2. To determine eligibility for recognition of graduation with honors at the ceremony, the student’s grade point average at the end of the term prior to the commencement ceremony will be used. After graduation and all final grades are recorded and all degree requirements are complete, honors are re-calculated and will be added to diplomas and transcripts, if honors are achieved.

3. The first GPA criterion is that the minimum average for a particular level of honors must be earned on all undergraduate course work taken at Georgia Southern.

4. The second GPA criterion is that the minimum average for a particular level of honors must be earned on all undergraduate course work attempted at all institutions attended.

5. If applying the two GPA criteria, the lower GPA will be used to assess the level of honors, if any.

6. The honors assigned and the scholastic records are:

<table>
<thead>
<tr>
<th>Honors</th>
<th>GPA Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cum Laude</td>
<td>3.5 - 3.69</td>
</tr>
<tr>
<td>Magna Cum Laude</td>
<td>3.7 - 3.89</td>
</tr>
<tr>
<td>Summa Cum Laude</td>
<td>3.9 - 4.0</td>
</tr>
</tbody>
</table>

7. HONORS FOR SUBSEQUENT BACCALAUREATE DEGREES: In addition to the preceding, a third GPA criterion applies to students earning subsequent undergraduate degrees. The student must earn the minimum average for a particular level of honors on all course work taken between the most recent undergraduate degree and the current degree. The lowest of the three GPA calculations will be applied to assess the level of honors, if any.

8. HONORS FOR STUDENTS WHO SELECT ACADEMIC RENEWAL: Please refer to the policy regarding Academic Renewal.

9. ARMSTRONG AND LIBERTY CAMPUS STUDENTS ENROLLED PRIOR TO FALL 2018: Maybe eligible to receive historical honors using guidelines preceding the consolidation between Armstrong State University and Georgia Southern.

Learning Support Program

According to Board of Regents policy 4.2.1.4 Non-Traditional Students, “All non-traditional freshmen must be evaluated for Learning Support status in English (reading/writing) and Mathematics using USG placement criteria (see Academic and Student Affairs 2.9.1). As an alternative, an institution may allow non-traditional freshmen who have within the past seven (7) years posted SAT scores of at least 500 in both Critical Reading and Mathematics on the old SAT (administered prior to March 2016), or equivalent on the new SAT, or ACT scores of at least 21 on both English and Mathematics to exempt the placement test.”

The purpose of the Learning Support Program is to provide students who have been admitted with inadequate skills in reading, composition, and/or mathematics the support needed to be successful in entry-level college courses. If results of the placement tests reflect a need for assistance in developing academic skills of those who qualify for admission, students will be enrolled in a portion or in the entire Learning Support curriculum.

Learning Support courses carry institutional credit but not credit toward a degree. If the diagnostic tests so indicate, a student may be allowed to enroll in one or more college-level courses for degree credit concurrently with Learning Support courses. The student’s first obligation, however, is to satisfy Learning Support requirements.

Students’ progress will be assessed periodically, and they may move out of Learning Support courses at the end of any semester, provided satisfactory levels of proficiency have been reached. A Learning Support student who enrolls at another institution before completing Learning Support requirements at Georgia Southern may apply for readmission as a transfer student after satisfying Learning Support requirements and completing 30 hours of college-level work with a minimum GPA of 2.0.

Additional requirements for students enrolled in Learning Support courses:

- Learning Support students will be assigned a Learning Support advisor in the Academic Success Center and must see this advisor for drop/add and registration (even if the student has declared a major).
- Students are not allowed to drop any required Learning Support classes. Students may withdraw from the Learning Support corequisite class and corresponding collegiate-level course if they are failing the collegiate-level course at the time of the withdrawal deadline.
- Students who have earned 30-credit hours of college-level credit at Georgia Southern University and have not completed required Learning Support courses may enroll in only Learning Support courses and the corresponding collegiate-level course until requirements are completed.
- Students who apply for or receive financial aid and who are enrolled as Learning Support students will receive the same consideration and awards as any other student.
- Students who are not required to enroll in a Learning Support course may voluntarily enroll by submitting the request in writing to the Academic Success Center. They will be expected to participate in the course and take the tests, but they will not be subject to the Learning Support exit requirements.

See Course Descriptions (p. 282) for:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 0999</td>
<td>Support for English Composition</td>
</tr>
<tr>
<td>MATH 0998</td>
<td>Support for Mathematical Modeling</td>
</tr>
<tr>
<td>MATH 0999</td>
<td>Support for College Algebra</td>
</tr>
<tr>
<td>MATH 0997</td>
<td>Support for Quantitative Reasoning</td>
</tr>
</tbody>
</table>
Office of International Programs and Services
Interim Director: Mrs. Kristen R. Kasting-Karam

Statesboro Campus:
Veazey Hall 2020
P.O. Box 8106
Phone: (912)478-0332

Armstrong Campus:
Gamble Hall 110
Phone: (912)344-3128

The Office of International Programs & Services (OIPS) is responsible for the strategic execution of Georgia Southern’s internationalization process and provides oversight for the international activities of the campus. The OIPS aims to create a global awareness on campus and within the community. To prepare students with the global knowledge, attitudes and skills that will enable them to function as citizens of the world. We aim to infuse a global dimension throughout the University’s teaching, research, and service activities, and improve the breadth and depth of Georgia Southern’s global reach and engagement. These aspirations are achieved by managing international strategic partnerships; providing study abroad & exchange programming for students; offering professional development and service activities for faculty; maintaining high-quality, federal-compliant international student and scholar services; and hosting programs and events to promote international awareness and an appreciation of global cultures. This infusion of internationalized educational activities extends beyond the scope of the University to support global learning, business, and economic development in Southeast Georgia.

Study Abroad and Exchange Programs
Studying abroad provides students with a trans-cultural experience that has many major benefits: discovering the culture and institutions of other lands, facilitating the development of relevant career skills, making important connections with overseas professionals, and enhancing language skills. In addition, studying abroad contributes to personal maturity, a sense of independence, self-knowledge, and self-confidence. Semester, and year-long exchange, summer, language immersion, and alternative break programs are available. All disciplines are eligible to participate, and programs are offered in more than 30 locations worldwide. For more information, visit academics.georgiasouthern.edu/international/

International Student and Scholar Services
There are nearly 500 international students and scholars in F-1 (student) and J-1 (exchange visitor) visa status from about 90 countries at the university. The Office of International Programs & Services helps international students acclimate to their new environment at Georgia Southern, provides support services, processes visa-related documents, educates students and scholars on the visa laws to help them maintain their status with U.S. Homeland Security, and maintains the university’s compliance with the visa laws. Services provided include: orientation (including academic advisement and registration), English proficiency testing/placement, assistance with health insurance coverage, and visa and cultural advisement.

Intercultural Educational Programs
The OIPS plans and coordinates programs which foster international understanding and cultural exchange, both on our campuses and within our surrounding communities. Some of the programs offered are: the Global Partner Zone program, yearly symposiums on different countries, weekly International Conversation Hours, the International Club, International Education Week, the International Festival, the Global Ambassadors Program, the Cross-Cultural Friendships Program, and the International Extended Families Program. Participation in these programs and events are open to both international and U.S. students, as well as the local community.

Other Degree Requirements

Foreign Language Requirements

B.A. Degree Requirements in Foreign Languages/Computer Science
B.A. degree students must complete either

1. foreign language through the Intermediate II level (or equivalent) OR
2. two computer science courses that emphasize coding and programming (or equivalent).

Equivalence may be demonstrated by one of the following:

1. High school transcripts showing a minimum of four (4) years preparation in a single language (per USG policy, courses taken in middle school can count but must be documented in the high school transcript);
2. Taking and passing a placement test which grants credit through the Intermediate II course in a foreign language;
3. Transcripts showing four computer science units

Students transferring to Georgia Southern without sufficient course work to meet a program’s foreign language/computer science requirement will be required to fulfill the necessary courses for graduation.

B.S. Degree Requirements in Foreign Languages
B.S. degree students whose program specifies a foreign language or allows for the option of a foreign language must complete through the Intermediate I level (or equivalent).

Equivalence may be demonstrated by one of the following:

1. High school transcripts showing a minimum of four (4) years preparation in a single language (per USG policy, courses taken in...
middle school can count but must be documented in the high school transcript);  
2. Taking and passing a placement test which grants credit through the 
Intermediate II course in a foreign language

B.S. degree programs may require a course with significant international 
content in lieu of a foreign language requirement.

Requirements for All Degrees

<table>
<thead>
<tr>
<th>Area</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>6</td>
</tr>
<tr>
<td>A2</td>
<td>3</td>
</tr>
<tr>
<td>B</td>
<td>7</td>
</tr>
<tr>
<td>C</td>
<td>6</td>
</tr>
<tr>
<td>D1</td>
<td>8</td>
</tr>
<tr>
<td>D2</td>
<td>3</td>
</tr>
<tr>
<td>E</td>
<td>9</td>
</tr>
<tr>
<td>F</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credit Hours</strong></td>
</tr>
</tbody>
</table>

Definition of a Major

A major program must include 21 credit hours or more of upper division 
(junior-senior level) courses in a field of study.

Regents' Exemption Policy

Students enrolled in Composition I (ENGL 1101/WRIT 1101) or 
in Composition II (ENGL 1102) who earn an unsuccessful grade 
("D" or "F") will be required to take the course again in the following 
semester in which the student is enrolled to ensure that they can build 
on the necessary skills needed for demonstrating competence in written 
communication. The student and faculty will determine the particular 
practices necessary for successfully completing the course with a least a 
"C" grade.

History and Constitution (U.S. and 
Georgia) Requirements

Georgia law requires that each candidate for a degree or certificate 
demonstrate knowledge of the history and constitution of the 
United States and Georgia. These requirements may be met by 
passing examinations offered by the Testing Office (912) 478-5415, 
academics.georgiasouthern.edu/success/testing/legislative-exemption-
exams/or by receiving a passing grade (D grade or higher) in certain 
courses at Georgia Southern University. The courses and the 
requirement(s) each course satisfies are as follows:

- HIST 2001 satisfies United States History, United States Constitution, 
  Georgia History and Georgia Constitution;
- HIST 2110 U.S. A Comprehensive Survey satisfies Georgia History 
  and United States History;
- HIST 2111 History of the United States to 1877 satisfies Georgia 
  History and United States History;
- HIST 2112 History of the United States since 1877 satisfies Georgia 
  History and United States History;
- HIST 3133 United States Constitutional History satisfies United 
  States Constitution;
- HIST 4130 Georgia History satisfies Georgia Constitution and 
  Georgia History;
- POLS 1101 American Governments satisfies Georgia Constitution and 
  United States Constitution;
- POLS 2001 satisfies United States History, United States Constitution, 
  Georgia History and Georgia Constitution;
- POLS 3330 State and Local Government satisfies Georgia 
  Constitution.

Equivalent courses taken at an out-of-state institution will not 
satisfy the Georgia History or the Georgia Constitution requirements.

If the student has transfer courses from colleges in the State of Georgia 
or has questions about his/her History or Constitution requirements, the 
student may contact his/her advisement center or academic advisor to 
determine how to satisfy the remaining requirements.

These requirements may be met if the student has already received 
credit for the College Level Examination Program (CLEP) and/or the 
Advanced Placement Program (AP) and/or the International Baccalaureate 
Organization (IBO). Credit is awarded as follows:

- CLEP for POLS 1101 American Government satisfies United States 
  Constitution
- CLEP for HIST 2110 U.S. A Comprehensive Survey satisfies United 
  States History
- AP for POLS 1101 American Government satisfies United States 
  Constitution (Georgia Constitution requirement will be satisfied only if 
  the student has completed the AP course at a Georgia high school)
- AP for HIST 2110 U.S. A Comprehensive Survey satisfies United 
  States History (Georgia History requirement will be satisfied only if the 
  student has completed the AP course at a Georgia high school)
- IBO for HIST 2110 U.S. A Comprehensive Survey satisfies United 
  States History (Georgia History requirement will be satisfied only if the 
  student has completed the IBO course at a Georgia high school)

Equivalent courses or tests listed above taken at an out of state high 
school, will not satisfy the Georgia History or the Georgia Constitution 
requirement.

Information concerning preparation classes that will prepare students 
for the examinations offered by the Testing Office can be accessed 
at academics.georgiasouthern.edu/success/testing/legislative-exemption-
exams/ or call (912) 478-5415.

The University Honors Program

The University Honors Program provides a small college atmosphere in 
the context of a large comprehensive university. Serving students on both 
the Statesboro and Armstrong campuses, the program is designed to 
foster the development of a critical sense of inquiry, a spirit of creativity, 
a global perspective, and an ethic of civic responsibility. A hallmark of the 
program is the emphasis on bringing ideas to life through undergraduate 
research, experiential learning, and service-learning opportunities. Honors 
students have the opportunity to enroll in honors sections of courses 
which are smaller and more dynamic than the typical class. During the 
junior and senior years, students develop an honors thesis or capstone 
project to further deepen their knowledge of their major field. In addition, 
honors students apply themselves outside of the classroom in at least 
one experiential learning project each year. Honors courses involve 
innovative approaches and pedagogies and are open to talented non-
honors students where space is available.

Admission to the University Honors Program is competitive. Students 
may apply to the program as incoming freshmen, incoming transfer
students, and as current Georgia Southern students. Full details about the University Honors Program, its requirements, and the application process are found at the website: http://www.georgiasouthern.edu/honors or call the Statesboro Campus Honors office at (912) 478-7926 or the Armstrong Campus Honors office at (912) 344-3242.

Below are the requirements expected of honors students, whether they enter as traditional first-year students or join the program as a current student or transfer student.

**Traditional First-Year Students**

Traditional first-year students entering the program with fewer than 15 credit hours of earned college credit have the following requirements:

1. FYE: Honors FYE 1220, Honors First-Year Seminar (fall)
2. Core: Four Honors Core Courses\(^1\)
3. Experiential Learning: One Experiential Learning Activity per year (four total)
4. College Departmental Honors: Completion of College and/or Departmental Honors Courses
5. Honors Thesis: Includes proposal submitted one year before graduation and presentation at the Honors Research Symposium prior to graduation

**Current and Transfer Students**

Currently enrolled Georgia Southern students and transfer students who join the program will have the following requirements based on their credit hours:

1. FYE: Students who join the program as current or transfer students do not have to take Honors FYE 1220.
2. Core: Students entering with 15-29 hours need three honors core courses; Students entering with 30-44 hours need two honors core courses; Students entering with 45-59 hours need one honors core course; Students entering with 60+ hours are not required to take honors core courses. (The number of credits earned will be determined based on the calculation of hours earned prior to matriculation at Georgia Southern as they appear in a student’s DegreeWorks audit.)
3. Experiential Learning: One Experiential Learning Activity per year: three for those entering as sophomores, two for those entering as juniors, one for those entering as seniors
4. College Departmental Honors: Completion of College and/or Departmental Honors Courses
5. Honors Thesis: Includes proposal submitted one year before graduation as well as submission and presentation of the thesis prior to graduation

\(^1\) Incoming first-year students with 15 or more credit hours have the following requirements:
- Students entering with 15-29 hours need three honors core courses.
- Students entering with 30-44 hours need two honors core courses.
- Students entering with 45-59 hours need one honors core course.
- Students entering with 60+ hours are not required to take honors core courses.

The number of credits earned will be determined based on the calculation of hours earned prior to matriculation at Georgia Southern as they appear in a student’s DegreeWorks audit.

**Undergraduate Policies and Procedures**

- Academic Alerts (p. 258)
- Academic Intervention Policy (p. 258)
- Academic Renewal Policy (p. 259)
- Academic Standing Policy (p. 260)
- Classification (p. 263)
- Consolidation GPA Renewal Policy (p. 263)
- Course Load (p. 264)
- Dean’s List (p. 264)
- Employment Programs (p. 264)
- Graduate Credit for Seniors (Senior Privilege) (p. 264)
- Limited Grade Forgiveness Policy (p. 264)
- Policy for Limiting Individual Course Withdrawals (p. 265)
- President’s List (p. 265)
- Registration Time Tickets and RANs (p. 265)
- S/U Grading Options (p. 265)
- Scholarship Programs (p. 265)
- Transient Students (p. 266)

**Academic Alerts**

Georgia Southern faculty submit academic alerts for all students in areas A-E of the core curriculum and in other courses designated by their departments. Academic alerts are initial indications that students are not doing satisfactory work in one of several categories (grades, attendance, participation, missed assignments, or some combination of categories).

Academic alerts pop-up in students’ MyGeorgiaSouthern portal shortly after faculty submit them, which generally occurs during the first half of the semester. For classes in which faculty submit academic alerts, they will assign “no alert/satisfactory” to students who have not merited an academic alert at the end of the seventh week of classes during the fall and spring semesters. Students can view a record of the last academic alert a faculty member submits for them in WINGS (select “Student,” then “Academic Standing” and “Record.”

Students who receive academic alerts are advised to seek the counsel of their instructor and academic advisor to develop a plan for success. For more specific recommendations, see academics.georgiasouthern.edu/fye/students/alert-tips/

**Academic Intervention Policy**

An undergraduate student with a total institutional GPA less than 2.0 will be placed on academic intervention until the total institutional GPA is 2.0 or higher. The student must complete an Academic Improvement Plan (AIP) under guidance of an assigned university official. The AIP is developed by the student and university official and may include, but is not limited to, participation in workshops, assessments, and progress meetings. If a student appeals academic suspension, failure to complete the AIP will weigh negatively toward the decision made by the Academic Standing Committee.

A student on academic intervention is limited to taking no more than 15 credit hours per semester.

Questions regarding requirements for the AIP or limit on credit hours should be directed to the Academic Success Center (http://academics.georgiasouthern.edu/success).
Academic Renewal Policy

Academic Renewal

A provision which allows Undergraduate USG degree-seeking students who earlier experienced academic difficulty to make a fresh start and have one final opportunity to earn an associate or bachelor’s degree. Undergraduate students receiving academic renewal receive a new grade point average to be used for determining academic standing.

Requirements for Eligibility

• Current or former students must apply for Academic Renewal by contacting the Office of the Registrar. New students must contact the Office of Undergraduate Admissions. The granting of Academic Renewal is not automatic.
• Only undergraduate degree-seeking students may be eligible for Academic Renewal.
• 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, whichever comes first.
• Academic Renewal may be granted only once by a USG college or university.
• Students must have experienced their academic difficulties at Georgia Southern or be a transfer student from a regionally accredited institution of higher education to be eligible for Academic Renewal.

Readmitted students

• Undergraduate students who return to a previously attended USG institution may be eligible for Academic Renewal.
• Readmitted students must be absent from Georgia Southern 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 Georgia Southern and the date of return to Georgia Southern.
• 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. Transfer credit for any coursework taken during the period of absence shall be granted in accordance with the prevailing USG and Georgia Southern 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 Georgia Southern may be eligible for Academic Renewal for coursework taken three (3) or more years prior to the term of enrollment at Georgia Southern.
• If Academic Renewal is granted, all coursework completed three (3) years prior to the term of enrollment at Georgia Southern will be renewed.
• Courses taken less than three (3) years prior to the term of enrollment at Georgia Southern are ineligible for consideration for Academic Renewal. Transfer credit for any coursework taken three (3) or more years prior to the first term of enrollment at Georgia Southern shall be granted in accordance with the prevailing USG and Georgia Southern policies and procedures regarding the awarding of transfer credit. Retained grades are not calculated in a renewal GPA. Such credit is considered in the same context as transfer credit, credit by examination, and courses with grades of “S”.

Academic Renewal and Admissions

• At their discretion, institutions may elect to allow applicants to apply for Academic Renewal at the time of admissions or readmissions. Those institutions electing to grant academic renewal during the admission process should omit the renewed coursework from consideration when evaluating an applicant’s eligibility for admission to the institution.
• Receiving Academic Renewal does not guarantee admission or readmission to an institution. All students, including those granted Academic Renewal, must meet BOR and institution admission requirements.

Impact of Academic Renewal on GPA, Academic Credit Earned, Financial Aid Eligibility

• If a student with Academic Renewal is admitted or readmitted to a USG institution, the institution shall honor the Academic Renewal granted at another USG institution such that the coursework for which Academic Renewal has been granted at one institution shall also be granted Academic Renewal at any other USG institution subsequently attended.
• All previously attempted courses, including those for which Academic Renewal has been granted, shall be recorded on the student’s official transcript.
• An Academic Renewal GPA is calculated when the student resumes taking coursework following approval for Academic Renewal.
• Coursework taken within the Period of Absence is not eligible for renewal but transfer credit for any coursework taken during that period of time shall be granted in accordance with the prevailing USG and institutional policies and procedures regarding the awarding of transfer credit.
• The Academic Renewal GPA will be used for determining academic standing and eligibility for graduation.
• Students are still expected to meet residency requirements (the number of credit hours that must be earned at the degree awarding institution) after acquiring Academic Renewal status. Renewed courses do not count towards the institutional residency requirement.
• Institutions will determine the eligibility for honors at graduation for those students granted Academic Renewal status based on their institution policies regarding honors graduation.
• Academic credit for previously completed coursework will be retained only for courses in which a grade of “A”, “B” or “C” has been earned.
• Retained grades are not calculated in an Academic Renewal GPA. Such credit is considered in the same context as transfer credit, credit by examination, and courses with grades of “S”.
• Courses with grades of “D” or “F” must be repeated if they are required in the student’s degree program.
• Institutions shall accept transient credits of students with Academic Renewal status per their policies regarding the acceptance of such credit.
• Applicability of retained credit to degree requirements will be determined by the degree requirements in effect at the time Academic Renewal status is conferred on the student. Specific institutional program regulations must also be met.
• Scholastic suspensions that occurred in the past shall remain recorded on the student’s permanent record. If a suspension (either first or second) is on the record and the student encounters subsequent academic difficulty after having been granted Academic Renewal, the student may be subject to suspension or dismissal per the institution’s academic standing policy.
• The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.

Documenting Academic Renewal in Student Records

• Institutions that grant Academic Renewal must document the renewal on student records as described in the associated business practice.
• All courses approved for Academic Renewal are noted with a # sign.
• The date that the Academic Renewal was completed will be documented on the student’s transcripts.

About the Policy

• A student’s total institutional Grade Point Average (GPA) upon Academic Renewal will begin at his/her first semester of enrollment/re-enrollment at Georgia Southern.
• All Georgia History, Constitution, Required High School Curriculum (RHSC), and other Board of Regents Policy requirements met prior to Academic Renewal will remain on the student’s permanent record and will count in regard to those policies.
• Graduation with honors will be based on the cumulative (overall) GPA as defined in the policies for determining graduation with honors. All previous grades will be used in determining honors.
• Reentry into a student’s previous major program is not automatic.
• Academic Renewal will not supersede admissions requirements for certain programs which require a specific minimum GPA based upon all course work.

Total Institutional GPA

• All past grades of D and F will be forgiven in the readmitted student’s total institutional GPA upon Academic Renewal, but will remain in the student’s official cumulative Georgia Southern GPA. The student will lose credit for courses in which he/she earned D grades.
• All past grades of A, B, C, and S will remain in the student’s hours earned toward graduation, but they will not be included in the readmitted student’s total institutional GPA upon Academic Renewal. They will, however, be included in the student’s official cumulative Georgia Southern GPA.

Total Transfer GPA

• All past grades of D and F will be forgiven in the student’s total transfer GPA upon Academic Renewal. The student will lose credit for courses in which he/she earned D grades.
• All past grades of A, B, C, and S will remain in the student’s hours earned toward graduation, but they will not be included in the student’s total transfer GPA upon Academic Renewal.

Academic Standing Policy

If a student has an institutional GPA less than 2.0, one of the following will apply:

Academic Warning 1 (W1)

A student will be placed on Warning 1 (W1) status at the end of the first semester of enrollment in which his/her institutional GPA drops below 2.0.

- A student on W1 status will move from W1 when his/her institutional GPA is 2.0 or higher.
- A student on W1 status will remain on W1 status if s/he earns a term GPA of 2.25 or higher for the term but the institutional GPA is below 2.0.

Academic Probation 1 (P1)

A student will be placed on Probation 1 (P1) status if s/he was previously on Warning 1 (W1) status, s/he has a term GPA below 2.25, and his/her institutional GPA is below 2.0.

- A student on P1 status will move from P1 when his/her institutional GPA is 2.0 or higher.
- A student on P1 status will remain on P1 status if s/he earns a term GPA of 2.25 or higher for the term but the institutional GPA is below 2.0.

Academic Suspension 1 (E1)

Academic Suspension results when a student who begins the semester on Academic Probation 1 (P1) does not earn a term GPA of 2.25 or an institutional GPA of 2.0 at the end of the semester.

- A student on P1 status will move from P1 when his/her institutional GPA is 2.0 or higher.
- A student on P1 status will remain on P1 status if s/he earns a term GPA of 2.25 or higher for the term but the institutional GPA is below 2.0.
- A student who begins the semester on P1 will be placed on Academic Suspension 1 (E1) if his/her term GPA is not 2.25 or higher at the end of the semester and the institutional GPA is below 2.0.

Academic Warning 2 (W2)

A student will be placed on Warning 2 (W2) status at the end of the first semester after academic suspension (E1).

- A student on W2 status will move from W2 when his/her institutional GPA is 2.0 or higher.
- A student on W2 status will remain on W2 status if s/he earns a term GPA of 2.25 or higher for the term but the institutional GPA is below 2.0.
- A student who begins the semester on W2 will be placed on Academic Probation 2 (P2) if his/her term GPA is not 2.25 or higher at the end of the semester and the institutional GPA is below 2.0.

Academic Probation 2 (P2)

A student will be placed on Probation 2 (P2) status if s/he was previously on Warning 2 (W2) status, s/he has a term GPA below 2.25, and his/her institutional GPA is below 2.0.

- A student on P2 status will move from P2 when his/her institutional GPA is 2.0 or higher.
- A student on P2 status will remain on P2 status if s/he earns a term GPA of 2.25 or higher for the term but the institutional GPA is below 2.0.
- A student who begins the semester on P2 will be placed on Academic Suspension 2 (E2) if his/her term GPA is not 2.25 or higher at the end of the semester and the institutional GPA is below 2.0.
Academic Suspension 2 (E2)

Academic Suspension 2 results when a student who begins the semester on Academic Probation 2 (P2) does not earn either a term GPA of 2.25 or an institutional GPA of 2.0 at the end of the semester.

- A student on E2 status cannot be enrolled at Georgia Southern for three years.

- Students who are not enrolled for three years may be eligible for academic renewal.
  - The granting of academic renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.

- Any student suspended from the university may submit an appeal to the Academic Standards Committee to be readmitted any time during the three-year suspension period. If the appeal is denied by the Academic Standards Committee, the student may appeal to the Dean of his/her College.
  - If a student’s readmission appeal is approved by either the Academic Standards Committee or the Dean of his/her College, the student will remain enrolled at the University and will be placed on an intermediate (02) status. A student will be allowed no more than one approved appeal.

Financial Aid Implications

A student’s ability to receive future financial funding and ability to meet the Federally mandated Standards of Academic Progress may be impacted by his/her academic standing. Furthermore, earning a 2.0 institutional GPA or higher does not necessarily meet financial aid requirements regarding Satisfactory Academic Progress. Students should make an appointment with a financial aid counselor.
Academic Standing Policy

Student GPA is 2.0 or higher

If student’s institutional GPA drops below 2.0, student is placed on Academic Warning (AW)

At the end of the semester:

Is student’s total institutional GPA 2.0 or higher?

YES

Student moves from W1

NO

Is student’s term GPA 2.0 or higher?

YES

Student’s standing remains W1

NO

Student is placed on Academic Probation (AP)

At the end of the semester:

Is student’s total institutional GPA 2.0 or higher?

YES

Student moves from AP1

NO

Is student’s term GPA 2.0 or higher?

YES

Student’s standing remains W1

NO

Student is placed on Academic Suspension 1 (AS1)

Academic Suspension 1 is for two consecutive 15-week semesters.

Student is readmitted to the University after sitting out 2 semesters or making an approved appeal from the Academic Standards Committee or the Dean of Undergraduate College.

At the end of the semester:

Is student’s total institutional GPA 2.0 or higher?

YES

Student moves from AS1

NO

Is student’s term GPA 2.0 or higher?

YES

Student’s standing remains AS1

NO

Student is placed on Academic Suspension 2 (AS2)

Academic Suspension 2 is for three years.

Student is readmitted to the University by an approved appeal from the Academic Standards Committee or the Dean of Undergraduate College.
Additional Academic Standing Policies

Readmission
A student who has been placed on Suspension 1 (E1) may apply for readmission to Georgia Southern after remaining out for one year (three semesters). After a subsequent Suspension 2 (E2), a student may apply for readmission after remaining out for three years. A former student application should be submitted to the Office of the Registrar for the semester readmission is desired. A student may have to be approved for Academic Renewal (p. 259) to be readmitted.

Readmission (Post-Baccalaureate)
A post baccalaureate student will only be allowed to take undergraduate classes. Post baccalaureate students will not be allowed to take any graduate classes.

Post baccalaureate students who are degree seeking may use the following website for more information on how to contact an advisor and schedule an appointment for advisement: academics.georgiasouthern.edu/advisement.

Requirements After Readmission
Following any academic Suspension and a subsequent readmission, a student will be allowed to continue a maximum of three semesters of enrollment before their total institutional GPA has to be above a 2.0. At this time the student will be placed on Academic Suspension 2 if the total institutional GPA is not a 2.0 or higher.

Right of Appeal
In all matters concerning Suspension 1 or 2, the student may appeal to the Registrar and clearly stating the basis for an appeal. The student may appeal after receiving Suspension 2 if the student has not received an approved appeal after they received Suspension 1. The appeal will be considered by the Academic Standards Committee. A student will be allowed no more than one approved appeal to the Academic Standards Committee and/or to the student's dean.

Appeal forms are available online at em.georgiasouthern.edu/Registrar/students/forms/ and must be submitted electronically. Click “Student,” click “Forms for Students,” and scroll down to the readmission appeal form and submit the appeal. The student should submit the appeal as soon as possible but must be received in the Office of the Registrar prior to 4 p.m. three (3) working days before the first day of University classes for the semester the student is seeking readmission to Georgia Southern. Individuals failing to satisfy the deadline may submit their appeal for the following semester.

Repeating Courses
An undergraduate student may repeat any course and the most recent grade becomes the official grade for the course even if the most recent grade is lower. All grades will be used in computing the total institutional GPA. The total institutional GPA will be used to determine a student’s academic standing and graduation GPA requirements.

Attending Other Colleges or Universities
The University cannot request another institution to accept a student during any period of ineligibility at Georgia Southern, but we have no objection to another institution allowing a student to attend while on Suspension 1 or Suspension 2.

Classification
Students are classified at the beginning of each semester on the following basis:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Credit Hours Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshmen</td>
<td>0 - 29.99</td>
</tr>
<tr>
<td>Sophomores</td>
<td>30 - 59.99</td>
</tr>
<tr>
<td>Juniors</td>
<td>60 - 89.99</td>
</tr>
<tr>
<td>Seniors</td>
<td>90 or more</td>
</tr>
</tbody>
</table>

Consolidation GPA Renewal Policy

Applying for Consolidation GPA Renewal

Part I
- Only undergraduate students who were adversely affected by the consolidation of the two universities can submit an appeal for Consolidation GPA Renewal status;
- Georgia Southern University shall establish specific evaluative criteria and procedures for appeal evaluation, approval, and denial for Consolidation GPA Renewal. These procedures are subject to change;
- The home institution of the student will be used to determine if the appeal is approved or denied;
- A student can be approved for Consolidation GPA Renewal status only one time.

Part II
- If the student’s appeal is approved, the updated Consolidation Renewal GPA becomes the total institutional GPA;
- The new total institutional GPA will be used for determining academic standing and eligibility for graduation;
- Graduation with honors will be based on the overall GPA as defined in the policies for determining graduation with honors. All previous grades, including any omitted to recalculate the total institutional GPA due to an approved Consolidation GPA Renewal appeal will be used in determining honors;
- Courses taken after the consolidation (Fall 2018) are ineligible for consideration for Consolidation GPA Renewal.

Part III
- Academic credit for previously completed coursework will be retained only for courses in which a grade of A, B, C or D has been earned;
- Retained grades may not be calculated in the total institutional GPA. Such credit is considered in the same context as transfer credit, credit by examination, and courses with grades of “S”;
- Courses with grades of F or WF must be repeated at the consolidated institution if they are required for the student’s degree requirements;
- Applicability of retained credit to degree requirements will be determined by the degree requirements in effect for the students major and catalog year. Specific institutional program regulations must also be met.

Part IV
- Repeated courses will adhere to the consolidated institution’s repeat policy;
• Any scholastic suspensions that occurred in the past shall remain recorded on the student's permanent record;
• All previously attempted coursework from Armstrong State University and Georgia Southern University prior to the consolidation will continue to be recorded on the student's official transcript;
• The approval of Consolidation GPA Renewal does not supersede financial aid policies;
• The approval of Consolidation GPA Renewal does not supersede the admissions requirements of certain programs, e.g., teacher education and nursing, which require a specific minimum grade point average based upon all coursework;
• Consolidation GPA Renewal status approved by Georgia Southern University shall be honored at all other USG institutions.

If you would like to appeal, please submit the Consolidation GPA Renewal (https://drive.google.com/file/d/1iPKoZwpv2pXF_SQp8FWcdBEJnXjW_tz7/view) form to the Office of the Registrar.

Course Load
A student's course load is computed on the credit hour value of all courses taken for credit during the semester whether taken on-campus, off-campus, or by correspondence. A normal load in a semester is fifteen (15) to eighteen (18) hours. Twelve or more hours is considered a full-time load for undergraduate students. A student must take six (6) to eight (8) hours to be considered a half-time student or a student must take nine (9) to eleven (11) hours to be considered a three-quarter time student. An advisor may approve an overload for nineteen (19) to twenty-one (21) hours. The Dean of the College in which the student's major is found may approve an overload for twenty-two (22) to twenty-three (23) hours. Under extraordinary circumstances, a student's dean may recommend to the Provost that a student be allowed to take more than twenty-three (23) hours, but not more than twenty-five (25) hours. Students are allowed to take no more than seven (7) semester hours during Term A, B, D, and E. No more than twelve (12) semester hours during the Long Term or a combination of concurrent terms. During the summer semester, a Georgia Southern undergraduate student must receive approval from his/her advisor to enroll in more than twelve (12) hours.

Dean's List
During any semester, an undergraduate or post baccalaureate student enrolled in 12 or more GPA hours and making a semester GPA of 3.5 - 3.9 will be placed on the Dean's List. The Dean's List Certificate will be awarded by the appropriate dean.

Employment Programs
The University offers two student employment programs: Federal College Work-Study and Institutional Work Program.

Federal College Work-Study Program - The Federal College Work-Study Program (FWS) provides jobs for students who demonstrate financial need and who want to earn money to help pay for some of their educational expenses. Students must file the Free Application for Federal Student Aid (FAFSA) to establish financial need in order to be awarded FWS. The amount of the award depends upon demonstrated financial need and the amount of funds available. The standard award allows the student to work 8 to 10 hours per week for a 15 to 18 week period. Visit the Financial Aid website at http://em.georgiasouthern.edu/finaid/ for more information.

Institutional Work Program - The Institutional Work Program helps students find part-time jobs in the various departments on campus. All currently enrolled students may participate, and no financial eligibility requirements apply. Interested students should visit the Student Employment Center website at http://jobs.georgiasouthern.edu/SEC/ in order to review the various on-campus job openings and part-time job opportunities available in the Statesboro area. Students must be enrolled in six or more credit hours to qualify for this program.

Graduate Credit for Seniors (Senior Privilege)
A Georgia Southern senior with no more than nine (9) credit hours remaining in completing the requirements for the bachelor's degree may apply for Senior Privilege to enroll in graduate courses for graduate credit providing:

• The student submits a Senior Privilege Application Form (http://cogs.georgiasouthern.edu/wp-content/uploads/SeniorPrivilegeApplicationForm.pdf);
• Permission to enroll in such courses is obtained from the chairperson of the department involved, the appropriate graduate program director, and COGS (College of Graduate Studies);
• The student is otherwise qualified for Regular Degree Admission to the COGS;
• The total term load does not exceed fifteen (15) credit hours, with no more than nine (9) credit hours of graduate credit.

** Under Senior Privilege, courses cannot be used for both graduate and undergraduate credit.

Limited Grade Forgiveness Policy
Under the conditions outlined below, undergraduate students who have retaken courses and earned a higher grade may request to have the first grade excluded from their institutional GPA. If the request is approved, the Office of the Registrar will make appropriate notations next to the original course and the retaken course on the student's official transcript. Grades for all attempts at the course will appear on the student's official transcript regardless of whether or not the grade has been excluded from the student's GPA.¹ This policy has no effect on any GPA requirements set by state or federal laws/regulations (such as the GPA requirements set by the HOPE scholarship program). A copy of the request and approval will become part of the student's permanent record file. The initial course must have been taken Fall 2018 or thereafter and the attempt to repeat must be made in Spring 2019 or thereafter. Students who have repeated courses prior to this date will not be allowed to exclude earlier attempts from their GPA calculation.

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

• Only courses in Areas A through E of the University CORE (https://catalog.georgiasouthern.edu/undergraduate/academic-resources/programs-requirements/core-curriculum-course-requirements) are eligible for grade forgiveness;
• Both the initial attempt and the repeat attempt of the course must be taken at Georgia Southern for the student to qualify for Grade Forgiveness.
• No more than a total of five course grades (from five different courses) may be replaced and excluded from the student's GPA calculations;
• Before requesting to apply the limited grade forgiveness policy, a student must have either retaken the same undergraduate course (or the renumbered substitute for that course) or taken a course that satisfies the same CORE requirement and earned a higher grade in the course retaken;
• Once a request has been approved the request cannot be revoked or reversed;
Students may view their time ticket on WINGS by going through their student beginning and ending dates and times for registration. Time each semester by means of their time ticket. A “time ticket” gives a web system, Web Interactive Network for Georgia Southern (WINGS), Undergraduate students are allowed to register on Georgia Southern’s RANs.

1 Courses that do not count towards GPA calculations cannot count towards degree requirements.

Policy for Limiting Individual Course Withdrawals

Undergraduates may withdraw from a maximum of six (6) courses for their entire enrollment at the University. Students who have reached their maximum number of withdrawals may elect to receive a "withdrawal-failing" (WF) grade in the course, which is calculated as an "F" for GPA purposes. A student who attempts to withdraw from a course beyond the limit without special permission from the dean of his or her college will continue to be enrolled in the course and will receive a grade at the end of the semester.

Only withdrawals incurred at Georgia Southern count toward the maximum number of withdrawals. Withdrawals incurred prior to the implementation date (Fall 2018) will not count toward students’ number of allowed withdrawals. Transfer students, irrespective of their classification upon enrolling at Georgia Southern, are also limited to six withdrawals at Georgia Southern.

Automatic exceptions are as follows:

- Withdrawals are automatically exempt from the maximum number of withdrawals when students withdraw from all classes for hardship, military or personal reasons that are documented and approved.
- Linked lecture-lab courses will count as a single course withdrawal.

Petitions for exception based on other circumstances are heard in the following manner:

- Once the withdrawal limit is reached, students will only be allowed to withdraw from an individual course or courses for extenuating circumstances beyond their control. To withdraw without penalty in these cases, students must appeal in writing to the dean (or the dean’s designee) of their academic college (not necessarily the college in which the course is taught). Appeals for individual withdrawals are not heard unless the student has already reached the maximum number of withdrawals allowed.

President’s List

During any semester, an undergraduate or post baccalaureate student enrolled in 12 or more GPA hours and making a semester GPA of 4.0 will be placed on the President’s List. A President’s List Certificate will be awarded by the President.

Registration Time Tickets and RANs

Undergraduate students are allowed to register on Georgia Southern’s web system, Web Interactive Network for Georgia Southern (WINGS), each semester by means of their time ticket. A “time ticket” gives a student beginning and ending dates and times for registration. Time tickets are assigned on the basis of total cumulative credit hours earned. Students may view their time ticket on WINGS by going through their MyGeorgiaSouthern (http://My.GeorgiaSouthern.edu) account. A student’s time ticket on WINGS is found by first clicking on the “Student” menu. After choosing this menu, the student will click on “Registration,” then click on “Check Your Registration Status, Time Slot and More.”

Before any student at Georgia Southern registers for classes on WINGS, he/she must have a Registration Access Number (RAN). This number will be given to each student by the appropriate academic advisor during advisement each semester. Degree seeking post baccalaureate students will receive their RAN from their academic advisor. Non-Degree seeking Post Baccalaureate students will get their RAN from their MyGeorgiaSouthern (https://my.georgiasouthern.edu/portal/portal.php?h=3be6e128a56ff829311744c537e87bb0) account. Also, students will get their RAN from their MyGeorgiaSouthern (https://my.georgiasouthern.edu/portal/portal.php?h=3be6e128a56ff829311744c537e87bb0) account.

S/U Grading Options

Students may select the S/U grading option under the following conditions:

1. Student must have earned 67 semester credit hours prior to enrolling in any course for S/U grading;
2. Student must be in good academic standing;
3. Student must have declared a major;
4. S/U grading will be permitted only in courses being used to satisfy the free elective or minor requirements of the individual student’s degree program. A maximum of three credit hours will be allowed for any minor. The option applies only to undergraduate courses;
5. Student may not change from S/U grading status to letter grade status or vice versa after the last day of Drop/Add.

Under the S/U grading option, the course content and requirements are the same for S/U registrants as for regular registrants. The minimum performance for an “S” grade is equivalent to the minimum performance for the letter grade “D”.

A student electing the S/U grading option must obtain approval from the student’s advisor. The advisor giving such approval should submit an email specifying this approval to the Registrar’s Office.

Scholarship Programs

New Student Scholarships

Scholarships for first-time freshmen and transfer students are administered by the Office of Admissions. To review scholarship opportunities, please access the Admissions website at admissions.georgiasouthern.edu/.

Continuing Students

All continuing students are encouraged to apply for scholarships through their MyScholarships portal found on MyGeorgiaSouthern. Doing so qualifies the students for a wide variety of scholarships - including departmental, general, and study abroad. The site may also be accessed by visiting: georgiasouthern.academicworks.com/ (https://georgiasouthern.academicworks.com).

State Scholarships

The Georgia Student Finance Commission administers state scholarships and student grant programs. For information contact:

Georgia Student Finance Commission
2082 East Exchange Place, Suite 200
Tucker, GA 30084
(800) 505-4732
The HOPE Scholarship (Helping Outstanding Pupils Educationally) and Zell Miller Scholarship are Georgia’s unique programs that reward hard working Georgia students with matriculation scholarships in degree programs at any Georgia public college, university, technical college or eligible private institution. The programs are funded by the Georgia Lottery for Education and amounts are subject to change.

To qualify for HOPE, a student must be a legal resident of Georgia or be considered a Georgia resident for purposes of in-state tuition at the time of enrollment for the school term for which the scholarship is sought. Students who graduated from high school with a high school core curriculum GPA of at least 3.0 may qualify for the HOPE Scholarship as incoming freshmen.

Students who did not qualify for HOPE as incoming freshmen may still receive a HOPE Scholarship if they graduated from high school less than seven years ago, were a legal resident of Georgia at the time of enrollment for the school term for which the scholarship is sought, and have a 3.0 cumulative GPA after attempting 30, 60, or 90 credit hours of University course work.

HOPE eligibility is reviewed at various checkpoints during the academic year and all attempted credit hours are counted in the review. “Attempted hours” refers to all credit hours attempted in a degree program at a postsecondary institution after high school graduation, including classes that were dropped or failed. The deadline to apply for HOPE is the last day of class for the semester for which you are applying.

The Zell Miller Scholarship provides full tuition funding to undergraduate Georgia residents who graduate from high school with a 3.7 or greater GPA and score at least a 1200 reading and math score on the SAT or an ACT composite score of 26. To remain eligible, students must maintain at least a 3.3 college GPA at the checkpoints (30, 60, 90 attempted credit hours and after every spring semester).

The Georgia HERO Scholarship (Helping Educate Reservists and their Offspring) was created to provide financial aid to students seeking a post-secondary education, who are:

1. Current members of the Georgia National Guard or United States Military Reserves who are deployed overseas on active service, on or after February 1, 2003, to a location designated as a combat zone; or
2. The children of Georgia National Guard members or United States Military Reservists who were deployed overseas on active service, on or after February 1, 2003, to a location designated as a combat zone; or
3. The spouses of Georgia National Guard members or United States Military Reservists who were deployed overseas on active service, on or after February 1, 2003, to a location designated as a combat zone, and who were killed in the combat zone, or died as a result of injuries received in the combat zone, or became 100 percent disabled as a result of injuries received in the combat zone.

The Georgia HERO Scholarship Program is funded by state appropriations. The maximum amount awarded to an eligible student is $2,000 per Award Year. The award amount is subject to change during the Award Year.

The Scholarship for Engineering Education for Minorities (MSEE) program offers financial assistance to Georgia residents who are enrolled in an engineering program of study approved by the Engineering Accreditation Commission of the Accrediting Board of Engineering and Technology (ABET). The purpose of the program is to attract minority undergraduate students into the engineering profession and to increase the number of qualified engineers in Georgia. MSEE is a service cancelable loan that can be used for tuition, room and board, or other educational expenses. In return, students agree to work in Georgia after graduation in an engineering-related field for a reduction in the loan’s balance. These funds are limited.

Dual Enrollment is a dual credit enrollment program for eligible high school and home study students who wish to earn high school and college credit for postsecondary coursework. Dual Enrollment funding is available during the fall, spring and summer terms of the school year. Dual Enrollment funding may cover the cost of standard undergraduate tuition, mandatory fees and a book allowance for a maximum of 15 semester hours.

Realizing Educational Achievement Can Happen (REACH) Scholarship Program is a needs-based mentoring and scholarship program designed to ensure that Georgia’s academically promising students have the academic, social, and financial support needed to graduate from high school, attend college, and achieve postsecondary success. Private and public donations fund the scholarships.

Contact a financial aid counselor for other requirements and further information, (912) 478-5413. Additional restrictions may apply. The above is based on the most recent information from the Georgia Student Finance Commission and is subject to change.

Other Outside Sources of Financial Aid

Many foundations, companies, and other groups have established scholarship or loan programs for use by Georgia Southern University students. To review these, access the Georgia Southern University Financial Aid website at em.georgiasouthern.edu/finaid/types-of-aid/scholarships/. Other helpful websites to use in searching for external scholarships may be found on our Financial Aid website under "Types of Aid" at em.georgiasouthern.edu/finaid/external-scholarships/.

Transient Students

Georgia Southern students (with a 2.0 or higher Georgia Southern total institutional GPA) who wish to take course work at another institution and receive academic credit at the institution may do so if the following conditions are met:

1. Student must have a total institutional grade point average of 2.0 or higher;
2. Student must complete a Transient Form (available in the Office of the Registrar or at em.georgiasouthern.edu/registrar/students/forms/) obtaining the approval of his/her advisor and the Office of the Registrar;
3. If the student is within the last 25% of hours needed for graduation, the student must also obtain the written approval of his/her department chair and academic dean;
4. Students with learning support requirements must obtain permission from the Director of the Academic Success Center;
5. Students may be approved for transient status for only one semester at a time;
6. Students must make a minimum grade of “C” to assure that the course will be accepted in transfer;
7. Students attending another institution as a transient student must request that an official transcript of course work as a transient be sent to Georgia Southern’s Office of the Registrar once the semester is over;
8. A student who takes his/her last work for a degree as a transient student during any graduation semester may not be eligible for graduation that semester;
9. A student must apply for admission to the school he/she wishes to attend;
10. A student must not have a financial hold (FH) and must not owe outstanding tuition and/or fees to the university;
11. International transcripts require an official comprehensive course-by-course evaluation provided by one of the following or an alternative credentials agency: World Education Services www.wes.org/ (http://www.wes.org) or Josef Silny and Associates, Inc. www.jsilny.com (http://www.jsilny.com).

Note: Courses taken as a transient will not be calculated in the Georgia Southern GPA. However, transient work may affect a student’s eligibility for graduation with honors.

**Undergraduate Admissions**

The University accepts applications from qualified applicants from all cultural, religious, and ethnic groups. Admissions standards are designed to identify students whose academic backgrounds indicate they are capable of successfully completing work at Georgia Southern University. (See Equal Opportunity Policy (p. 502) statement.)

Applications for admission may be submitted online at GeorgiaSouthern.edu/admissions (http://admissions.georgiasouthern.edu). Applications must be submitted prior to the application deadline.

Normally, all applicants who have applied or updated their applications prior to the application deadline for a specific term will be considered for admission. However, the University reserves the right to stop accepting applications at any time. Therefore, students are encouraged to apply or update well in advance of the application deadline.

The University reserves the right to examine any applicant by the use of psychological, achievement, and aptitude tests. Each applicant must give evidence of good moral character, promise for growth and development, seriousness of purpose, and a sense of social responsibility.

The University reserves the right to require additional biographical data and/or an interview before the applicant is accepted or denied admission. If an interview is required, the applicant will be notified.

The final decision of acceptance or denial will be made by the Director of Admissions subject to the applicant’s right to appeal as provided in the policies of the Board of Regents of the University System of Georgia.

An applicant who chooses not to enroll for the semester accepted must notify the Office of Admissions to update the term of application.

Acceptance may be deferred until additional information is received. An applicant who updates their intended term of entry must meet admissions requirements for the new term. Applications remain on file and are eligible for update for two years.

- **Beginning Freshmen** (p. 267)
- Credit by Examination (p. 267)
- Dual Enrollment at Georgia Southern (p. 268)
- International Student Admission (p. 268)
- Post-Baccalaureate Admission (p. 269)
- Proficiency Exams (p. 269)
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- Required High School Curriculum (p. 270)
- Special Admission for Adult and Non-Traditional Students (p. 270)
- Special Admission for Students Age 62 and Older (p. 270)
- Transfer Admission (p. 270)
- Transfer Credit/Military Credit (p. 271)
- Transient Admission (p. 272)

**Beginning Freshmen**

An applicant will be considered for admission upon compliance with the following requirements and conditions:

1. Graduation from an approved secondary school;
2. Satisfactory completion of the Required High School Curriculum, which should include the following units. Additional information regarding courses used to satisfy these requirements can be found on the Office of Admissions freshmen requirements website (https://admissions.georgiasouthern.edu/requirements/freshmen) or in the Board of Regents’ Academic & Student Affairs Handbook, section 3.1.1.1.
   4. Mathematics
   4. English
   4. Science
   3. Social Science
   2. Foreign Language
3. Submission of satisfactory scores on the College Board Scholastic Aptitude Test (SAT) - minimum 1030 SAT total (Evidence-Based Reading & Writing + Math on redesigned exam) - or American College Test (ACT) with a 20 composite;
4. U.S. citizens or resident aliens for whom English is not the native language may be required to take the English Language Placement Exam upon arrival. Resident aliens must submit a copy of their green card;
5. Submission of an official high school transcript and a record of good conduct. Major or continued difficulty with the school or civil authorities may make an applicant ineligible regardless of academic qualifications.

Georgia Southern University offers a summer entry program for students to demonstrate their ability to succeed at college-level work. Students who participate can enroll regularly for fall 2018. Refer to GeorgiaSouthern.edu/eaglesuccess (https://admissions.georgiasouthern.edu/programs/eaglesuccess) for additional information.

Applicants are usually admitted prior to high school graduation, once they have completed their junior year of high school, and have submitted an official high school transcript. The transcript should include a satisfactory grade point average and a full listing of senior year courses yet to be completed. Satisfactory SAT or ACT scores must be requested from the testing agency and sent directly to the Office of Admissions by that testing agency.

Please note: Students applying to secondary admit programs must meet general admission requirements, as well as meet specific program requirements. An additional application to the program of choice is required. Admission to Georgia Southern University does not guarantee acceptance into secondary admit programs.

(GED holders - See Adult Student (p. 270) criteria)

1 All requirements are subject to change. Please contact the Office of Admissions at (912) 478-5391 or at admissions.georgiasouthern.edu for current admission requirements.

**Credit by Examination**

**Advanced Placement, International Baccalaureate, AICE, and CLEP**

Academic credit can be awarded, per approval by the Deans at Georgia Southern University, for appropriate courses in the curriculum for successful completion of college-level curricula and standardized
examinations offered by nationally recognized organizations, such as
Advanced Placement Program (AP), the International Baccalaureate
Program (IB), the College Level Examination Program (CLEP), and
DANTES Subject Standardized Test Program (DSST). SACSCOC
Principle 9.4 states, “At least 25 percent of the credit hours required
for an undergraduate degree are earned through instruction offered
by the institution awarding the degree.” Beyond this requirement,
there is no limit on the amount of semester credit hours that can be
awarded for credit by exam. Approved academic credit listings will be
maintained by the Office of Admissions and can be found on their website
at admissions.georgiasouthern.edu/future/ap-ib-clep.

A student may opt not to accept credits. If a student believes that the
assessment of his or her work from standardized examination and
subsequent awarding of credits is in error, the student may file an
appeal with the appropriate academic department office and request
a re-assessment. As with other academic matters, if the issue is not
satisfactorily resolved at the department level, the student may then
appeal to the dean of the respective college, with a final appeal to the vice
president for academic affairs, whose decision in the matter will be final.

Dual Enrollment at Georgia Southern

Dual Enrollment courses are primarily available for eligible 11th or 12th
grade (in some limited cases 9th-10th grade) high school students who are
sixteen years or older. Students may enroll full-time or part-time in
approved credit-bearing college-level courses. The Dual Enrollment
program is available to 11th and 12th grade students at public and private
high schools in the state of Georgia, or students who attend an eligible
home study program. There is no residency or citizenship requirement to
participate in the Dual Enrollment program.

Approved courses for dual enrollment are listed in the
Approved Course Directory (https://apps.gsfc.org/secure/dsp_accel_course_listings.cfm). Approved classes may include degree
level or non-degree level courses in the five main academic areas
(English, Mathematics, Science, Social Studies, and Foreign Language),
as well as electives.

The Dual Enrollment program covers 100% of tuition for approved
courses, all mandatory, non-course related fees, and textbooks for
approved courses. Students may incur expenses for course-related fees
and supplies required for a particular course, or optional fees such as
parking, housing, and dining. Dual Enrollment is available during fall,
spring, and summer semesters.

Students must apply by submitting an application for admission to Georgia
Southern (no application fee required), high school transcript, student
participation agreement, and SAT, ACT, or ACCUPLACER scores. The
Georgia Department of Education (DOE) has produced and provided to the
Georgia Student Finance Commission (GSFC) a directory of eligible
public high school courses that can be substituted with college level
coursework and applied toward high school graduation requirements for
dual credit students. Georgia Student Finance Commission contact
information: (770) 724-9000 or http://www.gsfc.org/.

Questions regarding this program should be directed to the student's high
school counselor or the Office of Admissions. Students should confer with
their high school counselor to determine which courses are necessary for
satisfying high school graduation requirements. Placement in these
courses cannot be guaranteed.

Dual Enrollment is a state-funded program for high school (public, private,
and approved home-study) students that provides dual enrollment
 tuition assistance in Georgia. The program offers the opportunity to earn
dual credit, satisfying high school and college Required High School
Curriculum.

Note: All Dual Enrollment state policies are subject to change at any
time per the State of Georgia Legislature and Georgia Student Finance
Commission.

Admission Requirements for Dual Enrollment

To be admitted to the Dual Enrollment Program at Georgia Southern
University, the student must satisfy the following:

1. Earn an academic grade point average of at least a 3.0 (85 on numeric
scale) as recalculated by the Office of Admissions;
2. Submit SAT scores of at least 1050 total (Evidence-Based Reading &
Writing + Math on redesigned exam) or ACT scores of at least 20
Composite or ACCUPLACER® scores of at least 237 Reading, 258
Quantitative Reasoning, Algebra, & Statistics and 4 WritePlacer;
3. Gain permission from their high school guidance counselor and
parents by completing the student participation agreement;
4. Meet all other regular (non-provisional) admission requirements.

Students who participate in Dual Enrollment during high school with a
college or university other than Georgia Southern University must meet the
University System of Georgia's dual enrollment requirements before credit
will be awarded in transfer to Georgia Southern.

Dual Enrollment students will only receive letter grades from Georgia
Southern University. Numeric grades are not provided to the high schools.

International Student Admission

Georgia Southern subscribes to the principles of international education
and to the concept that education and diversity can promote respect,
appreciation, understanding, and tolerance of other cultures.

International students, permanent residents, and naturalized citizens
graduating from U.S. high schools must meet requirements and conditions
set forth under the heading of “Beginning Freshmen” in the Admissions
section of this catalog. This includes completion of college preparatory
subjects, submission of satisfactory scores on the Scholastic Aptitude
Test (SAT) or the American College Test (ACT), and satisfactory grade
point average. Students transferring from U.S. colleges or universities
must meet the same requirements set forth in the “Transfer Admission
(p. 270)” section of this catalog.

Applicants graduating or transferring from schools outside the United
States will be considered for admission upon compliance with the following
requirements:

1. Transfer students may be required to submit an evaluation of
international transcripts completed by a professional evaluation
agency.
2. Submission of original or official secondary school and higher
educational records including exam results, certificates, degrees,
diplomas, and/or transcripts in the native language. The grade point
average must be above average in academic work.
3. Submission of all educational documents translated into English; must
be official translations.
4. Non-native English speakers must submit satisfactory scores on the
Test of English as a Foreign Language (TOEFL) or the International
English Language Testing System (IELTS). International students
whose native language is not English, but whose secondary instruction
was exclusively in English, must submit Scholastic Aptitude Test (SAT scores) or American College Test (ACT) scores. Native speakers of English will be required to submit satisfactory scores on the SAT or ACT.

5. Applicants who require an F-1 student visa must submit a SEVIS Data Form and official documentation from a financial institution showing a minimum of one year’s educational and living expenses. The University assumes no financial responsibility for the student. Without this financial evidence, the University cannot issue the required I-20 Certificate of Eligibility for Nonimmigrant F-1 Student Status. Continuation of enrollment into a new program of study, such as a master’s degree, requires additional financial documentation.

6. If the student is in the United States or has a U.S. visa, they must submit a copy of the visa, I-94, and passport information.

International students, permanent residents, and naturalized citizens, regardless of TOEFL or SAT/ACT scores, may be required to take an English placement exam upon arrival at Georgia Southern University. Georgia Southern University maintains the philosophy that all students who gain admission should be given the best chance possible to succeed. Since students enter at many levels of ability and preparation, the University seeks to give assistance to each student where needed. Georgia Southern University offers a full range of English Language Program courses designed specifically to assist students whose native language is not English in developing English skills.

Students in F-1 visa status are responsible for making sure they comply with all laws regulating their visa status. To assist students with maintaining their visa status, a summary of the visa laws are sent with the I-20 and are provided at the International Orientation session after arrival on campus. In addition, handouts are available in the Office of International Programs & Services. Students are encouraged to contact the Office of International Programs & Services for information and assistance at (912) 478-7435 or on the web at http://GeorgiaSouthern/ international.

Two basic aspects of maintaining status involve employment and full-time enrollment. F-1 visa law allows students to work on campus for a maximum of 20 hours a week. During summer semesters (if not enrolled) and official breaks, students are permitted to work on campus full-time. Off-campus work is NOT permitted without specific authorization from Georgia Southern’s Immigration Specialist or U.S. Citizenship and Immigration Services. F-1 visa law requires students to carry a FULL course of study during fall and spring semesters. Summer semesters are recognized as vacation terms and enrollment is not required. For international students in F-1 status, no more than one online class per semester may be counted toward the full course of study requirement.

Full time enrollment is as follows:

12 credit hours per semester = Undergraduate

Georgia Southern will only admit students who are academically qualified.

The University System of Georgia requires all international students to have adequate health insurance. An insurance plan is available through the University and is administered by the Office of International Programs & Services. The current cost is approximately $2,600 per year for undergraduate students and is paid in two installments. The August premium (payment) covers fall semester and the January premium covers spring and summer semesters. Students who have health insurance that provides coverage in the U.S. may submit an International Student/Scholar Insurance Waiver Form, available through the Office of International Programs & Services, to their insurance company. If the waiver is received directly from the insurance company and indicates the student has insurance comparable to the policy available through Georgia Southern, the insurance premium will be removed from the student’s fees. Insurance is also available for dependents. Additional information on the international health insurance plan can be obtained from the Office of International Programs & Services.

Post-Baccalaureate Admission

Applicants for admission with a bachelor’s degree from an accredited institution but who are not seeking graduate-level credit are expected to meet general admission requirements established for enrollment in undergraduate programs.

In addition to the application for admission and application fee, applicants are required to submit an official transcript from the institution in which they received their undergraduate degree. If the applicant is seeking an additional degree, official transcripts from all previous institutions will be required.

Individuals enrolled as post-baccalaureate students are eligible to take undergraduate level courses only.

Proficiency Exams

Georgia Southern also offers the student an opportunity to obtain credit by local proficiency examination. The procedure is as follows:

1. Undergraduate student eligibility must be determined by the Office of the Registrar.
2. After obtaining the proper form from the Office of the Registrar, the student petitions the department head of the subject area for an examination covering a particular course listed in the catalog.
3. The student and the examiner will decide the date and time of the examination.
4. If the petition is approved, the student must pay a test fee of $15 per test to the Cashier’s Office in Deal Hall. A receipt will be issued which will allow the student to take the test. The receipt must be attached to the Proficiency Exam Form.
5. Credit obtained by the proficiency examination will be considered as transfer credit.
6. The proficiency exam score must be at least a “C” to award credit by exam. The Office of the Registrar will enter a grade of “KT” on the student’s academic record showing credit hours were earned by proficiency examination, upon receiving the documents from the department. This credit will be listed as transfer credit.

Readmission Policy

The following students must fill out an undergraduate former student application (FSA):

1. Students who do not attend the University for one calendar year.
2. Students whose most recent academic standing was suspension.
3. Students who have earned a baccalaureate degree from Georgia Southern who wish to enroll in additional undergraduate courses.
4. Students who wish to return as a transient student to Georgia Southern.

Students can follow this link, https://www.sta.georgiasouthern.edu/Axiom/Login.aspx?SourceID=25, to complete the undergraduate former student application (FSA).

Note: Students who are not required to file an application for readmission who have attended another institution while away from Georgia Southern should contact that school and have an official transcript sent to Georgia Southern Office of the Registrar.

The transcript must indicate that the student is in good academic standing at the last school attended. Failure to submit this transcript by the midpoint
Required High School Curriculum

The following required high school curriculum (RHSC) is required of students who plan to enroll in regular college programs leading to the baccalaureate degree in institutions of the University System of Georgia:

- **Mathematics**: Four units of mathematics to include:
  - One unit of Coordinate Algebra or Algebra I or the equivalent;
  - One unit of Analytic Geometry or Geometry or the equivalent;
  - One unit of Advanced Algebra or Algebra II or the equivalent; and,
  - One additional approved fourth mathematics unit.
- **English**: Four units of English which have as their emphasis grammar and usage, literature (American, English, World), and advanced composition skills.
- **Science**: Four units of science with at least one laboratory course from the life sciences and one laboratory course from the physical sciences. The four units shall include the following for Georgia Public high school graduates:
  - One unit of Biology I or the equivalent;
  - One unit of Physical Science or Physics or the equivalent;
  - One unit of Chemistry, Earth Systems, Environmental Science, or an Advanced Placement or International Baccalaureate science course or the equivalent; and,
  - One additional approved science unit.
- **Social Science**: Three units of social science, with at least one unit focusing on United States studies and one unit focusing on world studies.
- **Foreign Language**: Two units of the same foreign language emphasizing speaking, listening and writing, or 2 units of American Sign Language, or 2 units of computer science emphasizing coding and programming.

The Board of Regents provides a listing of specific qualifying college preparatory and academic courses in the Student Affairs Handbook, Section 3.1.1.1. It is available online in the USG Academic Affairs Handbook. The Office of Student Affairs for the University System of Georgia maintains a complete list of courses that can be used to satisfy the RHSC requirements in the Staying on Course document that can also be found online in the USG Academic Affairs Handbook [https://www.usg.edu/assets/student_affairs/documents/Staying_on_Course.pdf](https://www.usg.edu/assets/student_affairs/documents/Staying_on_Course.pdf).

Students who have completed the Required High School Curriculum and who meet all other admission requirements will be considered for admission to Georgia Southern University as regularly admitted students.

Special Admission for Adult and Non-Traditional Students

Adult and non-traditional students are those who have been out of high school for at least five years or whose high school class graduated at least five years ago.

Applicants applying for admission as an adult or non-traditional student must meet the following requirements:

**Adult & Non-Traditional Freshmen**

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

**Special Admission for Students Age 62 and Older**

Georgia citizens who are 62 years of age or older have the option, as granted by Amendment 23 of the Georgia Constitution, of enrolling in the University without the payment of tuition and fees subject to the following conditions:

- Must be a legal resident of Georgia;
- Must be 62 years of age or older and present proof of age before registration;
- Must enroll as a regular student to audit or take courses offered for resident credit;
- Must pay for books, supplies, laboratory and/or miscellaneous fees.

An eligible student may petition for the Senior Citizen Fee Waiver by visiting the website below (click on Senior Citizen Waiver), printing the form, and providing the completed petition and documentation.

[http://em.georgiasouthern.edu/registrar/students/tuitionclassificationfeewaivers/](http://em.georgiasouthern.edu/registrar/students/tuitionclassificationfeewaivers/)

Individuals who do not qualify as mature/non-traditional students (see section on “Special Admission for Adult & Non-Traditional Students”) must also satisfy the following:

- Must meet all Georgia Southern and University System of Georgia admission requirements including high school graduation, SAT or ACT scores, and participation in Learning Support if required;
- If the applicant has previously attended another college or university, he or she must satisfy transfer admission requirements;
- If a course of study is pursued to degree, all institutional, system, and state-legislated degree requirements must be met (see Graduation Requirements (p. 253) in the Academic Resources Section).

Transfer Admission

Transfer admission policies are subject to change. Interested applicants should contact the Office of Admissions. Additional information can be found at GeorgiaSouthern.edu/transfer [http://admissions.georgiasouthern.edu/requirements/transfer].
Regular Transfer Admission

To be considered for regular transfer admission, students should:

1. Have earned a minimum 30 transferable semester hours (45 quarter hours) from regionally accredited post-secondary institution(s)
2. Hold a cumulative college GPA 2.0+ (On all transferable work attempted)
3. Be eligible to return to their current school

Conditional Transfer Admissions

To be considered for conditional transfer admission, students should:

1. Have earned at least 15 transferable semester hours (22.5 quarter hours) from regionally accredited post-secondary institution(s)
2. Hold a cumulative college GPA 2.0+ (On all transferable work attempted)
3. Prove with a course schedule that they are on track to have at least 30 transferable semester hours (45 quarter hours) completed from regionally accredited post-secondary institution(s) by the time they enter Georgia Southern.
4. Be eligible to return to their current school

Freshmen Transfer Admissions

To be eligible for freshman transfer admission, students should:

1. Have earned fewer than 30 transferable semester hours (45 quarter hours) from regionally accredited post-secondary institution(s)
2. Meet regular freshmen admission criteria (SAT/ACT*, High School GPA and Required High School Curriculum)
3. Hold a cumulative college GPA 2.0+ (On all transferable work attempted)
4. Be eligible to return to their current school

*SAT/ACT scores taken after a student has been enrolled in college level credit in a college/university (after high school graduation) cannot be used for admission consideration. Old SAT scores will be converted to Redesigned SAT scores for consideration. SAT scores are only valid for five years after the test date.

Students are required to send official transcripts from all post-secondary institutions where they have attempted work. All transcripts must be received before an admissions file will be reviewed.

Transfer and spring/fall transient students who have taken remedial, learning support, and/or required high school curriculum make-up courses in college must:

1. Exit those courses successfully
2. Earn credit for Area A equivalent courses that correspond to the mandated remedial/learning support courses with a “C” or higher
3. Accumulate 30 semester hours or 45 quarter hours beyond those courses

Remedial, learning support, and required high school curriculum make-up courses do not count towards transfer hours or the transfer GPA.

Transfer Credit/Military Credit

Accepted applicants who have attended any college or university may be granted advanced standing according to the following policies:

1. Transfer credit may be accepted from degree-granting institutions that are fully accredited at the collegiate level by their appropriate regional accrediting agency. The regional accrediting agencies are: Middle States Association of Colleges and Schools, North Central Association of Colleges and Schools, Northwest Association of Colleges and Schools, Southern Association of Colleges and Schools, and Western Association of Colleges and Schools. Provisions may be considered when an institution appeals the policy. However, should the quality of the educational program of the institution attended appear to be mediocre or unsatisfactory, the Director of Admissions has the prerogative not to accept all or any part of previously earned credits.
2. The amount of academic credit accepted in transfer may not exceed the normal amount of credit that could have been earned at Georgia Southern University during that time.
3. All degree requirements for a transferable academic associate’s degree must be completed at a transferable regionally-accredited institution. Georgia Southern will not accept credit in transfer from any non-accredited college.
4. Credit will be allowed for completed college courses which are parallel in nature. Below college level (remedial or learning support) courses cannot be accepted in transfer.
5. The Academic Unit responsible for the course will make judgments concerning satisfying requirements for areas A1-E of the Core Curriculum.
6. Transfer students who have a transferable academic associate’s degree are granted core curriculum credit as follows:
   a. A University System of Georgia transfer will get credit for completion of core areas A1-F, provided they have not changed their intended major from the transferring school. A student who changes majors will have to complete Area F at Georgia Southern University (Academic Affairs Handbook, University System of Georgia, 2.04.04).
   b. Students who do not hold an associates degree from a USG institution will be granted transfer credit for core courses on a course-by-course basis.
7. Credits accepted in transfer by Georgia Southern University may not necessarily apply as credit hours toward graduation. Final determination will be made by the appropriate Department and College.
8. Transfers who have earned 30 or more credit hours are exempt from First-Year Seminar (FYE 1220). Transfer students with fewer than 30 credit hours may seek a waiver of the First-Year Seminar (FYE 1220) requirement through their academic advisors if they meet either of the following criteria:
   a. they were full-time college students for two semesters at a previous institution; or
   b. they earned credit hours for a two or three hour FYE course at a previous institution that has similar learning outcomes to First-Year Seminar (FYE 1220).

Credit Awarded by Military Service

SACSCOC Principle 9.4 states, “At least 25 percent of the credit hours required for an undergraduate degree are earned through instruction offered by the institution awarding the degree.” Beyond this requirement, there is no limit on the amount of semester credit hours that can be awarded for military service/experience. Joint Service Transcript (JST), DD-214, or transcripts from the Army/American Council on Education Registry Transcript System (AARTS), Community College of the Air Force (CCAF), Coast Guard Institute (CGI), and other appropriate transcripts will be reviewed for possible credit based on recommendations by the American Council on Education (ACE) and course approvals by the Deans at Georgia Southern University.
Transient Admission

Subject to the availability of faculty, space, and facilities, a regular undergraduate student in good standing at another accredited institution may be permitted to enroll one semester at Georgia Southern University in order to complete work to be transferred back to the parent institution. The transient applicant should:

1. Submit the undergraduate application and application fee.
2. Present a statement from the Dean or Registrar of the home institution to the effect that he or she is in good academic standing and eligible to return to that institution. The letter must indicate that the student has permission to enroll at Georgia Southern University for the term in which the student is applying.
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• Adult Education M.Ed. (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/adult-education-med)
• Adult/Gerontology Acute Care Nurse Practitioner Post-MSN Certificate (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/nursing/adult-gerontology-acute-care-nurse-practitioner-post-msn-certificate)
• Adult/Gerontology Primary Care Nurse Practitioner Post-MSN Certificate (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/nursing/adult-gerontology-primary-care-nurse-practitioner-post-msn-certificate)
• Applied Economics Certificate (Online) (http://catalog.georgiasouthern.edu/graduate/business/graduate-programs/applied-economics-certificate-online)
• Applied Economics M.S. (http://catalog.georgiasouthern.edu/graduate/business/graduate-programs/applied-economics-ms)
• Applied Engineering M.S.A.E. (Concentration in Civil Engineering and Construction) (Non-Thesis) (http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/civil-engineering-construction-management/applied-engineering-msae-civil-engineering-construction-concentration-nt)
• Applied Engineering M.S.A.E. (Concentration in Civil Engineering and Construction) (Thesis) (http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/civil-engineering-construction-management/applied-engineering-msae-civil-engineering-construction-concentration-nt)
• Applied Engineering M.S.A.E. (Concentration in Information Technology) (Non-Thesis) (http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/information-technology/applied-engineering-msae-information-technology-concentration-nt)
• Applied Engineering M.S.A.E. (Concentration in Information Technology) (Thesis) (http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/information-technology/applied-engineering-msae-information-technology-concentration-nt)
• Applied Engineering M.S.A.E. (Concentration in Mechanical Engineering) (Non-Thesis) (http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/applied-engineering-msae-mechanical-engineering-concentration-nt)
• Applied Engineering M.S.A.E. (Concentration in Mechanical Engineering) (Thesis) (http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/applied-engineering-msae-mechanical-engineering-concentration-nt)
• Applied Geography M.S. (Non-Thesis) (http://catalog.georgiasouthern.edu/graduate/science-mathematics/geology-geography/applied-geography-ms)
• Applied Geography M.S. (Thesis) (http://catalog.georgiasouthern.edu/graduate/science-mathematics/geology-geography/applied-geography-ms)
• Applied Physical Science M.S.A.P.S (Professional Science Master) (http://catalog.georgiasouthern.edu/graduate/science-mathematics/chemistry-biochemistry/applied-physical-science-ms)
• Applied Physical Science M.S.A.P.S. (Non-Thesis) (http://catalog.georgiasouthern.edu/graduate/science-mathematics/chemistry-biochemistry/applied-physical-science-ms)
• Applied Physical Science M.S.A.P.S. (Thesis) (http://catalog.georgiasouthern.edu/graduate/science-mathematics/chemistry-biochemistry/applied-physical-science-ms)
• Applied Research and Evaluation Certificate Program (Online) (http://catalog.georgiasouthern.edu/graduate/education/curriculum-foundations-reading/applied-research-evaluation-certificate-program-online)
• Applied Statistics Certificate (http://catalog.georgiasouthern.edu/graduate/science-mathematics/mathematical-sciences/applied-statistics-certificate)
• Art Education Post-Baccalaureate Certification (http://catalog.georgiasouthern.edu/graduate/arts-humanities/betty-foy-sanders-art/art-education-certificate)
• Art M.F.A. (Concentration in Graphic Design) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/betty-foy-sanders-art/art-mfa-concentration-graphic-design)
• Art M.F.A. (Concentration in Studio Art) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/betty-foy-sanders-art/art-mfa-concentration-studio)
• Autism Endorsement (Online) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/autism-endorsement)
• Communication Sciences and Disorders M.S. (http://catalog.georgiasouthern.edu/graduate/waters-health-proessions/rehabilitation-sciences/communication-sciences-disorders-ms)
• Computer Science M.S. (Hybrid) (Non-Thesis) (http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/computer-science/computer-science-ms-nt)
• Computer Science M.S. (Hybrid) (Thesis) (http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/computer-science/computer-science-ms-hybrid)
• Counselor Education M.Ed. (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/counselor-education-med)
• Criminal Justice and Criminology M.S. (Emphasis in Criminal Justice) (http://catalog.georgiasouthern.edu/graduate/behavioral-social-sciences/criminal-justice-criminology/cjc-ms-emphasis-criminal-justice)
• Criminal Justice and Criminology M.S. (Emphasis in Crime Prevention) (http://catalog.georgiasouthern.edu/graduate/behavioral-social-sciences/criminal-justice-criminology/cjc-ms-emphasis-criminal-crime-prevention)
• Criminal Justice and Criminology M.S. (Emphasis in Criminal Justice) (http://catalog.georgiasouthern.edu/graduate/behavioral-social-sciences/criminal-justice-criminology/cjc-ms-emphasis-criminal-justice)
• Curriculum and Instruction - Accomplished Teaching M.Ed. (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/curriculum-instruction-accomplished-teaching-med)
• Curriculum and Pedagogy for Social Justice Certificate (Online) (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/curriculum-instruction-social-justice-certificate)
• Dietetic Internship Certificate Program (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/dietetic-internship-certificate)
• Doctor of Public Health (http://catalog.georgiasouthern.edu/graduate/jiann-ping-hsu-public-health/doctor-public-health)
• Doctor of Public Health (http://catalog.georgiasouthern.edu/graduate/jiann-ping-hsu-public-health/doctor-public-health)
• Educational Leadership Ed.D. (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/educational-leadership-edd)
• Educational Leadership Ed.S. (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/educational-leadership-eds)
• Educational Leadership M.Ed. (Online) (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/educational-leadership-med)
• Educational Leadership Tier I Certificate Program (Online) (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/educational-leadership-tier-1-certification-only)
• Educational Leadership Tier II Certificate Program (Online) (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/educational-leadership-tier-2-certificate-program-online)
• Electrical Engineering M.S.E.E. (Thesis) (http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/electrical-computer-engineering/electrical-engineering/msee-thesis)
• Elementary Education (Grades P-5) Ed.S. (Online) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/elementary-education-grades-p-5-ed–s-online)
• Elementary Education (Grades P-5) M.Ed. (Online) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/elementary-education-grades-p-5-med–online)
• Engineering and Manufacturing Management Certificate (http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/engineering-manufacturing-management-certificate)
• English for Speakers of Other Languages (ESOL) Education Endorsement (Online) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/english-speakers-other-languages-esol-education-endorsement)
• English M.A. (Thesis) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/literature/english-ma)
• Enterprise Resources Planning (ERP) Certificate Program (Online) (http://catalog.georgiasouthern.edu/graduate/business/graduate-programs/enterprise-resources-planning-certificate-online)
• Evaluation, Assessment, Research, and Learning M.Ed. (Online) (http://catalog.georgiasouthern.edu/graduate/education/curriculum-foundations-reading/evaluation-assessment-research-learning-med–online)

Family Nurse Practitioner Post-MSN Certificate (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/nursing/family-nurse-practitioner-post-msn-certificate)
• Forensic Accounting Certificate (http://catalog.georgiasouthern.edu/graduate/business/graduate-programs/graduate-certificate-forensic-accounting)

Gerontology Graduate Certificate (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/gerontology-certificate)
• Gifted In-field Graduate Endorsement (Online) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/gifted-inf–field-graduate-endorsement)
• Graduate Certificate in Taxation (http://catalog.georgiasouthern.edu/graduate/business/graduate-programs/graduate-certificate-taxation)

Higher Education Administration M.Ed. (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/higher-education-administration-med)
• History M.A. (Concentration in Public History) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/history/history-­ma-public-history)
• History M.A. (Non-Thesis) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/history/history-ma­nt)
• History M.A. (Thesis) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/history/history-ma-thesis)

• Instructional Technology Certificate Program (Online) (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/instructional-technology-certification-non-degree-online)
• Instructional Technology Ed.S. (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/instructional-technology-eds)
• Instructional Technology M.Ed. (Georgia ONmyLINE) (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/instructional-technology-med–­georgia-onmyline)

Kinesiology M.S. (Concentration in Athletic Training) (Thesis) (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/kinesiology-ms-concentration-athletic-training­thesis)
• Kinesiology M.S. (Concentration in Coaching) (Online) (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/kinesiology-ms-concentration-coaching-online)
• Kinesiology M.S. (Concentration in Physical Education) (Online) (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/kinesiology-ms-concentration-physical-education-online)
• Kinesiology M.S. (Concentration in Sport and Exercise Psychology) (Non-Thesis) (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/kinesiology-ms-concentration-sport-exercise-psychology-non-thesis)
• Kinesiology M.S. (Concentration in Sport and Exercise Psychology) (Thesis) (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/kinesiology-ms-concentration-sport-exercise-psychology-thesis)

Master of Health Administration M.H.A. (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/master-health-administration-mha)
• Mathematical Sciences M.S. (Concentration in Applied Mathematics) (http://catalog.georgiasouthern.edu/graduate/science-mathematics/mathematical-sciences/ms­-ms-applied-mathematics-concentration)
• Mathematical Sciences M.S. (Concentration in Computational Science) (http://catalog.georgiasouthern.edu/graduate/science-mathematics/mathematical-sciences/ms­-ms-computational-science-concentration)
• Mathematical Sciences M.S. (Concentration in Pure Mathematics) (http://catalog.georgiasouthern.edu/graduate/science-mathematics/mathematical-sciences/ms­-ms-pure-mathematics-concentration)
- Mathematical Sciences M.S. (Concentration in Statistics) (http://catalog.georgiasouthern.edu/graduate/science-mathematics/mathematical-sciences/ms-ms-statistics-concentration)
- Middle Grades Education (Grades 4-8) Ed.S. (Online) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/middle-grades-education-grades-4-8-eds-online)
- Middle Grades Education (Grades 4-8) M.Ed. (Online) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/middle-grades-education-grades-4-8-med-online)
- Music M.M. (Concentration in Composition) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/music/music-mm-concentration-composition)
- Music M.M. (Concentration in Conducting) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/music/music-mm-concentration-conducting)
- Music M.M. (Concentration in Music Education) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/music/music-mm-concentration-music-education)
- Music M.M. (Concentration in Music Technology) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/music/music-mm-concentration-music-technology)
- Music M.M. (Concentration in Performance) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/music/music-mm-concentration-performance)

N
- Nursing M.S.N. (Online) (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/nursing/nursing-msn-online)

O
- Online Teaching and Learning Endorsement (Online) (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/online-teaching-learning-endorsement-online)

P
- Physical Therapy D.P.T. (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/rehabilitation-sciences/physical-therapy-dpt)
- Positive Behavior Intervention and Supports Endorsement (Online) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/positive-behavior-intervention-supports-endorsement)
- Professional Communication and Leadership M.A. (http://catalog.georgiasouthern.edu/graduate/arts-humanities/communication-arts/professional-communication-leadership-ma)
- Professional Communication and Leadership Post-Baccalaureate Certificate (http://catalog.georgiasouthern.edu/graduate/arts-humanities/communication-arts/professional-communication-leadership-certificate)
- Psychiatric Mental Health Nurse Practitioner Post-MSN Certificate (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/nursing/psychiatric-mental-health-nurse-practitioner-post-msn-certificate)
- Psychology M.S. (http://catalog.georgiasouthern.edu/graduate/behavioral-social-sciences/psychology/psychology-ms)
- Public Administration M.P.A. (http://catalog.georgiasouthern.edu/graduate/behavioral-social-sciences/public-nonprofit-studies/public-administration-mpa)
- Public Health Dr.P.H. (Concentration in Biostatistics) (http://catalog.georgiasouthern.edu/graduate/jiann-ping-hsu/public-health/biostatistics-epidemiology-and-environmental-health-sciences/biostatistics-dph)
- Public Health Dr.P.H. (Concentration in Community Health Behavior and Education) (http://catalog.georgiasouthern.edu/graduate/jiann-ping-hsu/public-health/health-policy-management-and-behavior/community-health-behavior-education-dph)
- Public Health Dr.P.H. (Concentration in Epidemiology) (http://catalog.georgiasouthern.edu/graduate/jiann-ping-hsu/public-health/biostatistics-epidemiology-and-environmental-health-sciences/epidemiology-dph)
- Public Health Dr.P.H. (Concentration in Health Policy and Management) (http://catalog.georgiasouthern.edu/graduate/jiann-ping-hsu/public-health/health-policy-management-and-behavior/health-policy-management-dph)

R
- Radiologic Sciences Post-Baccalaureate Certificate (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/diagnostic-therapeutic-sciences/radiologic-sciences-certificate)
- Reading Education (K-12) Ed.S. (Online) (http://catalog.georgiasouthern.edu/graduate/education/curriculum-foundations-reading/reading-education-k-12-eds-online)
- Reading Education M.Ed. (Online) (http://catalog.georgiasouthern.edu/graduate/education/curriculum-foundations-reading/reading-education-med-online)
• Reading Endorsement: Classroom Teacher of Reading Program (Online) (http://catalog.georgiasouthern.edu/graduate/education/curriculum-foundations-reading/reading-endorsement-classroom-teacher-reading-program-online)

S

• School Library Media Certificate Program (Online) (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/school-library-media-certification-non-degree-online)
• School Psychology Ed.S. (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/school-psychology-eds)
• Secondary Education (Grades 6-12) Ed.S. (Online) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/secondary-education-grades-6-12-eds-online)
• Secondary Education (Grades 6-12) M.Ed. (Online) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/secondary-education-grades-6-12-med-online)
• Social Science M.A. (http://catalog.georgiasouthern.edu/graduate/behavioral-social-sciences/sociology-anthropology/social-science-ma)
• Spanish M.A. (http://catalog.georgiasouthern.edu/graduate/arts-humanities/foreign-languages/spanish-ma)
• Special Education (Grades P-12) Ed.S. (Online) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/special-education-grades-p-12-eds-online)
• Special Education (Grades P-12) M.Ed. (Online) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/special-education-grades-p-12-med-online)
• Special Education Transition Specialist Endorsement (Online) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/special-education-transition-specialist-endorsement)
• Sport Management M.S. (Online) (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/sport-management-ms)
• Sports Medicine M.S.S.M. (Emphasis in Human Movement Science) (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/sports-medicine-mssm-emphasis-human-movement-science)
• Sports Medicine M.S.S.M. (Emphasis in Strength Conditioning) (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/sports-medicine-mssm-emphasis-strength-conditioning)
• Strength and Conditioning Graduate Certificate (http://catalog.georgiasouthern.edu/graduate/waters-health-professions/health-sciences-kinesiology/strength-conditioning-certificate)

T

• Teacher Leadership Endorsement (Online) (http://catalog.georgiasouthern.edu/graduate/education/leadership-technology-human-development/teacher-leadership-endorsement)
• Teacher Support and Coaching Endorsement (Online) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/teacher-support-coaching-endorsement)
• Teaching Culturally and Linguistically Diverse Students Certificate (Online) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/teaching-culturally-linguistically-diverse-students-certificate-online)
• Teaching Culturally and Linguistically Diverse Students M.Ed. (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/teaching-culturally-linguistically-diverse-students-med)
• Teaching English to Speakers of Other Languages (TESOL)/Applied Linguistics Certificate (Online) (http://catalog.georgiasouthern.edu/graduate/arts-humanities/writing-linguistics/tesol-applied-linguistics-certificate-online)
• Teaching M.A.T. (Concentration in Elementary Education P-5) (Hybrid) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/teaching-mat-elementary-education-concentration-hybrid)
• Teaching M.A.T. (Concentration in Elementary Education P-5) (Online) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/teaching-mat-elementary-education-concentration-online)
• Teaching M.A.T. (Concentration in Health and Physical Education P-12) (Online) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/teaching-mat-health-and-physical-education-concentration)
• Teaching M.A.T. (Concentration in Middle Grades Education Grades 4-8) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/teaching-mat-middle-grades-education-concentration)
• Teaching M.A.T. (Concentration in Secondary Education Grades 6-12) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/teaching-mat-secondary-education-concentration)
• Teaching M.A.T. (Concentration in Spanish Education P-12) (http://catalog.georgiasouthern.edu/graduate/education/middle-grades-secondary-education/teaching-mat-spanish-education-concentration)
• Teaching M.A.T. (Concentration in Special Education P-12) (Hybrid) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/teaching-mat-special-education-concentration-hybrid)
• Teaching M.A.T. (Concentration in Special Education P-12) (Online) (http://catalog.georgiasouthern.edu/graduate/education/elementary-special-education/teaching-mat-special-education-concentration-online)
Course Descriptions

A
• AAST Africana Studies (p. 286)
• ACCT Accounting (p. 287)
• ADED Adult Education (http://catalog.georgiasouthern.edu/academics/course-descriptions/aded)
• AFAS African American Studies (p. 288)
• ANTH Anthropology (p. 288)
• APAN Applied Anthropology (http://catalog.georgiasouthern.edu/academics/course-descriptions/apan)
• ARAB Arabic (p. 291)
• ARCH Archaeology (p. 292)
• ART Art (p. 292)
• ARTG Art Graphic Design (p. 295)
• ARTH Art History (p. 295)
• ARTS Art (p. 297)
• ASTR Astronomy (p. 299)

B
• BCHM Biochemistry (p. 300)
• BIOL Biology (p. 301)
• BIOS Biostatics (http://catalog.georgiasouthern.edu/academics/course-descriptions/bios)
• BKN Birth to Kindergarten (p. 308)
• BUSA Business Administration (p. 310)

C
• CENG Civil Engineering (p. 311)
• CHBE Comm Hlth Behavior & Ed (http://catalog.georgiasouthern.edu/academics/course-descriptions/chbe)
• CHEM Chemistry (p. 314)
• CHFD Child and Family Devel (p. 318)
• CHIN Chinese (p. 320)
• CIED Valdosta State-Franchise (http://catalog.georgiasouthern.edu/academics/course-descriptions/cied)
• CISM Computer Infor Systems (p. 320)
• COED PBB Practicum (p. 322)
• COHE Community Health (http://catalog.georgiasouthern.edu/academics/course-descriptions/cohe)
• COML Comparative Literature (p. 322)
• COMM Communication Arts (p. 323)
• COMS Communication Studies (p. 324)
• COOP Cooperative Education Pro (p. 326)
• COUN Counseling Education (http://catalog.georgiasouthern.edu/academics/course-descriptions/coun)
• CRJU Criminal Justice (p. 326)
• CSCI Computer Science (p. 330)
• CSDS Communication Disorders (p. 334)
• CVIS Cardiovascular/Interven (p. 335)

D
• DDTS Diagnostic & Therapeutic (p. 336)

E
• ECEG Early Childhood (http://catalog.georgiasouthern.edu/academics/course-descriptions/eceg)
• ECON Economics (p. 336)
• EDAT Accomplished Teaching (http://catalog.georgiasouthern.edu/academics/course-descriptions/edat)
• EDCA Education GAST State Franchi (http://catalog.georgiasouthern.edu/academics/course-descriptions/edca)
• EDET Education-GOML (http://catalog.georgiasouthern.edu/academics/course-descriptions/edet)
• EDLD Educational Leadership (http://catalog.georgiasouthern.edu/academics/course-descriptions/edld)
• EDMS Ed Acplish Teach CSU-GML (http://catalog.georgiasouthern.edu/academics/course-descriptions/edms)
• EDMT Educ Math-GOML (http://catalog.georgiasouthern.edu/academics/course-descriptions/edmt)
• EDRD Georgia State Univ Franch (http://catalog.georgiasouthern.edu/academics/course-descriptions/edrd)
• EDSC Sci for Teachers (p. 339)
• EDUC Curriculum (p. 339)
• EDUF Educational Foundations (p. 340)
• EDUR Educational Research (p. 340)
• EELE Early Elementary Edu (http://catalog.georgiasouthern.edu/academics/course-descriptions/eele)
• EENG Electrical Engineering (p. 340)
• EEEX Exceptional Education (http://catalog.georgiasouthern.edu/academics/course-descriptions/eeex)
• EGC East Georgia College (p. 343)
• ELEM Elementary Education (p. 343)
• EMBA Executive MBA (http://catalog.georgiasouthern.edu/academics/course-descriptions/emba)
• ENGL English (p. 344)
• ENGR Engineering (p. 348)
• ENVH Environmental Hlth Scienc (http://catalog.georgiasouthern.edu/academics/course-descriptions/envh)
• ENVS Environmental Science (p. 349)
• EPID Epidemiology (http://catalog.georgiasouthern.edu/academics/course-descriptions/epid)
• EPRS Georgia State Univ Franch (http://catalog.georgiasouthern.edu/academics/course-descriptions/eprs)
• EPSF Education Foundations-GML (http://catalog.georgiasouthern.edu/academics/course-descriptions/epsf)
• EPY ED Psy GOML (http://catalog.georgiasouthern.edu/academics/course-descriptions/epy)
• ESED Element - Secondary Educa (p. 349)
• ESL English as a Second Lang (p. 350)
• ESPR School Psychology (http://catalog.georgiasouthern.edu/academics/course-descriptions/espr)
• ETHC Ethics (p. 351)
• EURO European Union (p. 351)

F
• FACS Family and Consumer Sci (p. 352)
• FILM Film (p. 352)
• FINC Finance (p. 352)
• FMAD Fash Merchant/Apparel Des (p. 354)
• FORL Foreign Language (p. 355)
• FOON Education Foundations (http://catalog.georgiasouthern.edu/academics/course-descriptions/foon)
• FRCT Curriculum Theory (http://catalog.georgiasouthern.edu/academics/course-descriptions/frct)
• FREC Early Childhood (http://catalog.georgiasouthern.edu/academics/course-descriptions/frec)
• FREN French (p. 355)
• FRER Educational Research (http://catalog.georgiasouthern.edu/academics/course-descriptions/frer)
• FRIT Instructional Technology (http://catalog.georgiasouthern.edu/academics/course-descriptions/frit)
• FRLT Educational Foundations (http://catalog.georgiasouthern.edu/academics/course-descriptions/frlts)
• FRMS Middle & Secondary Ed (http://catalog.georgiasouthern.edu/academics/course-descriptions/frms)
• FYE First-Year Experience (p. 357)

G
• GCM Graphic Comm Management (p. 358)
• GEOG Geography (p. 360)
• GEOL Geology (p. 362)
• GEPH General Public Health (http://catalog.georgiasouthern.edu/academics/course-descriptions/geph)
• GERG Gerontology (p. 364)
• GNST Gender Studies (http://catalog.georgiasouthern.edu/academics/course-descriptions/gnst)
• GRMN German (p. 364)
• GSOU CIR Placeholder Course (p. 365)
• GSU GSU (p. 365)
• GWST Gender and Women's Stud (p. 366)

H
• HADM Health Administration (http://catalog.georgiasouthern.edu/academics/course-descriptions/hadm)
• HIST History (p. 366)
• HITC Health Informatics (p. 373)
• HLPR Health Professions (p. 373)
• HLTH Health (p. 374)
• HNRM Hotel and Restaurant Mgt (p. 374)
• HONS University Honors (p. 375)
• HSCA Health Sciences Adm (p. 375)
• HSCC Health Sciences, Core (p. 376)
• HSCF Health Sci Fitness Mgmt (p. 376)
• HSCG Health Sci Generalist (p. 377)
• HSCP Health Sci Public Health (p. 377)
• HSPM Hlth Service Policy Mgmt (http://catalog.georgiasouthern.edu/academics/course-descriptions/hspm)
• HUMN Humanities (p. 377)

I
• IDS Interdisciplinary Studies (p. 378)
• INDS Interior Design (p. 378)
• INTS International Studies (p. 379)
• IPSE Inclusive Post-Sec Ed (p. 382)
• IRSH Irish Studies (p. 383)
• ISCI Science-Teach/Learn (p. 383)
• IT Information Technology (p. 383)
• ITEC Instructional Tech Ed (p. 386)
• ITW Information Technology Web (p. 387)

J
• JAPN Japanese (p. 388)

K
• KINS Kinesiology (p. 389)

L
• LAST Latin American Studies (p. 396)
• LATN Latin (p. 396)
• LEAD Leadership (p. 397)
• LESP Learning Support (p. 397)
• LING Linguistics (p. 397)
• LOGT Log/Intermodal Transpor. (p. 399)
• LSCM Logistics Supply Chain Mg (http://catalog.georgiasouthern.edu/academics/course-descriptions/lscm)
• LSTD Legal Studies (p. 400)
• LWSO Law and Society (p. 400)

M
• MAED Math Education (http://catalog.georgiasouthern.edu/academics/course-descriptions/maed)
• MATH Mathematics (p. 400)
• MEDT Medical Tech (p. 405)
• METR Meterology (p. 410)
• MFGE Manufacturing Engineering (p. 410)
• MGED Middle Grades Education (p. 412)
• MGMS Valdosta State Franchise (p. 413)
• MGMT Management (p. 413)
• MGSE Middle Grades/Secondary (p. 415)
• MHLA Health Services Admin (p. 415)
• MKTG Marketing (p. 415)
• MMFP Multimedia Film & Prod (p. 416)
• MMJ Multimedia Journalism (p. 418)
• MSCI Military Science (p. 419)
• MSED Middle Grades & Second Ed (p. 420)
• MUSA Applied Music (p. 420)
• MUSC Music (p. 421)
• MUSE Music Ensemble (p. 426)

N
• NSCI Naval Science (p. 426)
• NTFS Nutrition and Food Sc (p. 427)
• NUCM Nuclear Medicine Course (p. 429)
• NURS Nursing (p. 430)

O
• OCEA Oceanography (p. 436)
• ONTL OnlineTeaching & Learning (http://catalog.georgiasouthern.edu/academics/course-descriptions/ontl)
• OSCM Operations and Supply Chain Management (p. 436)
The Course Numbering System

In general, the first digit of the course corresponds to the level of the class.

- 1: Freshman
- 2: Sophomore
- 3: Junior
- 4: Senior
- 5: dual Undergraduate/Graduate

The second digit in the course number indicates the course type.

- 1-5: Traditional course format/Example: Lecture and Lab
- 6-7: Internships and Practica
- 8: Independent Study
The fourth digit indicates the sequence of the course.

### College Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>CAH</td>
<td>College of Arts and Humanities</td>
</tr>
<tr>
<td>CBSS</td>
<td>College of Behavioral and Social Sciences</td>
</tr>
<tr>
<td>COB</td>
<td>College of Business</td>
</tr>
<tr>
<td>COE</td>
<td>College of Education</td>
</tr>
<tr>
<td>CEC</td>
<td>Allen E. Paulson College of Engineering and Computing</td>
</tr>
<tr>
<td>WCHP</td>
<td>Waters College of Health Professions</td>
</tr>
<tr>
<td>COPH</td>
<td>Jiann-Ping Hsu College of Public Health</td>
</tr>
<tr>
<td>COSM</td>
<td>College of Science and Mathematics</td>
</tr>
<tr>
<td>VPAA</td>
<td>Office of Vice President for Academic Affairs</td>
</tr>
<tr>
<td>Interdisciplinary</td>
<td>Courses offered by more than one department and/or college</td>
</tr>
</tbody>
</table>

### Course Prefixes

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Title</th>
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<tbody>
<tr>
<td>AAST</td>
<td>Africana Studies</td>
</tr>
<tr>
<td>ACCT</td>
<td>Accounting</td>
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<tr>
<td>ANTH</td>
<td>Anthropology</td>
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<tr>
<td>APAN</td>
<td>Applied Anthropology</td>
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<td>ARAB</td>
<td>Arabic</td>
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<td>ARCH</td>
<td>Archaeology</td>
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<td>ART</td>
<td>Art</td>
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<td>ARTG</td>
<td>Art Graphic Design</td>
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<td>ARTH</td>
<td>Art History</td>
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<td>ASTR</td>
<td>Astronomy</td>
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<tr>
<td>BIOL</td>
<td>Biology</td>
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<tr>
<td>BKin</td>
<td>Birth to Kindergarten</td>
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<td>BUSA</td>
<td>Business Administration</td>
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<td>CENG</td>
<td>Civil Engineering</td>
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<td>CHEM</td>
<td>Chemistry</td>
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<td>CHFD</td>
<td>Child and Family Development</td>
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<td>CHIN</td>
<td>Chinese</td>
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<td>CISM</td>
<td>Computer Information Systems</td>
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<td>CLAS</td>
<td>College of Liberal Arts and Social Sciences</td>
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<td>COED</td>
<td>College of Education</td>
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<tr>
<td>COML</td>
<td>Comparative Literature</td>
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<td>COMM</td>
<td>Communication Arts</td>
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<tr>
<td>COMS</td>
<td>Communication Studies</td>
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<tr>
<td>COOP</td>
<td>Cooperative Education</td>
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<tr>
<td>CORE</td>
<td>Core Curriculum</td>
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<td>CRJU</td>
<td>Criminal Justice</td>
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<td>CSCI</td>
<td>Computer Science</td>
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<td>ECED</td>
<td>Early Childhood Education</td>
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<td>ECON</td>
<td>Economics</td>
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<td>EDSC</td>
<td>Education Science</td>
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<td>ESL</td>
<td>English Second Language</td>
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<td>EURO</td>
<td>European Union</td>
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<td>FACS</td>
<td>Family and Consumer Science</td>
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<td>FILM</td>
<td>Film</td>
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<td>FINC</td>
<td>Finance</td>
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<tr>
<td>FMAD</td>
<td>Fashion Merchandising/Apparel Design</td>
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<tr>
<td>FORL</td>
<td>Foreign Language</td>
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<td>FREN</td>
<td>French</td>
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<tr>
<td>FSCI</td>
<td>Forensic Science</td>
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<td>FYE</td>
<td>First-Year Experience</td>
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<td>GCM</td>
<td>Graphic Communications Management</td>
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<td>Geography</td>
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<td>Geology</td>
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<td>German</td>
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<td>GSU</td>
<td>Georgia Southern University</td>
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<tr>
<td>HIST</td>
<td>History</td>
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<td>HLTH</td>
<td>Health</td>
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<tr>
<td>HNRM</td>
<td>Hotel and Restaurant Management</td>
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<tr>
<td>HSEM</td>
<td>Homeland Security and EM</td>
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<tr>
<td>HUMN</td>
<td>Humanities</td>
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<tr>
<td>IDS</td>
<td>Interdisciplinary Studies</td>
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<tr>
<td>IND</td>
<td>Interior Design</td>
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<td>International Studies</td>
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<td>Irish Studies</td>
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<td>ISCI</td>
<td>Science, Teaching and Learning</td>
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<td>Information Technology</td>
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<td>Manufacturing Engineering</td>
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<td>Music</td>
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<td>MUSE</td>
<td>Music Ensemble</td>
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</tbody>
</table>
AAST Africana Studies

AAST 2000  Introduction to African American Studies  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Interdisciplinary introduction to African American studies from a social science perspective.  
Prerequisite(s): ENGL 1101.

AAST 3030  Selected Topics in Africana Studies  
1-4 Credit Hours.  1-4 Lecture Hours.  0 Lab Hours.  
Designed to promote interdisciplinary engagement and, or, in individualized specialization so that the student can deepen his or her knowledge of Africa and the African Diaspora.

AAST 3230  Introduction to Africa and Its Diaspora  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A general examination of the history, cultures, and societies of peoples of African descent throughout the world, with emphasis on those who live in Africa, the United States, the Caribbean, and Latin America.

AAST 3235  Race and Ethnicity  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is a survey of the major concepts and theories in the study of racial and ethnic relations in the United States. The situations and experiences of various racial and ethnic groups are considered.  
Prerequisite(s): A minimum grade of "C" in SOCI 1101.  
Cross Listing(s): SOCI 3235.

AAST 3330  Yoruba Culture and Civilization  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Introduction to Yoruba culture in Nigeria and other west African societies as well as the Diaspora.

AAST 3332  African American Theatre  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Investigates the contributions of black playwrights, actors, and directors to American theatre.  
Cross Listing(s): THEA 3332.

AAST 3435  African Art History  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The study of African American art and design from the period of pre-colonial Africa to the contemporary United States. The course investigates the creativity and cultural identity of African Americans and their contributions to the visual culture in America.  
Prerequisite(s): A minimum grade of "C" in ARTH 2531 or ARTH 2532.

AAST 3436  African American Art History  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The study of African American art and design from the period of pre-colonial Africa to the contemporary United States. The course investigates the creativity and cultural identity of African Americans and their contributions to the visual culture in America.  
Prerequisite(s): A minimum grade of "C" in ARTH 2531 or ARTH 2532.

AAST 4133  Gullah and Geechee Language and Culture  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The course introduces students to the culture, language, folklore, traditional stories, and creative output of the Gullah and Geechee people in Georgia and South Carolina through readings, lectures, films, and hands-on experiences.  
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

AAST 4134  The Civil Rights Movement  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The course explores the origins, ideologies, strategies and legacy of the modern civil rights movement in the North and the South with special focus on the impact of race, class and gender on civil rights from 1946-1968.  
Cross Listing(s): HIST 4134.

AAST 4330  Geography of Africa South of the Sahara  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A survey of the physical, cultural, political and economic geography of Africa south of the Sahara Desert. Selected problems or situations of contemporary interest will be incorporated.  
Cross Listing(s): GEOG 4330.

AAST 4337  Rhetoric of Social Movements  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Introduces students to the rhetorical significance of selected movements, including labor reform, civil rights and environment protection, emphasizing the analysis of persuasive social movement discourse.  
Cross Listing(s): COMS 4337.

AAST 4530  Revelation and Revolution  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Explores issues of gender, spirituality, and power within the context of African history.  
Cross Listing(s): HIST 4530, WGST 4530.
AAST 4532  Destruction of Slavery  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Foci on the end of plantation slavery in the nineteenth century Atlantic World. The geographic concentration and topics covered will vary according to the focus of the instructor.  
Cross Listing(s): HIST 4532.

AAST 4630  Seminar in Africana Studies  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The Seminar in Africana Studies must be taken within the 15-hours block required for the minor in Africana Studies. It is a capstone course in which students apply knowledge gained in the classes they have taken in the Africana Studies program through discussion of selected texts, a major research paper, and an oral presentation required of all Africana Studies minors.  
Prerequisite(s): AAST 3230.

AAST 4890  Directed Individual Study in Yoruba  
1-15 Credit Hours.  1-15 Lecture Hours.  0 Lab Hours.  
Concentrated study of a topic in Yoruba literature, culture, society, thought or language. May be repeated for credit provided a new topic is studied.  
Prerequisite(s): YORU 3000.

AAST 5233  The American City  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An examination of American urban development from the colonial period to the present with particular attention paid to migration, architecture, technology, politics, transportation, and urban culture in the late nineteenth and twentieth centuries.  
Cross Listing(s): HIST 5233, AAST 5233G, HIST 5233G.

**ACCT Accounting**

ACCT 2030  Survey of Accounting  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A study of the theory and application of accounting concepts used to gather and report economic information to users within and outside of the organization. The course stresses the use of accounting information for decision making within the framework of a free economy. Open to non-BBA students. Credit for graduation can only be granted for either ACCT 2030 or ACCT 2101 and ACCT 2102. Credit for graduation can only be granted for either ACCT 2030 or ACCT 2101 and ACCT 2102.

ACCT 2101  Principles of Accounting I  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The theory and application of financial accounting concepts for reporting financial information to outside users. The course stresses the relationship between the rules by which financial statements are prepared and the use of financial statement information for decision making. Credit for graduation can only be granted for either ACCT 2030 or ACCT 2101 and ACCT 2102.  
Prerequisite(s): A minimum grade of "C" in all the following: BUSA 1105 and prior or current enrollment in ENGL 1102 and CISM 2530 and MATH 1441 or MATH 1232.

ACCT 2102  Principles of Accounting II  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The theory and application of managerial accounting concepts. The course stresses the use of accounting information for decision making and the role of managerial accounting in a business environment.  
Prerequisite(s): A minimum grade of "C" in all the following: ACCT 2101, CISM 2530, ENGL 1102, MATH 1232 or MATH 1441, ENGL 1101 or WRIT 1101.

ACCT 2106  Environment of Business  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.

ACCT 3111  Inter Accounting I (SSU)  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.

ACCT 3112  Intermediate Accounting II-SSU  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.

ACCT 3130  Intermediate Accounting I  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The conceptual framework behind financial accounting, reporting and current practice in the preparation of financial statements including the income statement and balance sheet is the focus of this course. This includes accounting for changes and errors in financial reporting, income recognition, financial accounting disclosure, and analysis of financial statements through percentage and ratio analysis. Recent developments at the FASB, SEC and IASB are reviewed as an essential part of this course and students should be prepared to critically examine prospective financial accounting standards. The course stresses problem solving, critical thinking and research skills.  
Prerequisite(s): A minimum grade of "C" in all of the following: ACCT 2101, ACCT 2102, CISM 2530, MATH 1232 or MATH 1441, ENGL 1101 or WRIT 1101 and ENGL 1102.

ACCT 3132  Intermediate Accounting I  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is a continuation of ACCT 3131. This course focuses on the accounting treatment for assets and liabilities including cash; current receivables; inventories; property, plant and equipment; intangible assets; current liabilities and contingencies; and long-term liabilities and receivables. The financial statements of several public companies are reviewed and a detailed analysis of these statements is an essential part of this course.  
Prerequisite(s): A minimum grade of "C" in ACCT 3131 and ACCT 2102.

ACCT 3231  Managerial Accounting II  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Preparation and analysis of information to assist management in decision making, planning and controlling business activities. The use of management accounting information for costing products and services, budgeting, pricing and production mix decisions, and evaluating operating performance are emphasized.  
Prerequisite(s): A minimum grade of "C" in ACCT 2102, CISM 2530, ENGL 1102, MATH 1232 or MATH 1441, ENGL 1101 or WRIT 1101.

ACCT 3330  Income Tax  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Introduction to the basic concepts of federal income tax with a focus on taxation of individuals.  
Prerequisite(s): A minimum grade of "C" in ACCT 3131.

ACCT 3530  Tax Aspects of Business Decisions  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An introduction to basic tax, business, and legal concepts instrumental in decreasing federal taxes. The course stresses problem solving, critical thinking, and application of skills necessary to reduce taxes. Open to either non-accounting BBA or Non-BBA students. Will not substitute for ACCT 3330.  
Prerequisite(s): A minimum grade of "C" in ACCT 2101, ACCT 2102 or ACCT 2030.

ACCT 4030  Special Topics in Accounting  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A customized course that allows students to pursue further study in a specific accounting topic at the frontier of an area of research or a contemporary topic related to current real-world events.

ACCT 4130  Accounting Information Systems  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An introduction to how accounting activities are implemented and integrated in manual and computer-based accounting information systems. Topics include AIS components, transaction cycles, system development, internal control, the relationship between AIS design and the audit process, and the effects of technology. The course stresses problem solving, critical thinking, and computer application skills.  
Prerequisite(s): A minimum grade of "C" in ACCT 3131.
ACCT 4131  International Accounting
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of accounting issues and business operations in a global
environment. Topics include foreign market currency systems, inflation
and currency translation methodology, and international auditing and
taxation issues impacting multinational corporations and individuals
involved in exports, services, or capital transactions at an international
level.
Prerequisite(s): A minimum grade of "C" in ACCT 3132, Accounting
majors only.

ACCT 4133  Intermediate Accounting III
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The capstone of the intermediate accounting sequence, this course is a
continuation of ACCT 3132. Advanced accounting topics including
accounting changes and error corrections, stockholders equity, accounting
for income taxes, accounting for pensions and other post-retirement
benefits, accounting for leases, and the statement of cash flows are the
basis for this course.
Prerequisite(s): A minimum grade of "C" in ACCT 3132 and ACCT
3330, Accounting majors only.

ACCT 4430  Auditing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Develops the background to understand the auditing process and
judgments made by auditors. Topics include external, internal and
governmental auditing.
Prerequisite(s): A minimum grade of "C" in all of the following: ACCT
3132 and prior or concurrent enrollment in ACCT 4130. Accounting
majors only.

ACCT 4530  Governmental and Institutional Accounting
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to accounting and financial reporting for state and local
governments and not-for-profit entities. Financial management and
accountability considerations particular to government and not-for-profit
organizations are emphasized.
Prerequisite(s): A minimum grade of "C" in ACCT 3131, Accounting
majors only.

ACCT 4631  Fraud Examination
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course takes a look at fraud by examining the pervasiveness of, and
the causes, of fraud and white-collar crime in our society. Other topics
to be explored include financial crime statutes, evidence gathering and
admissibility, types and elements of fraud, general investigative methods,
and report writing.
Prerequisite(s): A minimum grade of "C" in ACCT 2101 or ACCT
2030 and junior status.

ACCT 4632  Fraud Schemes Fraud Schemes
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course takes a look at the 44 most common fraud schemes, including
how they work and how they can be effectively detected, investigated, and
prevented.
Prerequisite(s): A minimum grade of "C" in ACCT 2101 or ACCT
2030 and junior status.

ACCT 4790  Internship in Accounting
3-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A supervised work-study program in selected business and accounting
firms throughout the southeast. Any student enrolled in the internship
program will be required to work for one full semester.
Prerequisite(s): junior standing.

ACCT 4830  Special Problems in Accounting
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A customized course that is under the direction of a faculty sponsor. The
course is designed to offer students an opportunity to pursue studies at a
level or on topics not covered in scheduled courses. The scope and nature
of the material covered is determined in consultation with faculty sponsor.

ACCT 4890  Directed Study in Accounting
3 Credit Hours. 0-3 Lecture Hours. 0 Lab Hours.
Designed for independent study and research in selected areas of
accounting under faculty supervision.

ACCT 5232  Managerial Accounting III
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continues the study of management accounting by focusing on current
topics in the areas of 1) controllership, 2) applications and implications
of modern costing and management accounting techniques, including
advanced costing techniques, performance measurement, and process
analysis, and 3) the legal, corporate and professional responsibilities of
accounting departments. Specific topics may vary from year to year.
Prerequisite(s): A minimum grade of "C" in ACCT 3231, Accounting
majors only.

Cross Listing(s): ACCT 5232G.

ACCT 5330  Taxation of Corporations and Partnerships
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the laws involving the formation, operation, and liquidation of
corporations, S corporations, and partnerships.
Prerequisite(s): A minimum grade of "C" in ACCT 3330, Accounting
majors only.

AFAS African American Studies

AFAS 5000  Topics in African American Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Special topics in African American Studies. Will be offered in conjunction
with selected upper level courses in the university curriculum when
content of those courses address issues related to African American
studies.Special topics in African American Studies. Will be offered in conjunction
with selected upper level courses in the university curriculum when content of those courses address issues related to African American
studies.
Prerequisite(s): A minimum grade "D" AAST 2000.
Cross Listing(s): AFAS 5000G.

ANTH Anthropology

ANTH 1102  Introduction to Anthropology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The 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 all of the sub-fields of anthropology to
the study of humanity: cultural anthropology, archeology, linguistics, and
biological anthropology.

ANTH 1150  Glob Pers Ant: People of World
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an ethnographically focused survey of the world
and its peoples. Topically organized, this exploration emphasizes
contemporary social issues as they relate to globalization and cultural
change. Students will gain an understanding of the interactions between
local peoples and their place in the larger world.
ANTH 2131 World Archaeology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will introduce the methods and theories used by archaeologists to investigate and interpret the past, and apply them to an overview of the archaeology of the Old and New Worlds. It will examine how archaeology tells us about significant cultural developments in humanity’s past, with a particular focus on the transition to farming, the rise of complex societies, and the development of state level societies. The impact of these transitions on societal and cultural change will also be explored.

ANTH 2231 Biological Anthropology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines social life and physical diversity in the context of hominin evolution. Key areas of study include the fossil record, basic genetics, primatology, human variation, and the evolution of communication.

ANTH 2331 Cultural Anthropology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an exploration of the nature, structure, and dynamics of human cultural systems. Cultural patterns are used as a lens to examine what makes us uniquely human. Students will gain a better understanding and appreciation of difference and diversity through the practice of cultural relativism and a better grasp of how and why people, including ourselves, live as they do.

ANTH 2431 Cultural Anthropology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An exploration of the nature, structure, and dynamics of human culture systems through the examination of a variety of cultures, including our own, from around the world. It will provide the student with a better understanding and tolerance of cultural differences and of how and why people, including ourselves, live and act as they do.
Prerequisite(s): A minimum grade of "C" in ANTH 1102.

ANTH 2530 Anthropological Inquiry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to give students an introduction to the profession of anthropology. Students will focus on questions, such as: How do anthropologists investigate culture? How do we know what we know? How do students become an anthropologist and what is involved?.

ANTH 3091 Selected Topics Anthropology
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Various topics in Anthropology.
Prerequisite(s): Permission of Instructor.

ANTH 3130 Fire, Stone, Hide and Bone
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Emphasizing hands-on learning, this course introduces the concepts and evolution of basic human technologies. Students explore the manufacture and use of stone, bone, and wooden tools, cordage, and containers, and also practice the arts of fire-making, traditional hide tanning, and projectile use. Ranging across continents and through thousands of years, Fire, Stone, Hide & Bone instills an appreciation of the technologies developed, adapted, and applied by our shared ancestors.
Prerequisite(s): Permission of Instructor.

ANTH 3133 Southeastern Prehistory
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Using archaeology and environmental studies, this course allows students to investigate cultural developments of native societies in the New World, with specific focus on the American Southeast, prior to contact with civilizations in the Old World. From small foraging bands to large-scale chiefdoms, topics include technology, economy, social organization, natural landscapes, and the built environment.

ANTH 3134 Material Culture
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Ranging from 14,000 years ago to the early 20th century, this course introduces the substance, composition, and characteristics of those things that remain from the material culture of human societies who inhabited the Southeastern United States. Students benefit from the historical nature of this study, as well as the direct hands-on identification and dating of artifacts.

ANTH 3136 Historical Archaeology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Historical archaeology is the archaeological and archival study of literate societies. This survey course explores the development of historical archaeology, its overarching methodological and theoretical foundations, and the predominant research themes within the discipline. Students will be introduced to the ways that archaeologists evaluate and analyze historic period artifacts, documents, and oral histories, and how they harness these data to interpret the past.
Cross Listing(s): HIST 3720.

ANTH 3137 Foraging to Farming
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course surveys the archaeological evidence for the origins of food production, specifically the transition from hunting and gathering wild foods to the cultivation and raising of domesticated plants and animals. Evidence derived from zooarchaeology, paleoethnobotany, human bioarchaeology, and other disciplines is used to identify where and when food production originated. Special attention is paid to the major centers of domestication and how the use of domesticated plants and animals spread from these primary centers.

ANTH 3138 Contact: Worlds Collide
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Weaving together archaeology and history, this course explores the complex interactions resulting from contact between the Old World civilizations of Scandinavia, Africa, and Eurasia, and those of the New World, with particular focus on the American Southeast. Students will expand their perspectives on culture, politics, economy, and the resiliency of native peoples.

ANTH 3150 Public Archaeology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers Cultural Resource Management (CRM) and Public Archaeology, and the theory, methods, and techniques involved in their practice. CRM deals with the research, conservation, and management of cultural resources within a regulatory framework, and public archaeology is the communication of these results to the public. The course will address ethical responsibilities, the interpretation of archaeological sites, and public outreach techniques; international, federal, state, and local statutes affecting their practice and the integration of CRM and public archaeology.

ANTH 3250 Forensic Anthropology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the forensic subfield of biological anthropology. Topics include identifying human skeletal remains, cause of death, and search and recovery methods.

ANTH 3280 Primate Social Behavior and Ecology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Social behavior and ecology of primatologists, monkeys, and apes and the implications for the evolution of human social behavior. Topics include primate origins and evolutionary trends, survey of living primates, social organization, ecology and social behavior, and models for the evolution of human behavior.
Prerequisite(s): ANTH 1150 or ANTH 1102.
ANTH 3332 European Cultures
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the differences and similarities among European peoples and the effects of social, political, and economic changes on their cultures from an anthropological perspective. It also examines the principal anthropological methods and theories used in the study of European culture systems.

ANTH 3333 Native Peoples of North America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides a survey of the hundreds of native communities in North America and examines the Native American experience from the time of European contact through the present. It focuses on understanding the nature and variety of Native American cultures and on the contemporary lives of native peoples.

ANTH 3334 Native Peoples of the Southeast
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an overview of the lifeways of the native peoples of the Southeastern United States from the late prehistoric period to the present. The resilience and adaptability of Southeastern peoples and their communities are emphasized as we focus on the post-Removal period to the present.

ANTH 3335 Caribbean Cultures
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines significant themes in the anthropology of the Caribbean region, such as nationality, ethnicity, economics, transnationalism, globalization, family and gender systems. Study of these issues is situated in the history of slavery and indenture in the region.

ANTH 3350 Anthropology of Adornment
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the cultural practices of body modifications, jewelry, decoration, and sumptuary regulations in prehistoric through contemporary populations and their impact on gender, class and group identity.

ANTH 3431 Linguistic Anthropology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to the anthropological study of language including the structural and cultural aspects of language. Students will learn to analyze the intersections between language, culture and world view as well as the basic methods used by anthropologists for collecting linguistic data in unwritten languages.

ANTH 3532 Frameworks for Anthropology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an overview of and orientation to the theoretical models that guide anthropological research and practice. The history of anthropology and the development of anthropological paradigms will be explored within their social and cultural contexts.

ANTH 3800 Introduction to Public History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

ANTH 4131 Archaeological Methods and Theory
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an examination and application of current topics in archaeology relating to excavation strategy and interpretation. Analysis of various theoretical approaches as well as field techniques.

ANTH 4134 Archaeological Curation
3 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
The course focuses on the process of managing and interpreting archaeological collections over the long term. Course work emphasizes hands-on experience with students participating in curation activities of the archaeological repository. Instruction in the history, legal issues, and best practices regarding archaeological curation is provided.

ANTH 4135 Advanced Archaeo Analysis
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An advanced course in the analysis of archaeological sites and materials. In-depth examination of certain types of archaeological materials. Students also learn about the conservation of archaeological materials.

ANTH 4136 Potsherds to Pixels: Digital and Spatial Technologies for Archaeologists
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will examine and provide practical instruction in the application of a range of computer graphical techniques to archaeological problems, including site and landscape survey, modeling topographic and geophysical data, and 3-D archaeological modeling and scanning.

ANTH 4137 Archaeologies of Conflict
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the global archaeology of conflict from the prehistoric to the modern period, and provides a foundational understanding of the main themes and approaches to the study of conflict in humanity’s past. Moreover, it will discuss recent theoretical debates within conflict archaeology, and the anthropology of conflict and violence, and their relationships with overarching cultural frameworks and social structures.

ANTH 4138 Zooarchaeology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course focuses on laboratory methods in zooarchaeology, the study of animal remains from archaeological sites. Coursework emphasizes hands-on experience and will teach students how to identify, analyze, and interpret animal remains from archaeological sites. Other topics include taphonomic processes and assemblage formation, advanced zooarchaeological techniques, and human use of animals in the past.

ANTH 4150 Environmental Archaeology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the complex relationship between humans and the environment over time. Students learn the methods used by archaeologists to investigate how humans interacted with and responded to diverse and changing environmental conditions. Emphasis is placed on environmental reconstruction and human resource use.

ANTH 4230 Paleoanthropology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides a detailed examination of the fossil record of human evolution and the methods of paleoanthropological research. Evolutionary events from the initial divergence of ape and human lines through the origin of anatomically modern humans as we reconstruct their worlds in the past are covered.

ANTH 4331 Anthropology and Human Problems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides a study of the applications of anthropology in coping with a variety of problems among diverse peoples of the world. Issues include intercultural health care, rural to urban migration, and international development. The history, methods, and ethics of practical or applied anthropology are examined, as well as career opportunities.

ANTH 4332 Anthropology of Sex and Gender
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the biocultural and multicultural perspectives on gender and sex provided by anthropology. Theories and examples from biological anthropology, cultural anthropology, archaeology, and linguistics.

ANTH 4334 Ethnographic Methods
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the study of the research methods used by cultural anthropologists to gather and analyze data in order to describe and explain how people live and why they live that way. It emphasizes qualitative techniques such as interviewing and participant observation.
ANTH 4336  Medical Anthropology
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course provides an integrative and multidisciplinary approach to medical anthropology by exploring perspectives relating to global and cross-cultural issues of human health, body, sickness, disease, health, and culture. In particular, this course integrates biocultural viewpoints, which incorporate how people interact with their environment, and cultural viewpoints that attempt to understand the ideas, beliefs, and values that shape human.

ANTH 4338  Reading Culture
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course evaluates ethnographic writing as a form of narrative and exposes students to the breadth and depth of the styles and content that anthropologists use to communicate. Students will learn to read critically and efficiently, and will write a book review according to the standards of the discipline. The class will focus on understanding ethnographies in their cultural contexts, and read studies from around the globe to illustrate the various ways in which ethnographers write culture.

ANTH 4340  Anthropology of Foodways
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course examines foodways, a central focus of Anthropology since the earliest days of the discipline. Our study is situated within the global political economy and focused on anthropology's unique contribution to the study of foodways. Topics will include cultural practices surrounding food selection, preparation, sharing, and consumption in a variety of cultures and contexts.

ANTH 4350  Sorcery, Demons and Gods
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course provides an anthropological analysis of religion and religious beliefs across cultures, including father gods and mother goddesses, sorcery and magic, shamanism, sacrifice, and totemism.

ANTH 4432  Language and Culture
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This advanced anthropology course will explore the theories and methods related to linguistic anthropology. Topics covered include the Sapir-Whorf Hypothesis, ethnoscience, language socialization, the ethnography of speaking, ethnolinguistic methods, linguistic and cultural discourse analysis and other methods for conducting language and culture research.

ANTH 4433  Anthropology of Language and Gender
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course examines the cross-cultural use of language as a central aspect in the construction, negotiation and performance of gender, and will provide students with an understanding of the complexities of language and gender from an anthropological perspective.

ANTH 4434  Life Cycle of Language
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course explores various aspects of the life of languages including created languages, creoles and pidgins, language shift, linguistic purism, language death and language revitalization and identity movements. Emphasis will be on the cultural social factors that impact language survival.

ANTH 4630  Capstone Seminar in Anthropology
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course will review and synthesize the concepts, theories, methods and ethics of archeology, linguistic anthropology, cultural anthropology, and biological anthropology. Applications of anthropological knowledge and skills, and career options, will be examined.

ANTH 4890  Directed Individual Study
1-3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
Independent study under faculty supervision.
Prerequisite(s): ANTH 1102 or ANTH 1150 and ANTH 3532 or departmental approval required.

ANTH 5091  Selected Topics in Anthropology
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Various topics.
Prerequisite(s): Anthropology majors must have a minimum grade of "C" in ANTH 1102.
Cross Listing(s): ANTH 5091G.

ARAB Arabic

ARAB 1001  Elementary Arabic I
Elementary Arabic I
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
For students who have never studied Arabic. Focus on basic communication skills (understanding, speaking, reading, and writing Arabic) and cultural understanding. Includes laboratory program.

ARAB 1002  Elementary Arabic II
Elementary Arabic II
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Continued focus on basic communication skills (understanding, speaking, reading, and writing Arabic) and cultural understanding, with increased emphasis on active use of the language. Includes laboratory program.
Prerequisite(s): A minimum grade of "C" in ARAB 1001.

ARAB 2001  Intermediate Arabic I
Intermediate Arabic I
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Building upon communication skills (understanding, speaking, reading, and writing Arabic) and cultural understanding, developed at the elementary level.
Prerequisite(s): A minimum grade of "C" in ARAB 1002.

ARAB 2002  Intermediate Arabic II
Intermediate Arabic II
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Continued focus on communication skills and cultural understanding.
Prerequisite(s): A minimum grade of "C" in ARAB 2001.

ARAB 3030  Selected Topics in Arabic
Selected Topics in Arabic
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.
Study of a topic in Arabic literature, culture, society, thought or language not included in the regular offering. Continued development of all five language competencies (listening, speaking, reading, writing, and culture). May be repeated for credit provided a new topic is studied.
Prerequisite(s): A minimum grade of "C" in ARAB 2002.

ARAB 3130  Arabic Conversation
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Continued development of language competencies (listening, speaking, reading, writing, and culture) with special emphasis on Arabic conversation.
Prerequisite(s): ARAB 2002.

ARAB 3185  Studies Abroad: Speaking I
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This is a course in oral communications in Arabic using materials that are appropriate for building on intermediate-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in ARAB 2002.

ARAB 3330  Arabic Culture
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduction to Arabic culture patterns, behaviors, and monuments. Continued development of language competencies.

ARAB 3385  Studies Abroad: Writing I
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This is a course in written communications in Arabic using materials that are appropriate for building on intermediate-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in ARAB 2002.

ARAB 3530  Commercial Arabic
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduction to the language and practices of doing business in the Arab world. Continued development of language competencies.
ARAB 4185 Studies Abroad: Speaking II  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This is a course in oral communications in Arabic using materials that are appropriate for building on advanced-level skills and which are related thematically to the country/culture visited.  
Prerequisite(s): A minimum grade of "C" in ARAB 2002.

ARAB 4385 Studies Abroad: Writing II  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This is a course in written communications in Arabic language using materials that are appropriate for building on advanced-level skills and which are related thematically to the country/culture visited.  
Prerequisite(s): A minimum grade of "C" in ARAB 2002.

ARAB 4890 Directed Study in Arabic  
1-15 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Concentrated study of a topic in Arabic literature, culture, society, thought or language. May be repeated for credit provided a new topic is studied.

ARCH Archaeology

ARCH 3092 Selected Topics in Archaeology  
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.  
Various topics in Archaeology.  
Prerequisite(s): Permission of Instructor.

ARCH 4732 Archaeology Field Session  
3-9 Credit Hours. 0 Lecture Hours. 6-18 Lab Hours.  
This course is centered around on-site participation in the excavation of an archeological site including training in the field and laboratory techniques involved in excavation. Experience in excavation, analysis, recording, and interpretation of archeological materials is provided. Repeatable for up to 9 total hours.  
Prerequisite(s): Permission of Instructor.

ART Art

ART 1000 Art in Life  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A general introduction to art and aesthetics and their role in human life and culture. Includes discussion and analysis of architecture, sculpture, painting, ceramics, drawing, printmaking, photography, design, and other art forms from various historical periods and world cultures.

ART 1010 Drawing I  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
An introduction to the basic materials and methods of drawing. Students will develop skills in direct observations, composition, and techniques using still-life and natural forms.

ART 1011 Drawing II  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
Through direct observation and experimentation the student is led to develop a personal approach to expression. The figure, landscape and still-life are examined in a variety of materials.  
Prerequisite(s): ART 1010.

ART 1020 2D Art and Design Foundations  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
Emphasizes two-dimensional design through analysis of line, texture, color, size, shape, and mass. Individual experiences with a variety of media.

ART 1030 3D Art and Design Foundations  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
Uses lectures, demonstrations, discussions, and hands on experiences to introduce students to a variety of basic materials, techniques, and general concepts related to design within the contexts of 3-D form and space.

ART 1132 Digital Art and Design Foundations  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
This course is an introduction to the digital methods of image capture, creation, manipulation and research. Students will build skills in the fundamentals of digital technologies in art and design practices.

ART 1536 Animation I  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
This course is an introduction to animation. Students will cover concepts in 2D, stop motion, and sound. Course projects explore character development, storytelling and dialogue.

ART 2000 Advanced Placement Studio  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
This course is designed to award Advanced Placement credits to High School students’ portfolio scoring 4 and above in drawing 2D-Design and 3D Design. Credits will be given upon the completion of a portfolio review. Requires departmental permission.

ART 2135 Painting: Introduction  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
This course is an introduction to painting through a variety of studio experiences. This course is designed to familiarize students with skills necessary for creating a painting. Emphasis is placed on technical competence using paint media, mixing color, mixing color values, and composition. Also stressed are concepts such as symbolic use of color, marks and form to increase expressionistic content within a work of art. Direct observation is utilized.

ART 2230 Ceramics: Introduction  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
In this course, students are introduced to clay and the various forming techniques, including pinching, coil construction, slab building, architectural relief, wheel throwing, and firing. Students will learn technical, conceptual, research and design skills, as well as professional skills.

ART 2235 Digital Dimensions  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
This course involves focused study of using computers and computer-controlled devices to create visualizations, patterns, and 3-Dimensional forms. 3-Dimensional modeling software will be used to design and produce actual objects through peripheral machines such as laser scanners, CNC routers, CNC plasma cutting, and powder-based rapid prototyping. Additionally, the course introduces a broad range of software and creation techniques currently used in the advertisement and motion picture industries, and the fields of industrial, automobile, architecture, furniture, and graphic design.

ART 2236 Small Metals Design: Fundamentals  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
This course introduces students to tools, materials, and techniques of small metal design. Students will learn technical, conceptual, research, design, and professional skills.

ART 2330 Typography I  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
Introduction to the basic foundations of typographic design. Creative solutions to typographical design program will be explored, through the application of the practical and technical aspects of typography.  
Prerequisite(s): A minimum grade of "C" in ART 1132 or permission of instructor.

ART 2331 Visual Thinking in Graphic Design  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
A general introduction to graphic design. The focus of this course will be on students’ development of their creativity and skills at effective visual communications, while also learning about general concepts and issues that apply to the field of graphic design.  
Prerequisite(s): A minimum grade of "C" in ART 2330 or permission of instructor.
ART 2332 Design Theory I  
3 Credit Hours.  2 Lecture Hours.  2 Lab Hours.  
A survey of theoretical frameworks in graphic design's history from early twentieth century to present, this course examines theoretical, philosophical, social and historical aspects of graphic design with emphasis on the relationship of visual representation and design, form as content, semiotics and how graphic designers construct meaning.  
Prerequisite(s): A minimum grade of "C" in ART 2331 or permission of instructor.

ART 2335 Photographic Imaging I  
3 Credit Hours.  3 Lecture Hours.  2 Lab Hours.  
This is a studio course that explores fundamental techniques and applications of the photographic medium within the context of art. Students learn to use the basics of digital camera and basic Photoshop skills to serve as an image-enhancing tool. Development of critical thinking skills, personal creative self-expression, and the creative potential of the individual are emphasized. Students are critiqued on the basis of technical proficiency, aesthetic accomplishment and conceptual development.

ART 2430 Print, Paper, Book Arts: Introduction  
3 Credit Hours.  2 Lecture Hours.  3 Lab Hours.  
This course is an overview of printmaking processes which may include relief, intaglio, serigraphy, and lithography, as well as, an introduction to hand-papermaking and bookbinding structures. Conceptual emphasis encourages growth of student's personal content and development as an artist.

ART 2536 Animation II  
3 Credit Hours.  2 Lecture Hours.  3 Lab Hours.  
This is an intermediate course in animation, covering concepts in 2D, stop motion, and sound. Course projects will explore character development, storytelling and dialogue. Students will create a pilot episode.  
Prerequisite(s): A minimum grade of "C" in ART 2536.

ART 3131 Drawing III  
3 Credit Hours.  2 Lecture Hours.  3 Lab Hours.  
Involves students in drawings of an advanced technical and conceptual nature. Students are encouraged to experiment with traditional and contemporary approaches to personal image making in a variety of drawing materials.  
Prerequisite(s): A minimum grade of "C" in ART 1011 or permission of instructor.

ART 3132 Figure Drawing  
3 Credit Hours.  2 Lecture Hours.  3 Lab Hours.  
The historical, structural, anatomical, and compositional study of the human figure as an expressive subject.  
Prerequisite(s): A minimum grade of "C" in ART 1011 or permission of instructor.

ART 3137 Painting: Intermediate  
3 Credit Hours.  3 Lecture Hours.  3 Lab Hours.  
This course is intended to provide students with an advanced exploration of paint as an expressive medium and a visual language. Emphasis is on the cultivation of content and creative exploration as informed by technical competence handling traditional formal elements such as composition, color mixing, mediums, and paint surface. Students are urged to develop a personal iconography and to deepen the expressionistic content of their work with an awareness of traditional and contemporary art.  
Prerequisite(s): A minimum grade of "C" in ART 2133.

ART 3230 Ceramics: Intermediate  
3 Credit Hours.  2 Lecture Hours.  3 Lab Hours.  
This course is an intermediate exploration in selected technical areas of ceramics and firing. Students will explore glaze problems, firing techniques and aesthetics. Emphasis will be on historical and aesthetic concerns dealing with the form.  
Prerequisite(s): ART 2230.

ART 3235 Materials and Making  
3 Credit Hours.  2 Lecture Hours.  3 Lab Hours.  
This course is an introductory overview of sculptural processes, material properties and dimensional thinking. The course introduces additive/subtractive modeling and basic fabrication techniques for concrete, wood and metal forms. Various projects introduce abstract thinking, working with found objects, and trompe l’oeil (fool the eye) techniques.  
Prerequisite(s): A minimum grade of "C" in ART 2236.

ART 3330 New Media Design  
3 Credit Hours.  3 Lecture Hours.  2 Lab Hours.  
A study of the various aspects of new media design, specifically how formal aesthetic and concept is integrated with motion, sequence, duration, time and sound. Visual solutions will take shape in a non-print format that investigates how a user experiences new media differently than traditional media.  
Prerequisite(s): A minimum grade of "C" in ART 2331.

ART 3331 Graphic Design Methods  
3 Credit Hours.  3 Lecture Hours.  2 Lab Hours.  
An intermediate level course which teaches page design and layout of various types, focusing on books, magazines, catalogs, and newspapers. Special emphasis will be on developing students' abilities to find creative yet functional solutions to a diverse range of paper design problems.  
Prerequisite(s): A minimum grade of "C" in ART 2331.

ART 3333 Design Systems  
3 Credit Hours.  2 Lecture Hours.  3 Lab Hours.  
A study of how to design a visual identity system which includes logos, trademarks, letterheads, business cards, signage, brochures, catalogs, electronic web designs, and other forms of communication appropriate to the business.  
Prerequisite(s): A minimum grade of "C" in ART 3331, ART 3330.

ART 3334 Professional Practices  
3 Credit Hours.  2 Lecture Hours.  3 Lab Hours.  
This advanced level course will cover the practical issues that confront professional graphic designers today. Topics include job searching, freelancing, contract negotiation, ownership of intellectual property, client dynamics, presenting design solutions and other relevant issues. Students will learn to prepare files for printing and apply professional standards within the graphic design industry.  
Prerequisite(s): A minimum grade of "C" in ART 3330 or ART 3331.

ART 3335 Photographic Imaging II  
3 Credit Hours.  3 Lecture Hours.  2 Lab Hours.  
This is a studio course that explores the use of digital photography and Photoshop to creatively express ideas. Emphasis is on the continued development of technique and personal aesthetic. Students will analyze the writings and dogmas of historical and contemporary photo-historians and scholars to further develop their understanding of the medium.  
Prerequisite(s): A minimum grade of "C" in ART 2335.

ART 3338 Typography II  
3 Credit Hours.  2 Lecture Hours.  3 Lab Hours.  
This course provides an advanced study of typographic systems, principles, and usage with emphasis on refining student's understanding of type aesthetics, and its informative, expressive, and experimental potential in solving complex communication problems. Students will use type as a visual form and visible language.  
Prerequisite(s): ART 2330.
ART 3430 Print, Paper, Book Arts: Intermediate
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
In this course, multiple color, reduction, digital integration, and mixed-media technical applications for all printing processes will expand students' ability to further their personal conceptual direction, as well as resolving problems of delivery intention, to include both the fine art print and printed public commodity. Students will examine the presence of their print imagery and delivery, within the historical and critical context of printmaking and the powerful democratic ability of the printed image. Bookbinding and papermaking techniques will employ advanced historical/global forms/skills that will foster the intimate experience and powerful self-reflection when viewing imagery and content via the artist's book.
Prerequisite(s): A minimum grade of "C" in ART 2430.

ART 3536 Video & Motion Graphics
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
This course is an introduction to video, motion graphics, editing, and audio techniques. Student projects will cover expressive techniques in video editing, kinetic type, special effects, motion tracking and web streaming.
Prerequisite(s): A minimum grade of "C" in ART 1536.

ART 3537 Installation & Interactivity
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
In this course, students are introduced to interactivity and programming with motors, sensors, video mapping, and the Arduino. Students will create an independent body of work in interactive media with games, 3D printing, constructed environments and sound installation.
Prerequisite(s): A minimum grade of "C" in ART 1536.

ART 3731 Graphic Design Internship
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
Students will apply their skills and learn practices of the profession through a professional experience in graphic design.
Prerequisite(s): ART 3331 and a minimum grade of "C" in ART 3338.

ART 4135 Painting: Advanced
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
This course is intended to provide students advanced opportunities to explore and employ advanced ceramics materials, processes and techniques, glaze calculation and firing techniques leading up to a sophisticated professional portfolio of work that includes an artist statement, resume, and website presence. Students will learn technical, conceptual, research and design skills, as well as professional skills at an advanced level.
Prerequisite(s): A minimum grade of "C" in ART 2330.

ART 4235 Hot and Cold Casting
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
This course emphasizes artistic expression using hot and cold casting techniques. Contemporary issues will be explored through a variety of topics that may include figurative studies, body-casting, combinations of 2- and 3-dimensional media, explorations of scale relationships, and art as a vehicle for social change. Emphasis is placed upon visual communication and personal expression.
Prerequisite(s): A minimum grade of "C" in ART 2330 or permission of instructor.

ART 4236 Small Metals Design: Advanced
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
This course is an advanced level exploration of tools, materials, and techniques of small metal design. Students will learn technical, conceptual, research, design, and professional skills.
Prerequisite(s): A minimum grade of "C" in ART 2330 or permission of instructor.

ART 4334 Photographic Imaging III
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
This is a studio course in which the student explores the use of the digital camera and elements of Photoshop to use as tools for personal creative expression and development of the artist's vision. Students will question and evaluate the role of photography in contemporary society and discuss the roles and responsibilities of image-makers.
Prerequisite(s): A minimum grade of "C" in ART 2335.
ART 4335 Web Page Design
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
The student will develop effective graphic design interfaces for website construction. Course content will address software and technical information with an emphasis on items such as site construction and site management, as well as current and future developments in online services, search engines, and how they affect the online community. Students will incorporate workflow and organizational skills into an active online website for a variety of topics.
Prerequisite(s): A minimum grade of "C" in ART 3330 or ART 3331 or ART 3338.

ART 4381 Graphic Design Theories
3 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
An advanced level course that investigates in-depth theoretical and practical issues concerning the design profession, meaningful communication, ethics, and user-experience through the synthesis of visual and verbal solutions.
Prerequisite(s): A minimum grade of "C" in ART 3331, ART 3330.

ART 4536 3D Animation
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
This course introduces students to 3D animation, covering concepts in 3D, sound, and web. Student projects will explore character development, storytelling, and dialogue.
Prerequisite(s): A minimum grade of "C" in ART 1536.

ART 4590 Selected Topics In Art
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Studio experiences to further students' artistic development in varied, unique processes and approaches.
Prerequisite(s): A minimum grade of "C" in ART 1010, ART 1020, ART 1030, ART 1132.

ART 4889 Graphic Design Portfolio
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
The student will compile a professional portfolio and exhibit creative work to the public.
Prerequisite(s): A minimum grade of "C" in ART 4381, ART 3334.

ART 4988 Capstone in Studio Art
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
This is a professional application and practice course that provides an opportunity for students to identify and apply transferable skills acquired in their studio and non-studio classes in the B.A. Studio Art degree. The course is structured to allow each student to conceptualize and implement an individual semester-long capstone project which will be defined by the creative skills and interests gained during the program of study. Students will publicly present capstone projects at the end of the course. Students will also prepare professional materials needed for career opportunities post-graduation. Students must attain senior status and have the permission of the instructor to enroll.
Prerequisite(s): A minimum grade of "C" in ART 1010, ART 1011, ART 1020, ART 1030, ART 2531, ART 2532.

ART 4999 BFA Portfolio And Exhibition
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
Portfolio development and exhibition experience for senior BFA studio students. Must take this class last semester in degree program.

ARTG 3231 Graphic Reproduction Processes
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course introduces students to the various reproduction processes and the products they produce. The course provides an examination of the current reproduction processes for graphic communications, including digital, lithography, flexography, screen, pad, dye sublimation, gravure and specialty reproduction methods. Students will complete hands on experiences using the available processes.
Prerequisite(s): A minimum grade of "C" in ART 1132.

ARTG 3331 Digital and On-Demand Publishing
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course introduces students to on-demand and personalized graphic reproduction. A review of the markets and the application of on-demand and personalized graphic reproduction are given. The collection of data and its reuse in the production of personalized targeted material is presented. Student will compete hands projects related to one to one marketing and personalized publishing.
Prerequisite(s): A minimum grade of "C" in ART 1132.

ARTG 3431 Planning, Finishing, and Estimating
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course introduces students to the planning steps, finish process and the estimating procedures, used in the production of graphic communications projects. Students will plan, estimate, construct, and finish various graphic communications projects.
Prerequisite(s): A minimum grade of "C" in ART 1132.

ARTG 3432 Color Management and Reproduction
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course introduces students to color reproduction and management concepts and procedures related to the graphic communication industries.
Prerequisite(s): A minimum grade of "C" in ART 1132.

ARTG 4131 Selected Topics in Graphic Communication
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course will explore special areas in graphic communications and will carry a subtitle.
Prerequisite(s): A minimum grade of "C" in ART 1132.

ARTG 4231 Web Development for Graphic Communications
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course covers planning and designing effective web pages and developing. Students will learn how to enhance web pages through the use of page layout, text formatting, graphics, and multimedia. Students will learn how to obtain a domain name, web-hosting provider, and publish a working website.
Prerequisite(s): A minimum grade of "C" in ART 1132.

ARTH Art History

ARTH 2531 Art History I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course surveys the arts of the western and non-western world from the prehistoric eras through the 14th century. The emphasis is twofold: 1) recognizing the visual characteristics of period and individual styles through a study of major monuments and, 2) utilizing works of art to better understand the social, cultural and economic realities of the historical eras. The format for the course is lecture with discussion.

ARTH 2532 Art History II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course surveys the arts of the western and non-western world from the 15th century to the present. The emphasis is twofold: 1) recognizing the visual characteristics of period and individual styles through a study of major monuments and, 2) utilizing works of art to better understand the social, cultural and economic realities of the historical eras. The format for the course is lecture with discussion.
ARTH 3251 Dada and Surrealism  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will examine the profound and lasting contributions made by Dada & Surrealist artists as well as other revolutionary modernists of the early 20th century who sought to escape the traditional and rational in art and thought. An analysis of topics (dada and performance; neo-dada; dada and surrealist women; surrealism and photography; dada, surrealism and ethnography; collage; and the impact of surrealism in the United States) will be analyzed to define regressive ideas, which led to the dismantling of previous standards and the rise of an anti-art spirit, which continues today in various guises. Primary documents will be consulted regularly in order to provide a wider appreciation of the variety of Dada and Surrealist media (e.g. literature, film, theater, typography). The format for this course is lecture with discussion.
Prerequisite(s): A minimum grade of "C" in ARTH 2532 or permission of instructor.

ARTH 3261 Italian Mannerism  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will address the visual arts of Italy created during the late Renaissance, typically known as the Mannerist period. The class will primarily cover painting, and sculpture, with the inclusion of some architectural works. The course will begin by establishing the artistic traditions of the High Renaissance era to examine Mannerist innovations. Shifts in style and aesthetics as well as the maintenance, in some instances, of High Renaissance ideals. The class will be held in a lecture format with images projected during lecture for a combination of visual and verbal information.
Prerequisite(s): A minimum grade of "C" in ARTH 2532 or permission of instructor.

ARTH 3272 Northern Renaissance Art  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will address the visual arts of northern Europe during the Renaissance, the 14th through the 16th century. The class will primarily cover the painting, printmaking, and sculpture of Germany, Flanders, France, and the Netherlands. The class will begin by establishing the artistic traditions of the medieval era and exhibit how the early Northern Renaissance artists both operated within these traditions and made marked innovations to the visual vocabulary, and will conclude with the 16th-century North's responses to the Protestant Reformation and to the influence of works of the Italian Renaissance. The class will be held in a lecture format with images projected during lecture for a combination of visual and verbal information.
Prerequisite(s): A minimum grade of "C" in ARTH 2532 or permission of instructor.

ARTH 3282 Pre-Columbian Art  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This survey introduces students to the art produced by the cultures of Mesoamerica up to the time of contact with European cultures; from the earliest traditions of Olmec ceramic sculpture to the spectacular Mayan architecture and awe-inspiring stone carvings of the Aztecs. Sacred architecture, precious stone and metal sculpture, basket carving traditions, mural paintings and works of art on paper are examined with a consideration to both form and context. The format for this course is lecture with discussion.
Prerequisite(s): A minimum grade of "C" in ARTH 2531 or ARTH 2532 or permission of instructor.

ARTH 3377 Graphic Design History  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is a survey of the history of graphic design communications from prehistory to the present, and will evaluate the impact of culture and technology on the development of graphic design in different historical contexts. Content includes the relation of art and graphic design, techniques of graphic representation, current trends, and the importance of graphic communication in contemporary society.
Prerequisite(s): A minimum grade of "C" in ARTH 2532 or permission of instructor.
ARTH 3532 Italian Renaissance Art
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will encompass a study of the visual arts, primarily sculpture, painting, and architecture, both secular and religious, from the Italian Renaissance. The course will begin by establishing the artistic traditions of the Medieval era and exhibit how the early Renaissance artists both operated within these traditions and made marked innovations to the visual vocabulary, moves which eventually led to the new individualism of the artist and the renowned works of the High Renaissance, with which we will conclude the semester. The class will address differences in style between many of the Italian cities: Florence, Rome, Siena, Mantua, among others. The class will be held in a lecture format with images projected during lecture for a combination of visual and verbal information.
Prerequisite(s): A minimum grade of "C" in ARTH 2532 or permission of instructor.

ARTH 3533 Baroque and Rococo Art
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will address the visual arts of the Baroque and Rococo periods in both Northern and Southern Europe. The class will primarily cover painting, and sculpture, with the inclusion of some architectural works. The course will begin by establishing the artistic traditions of the Late Renaissance era to lay the groundwork for the revised aesthetic and innovations of the Baroque, and go on to examine further shifts in style as we move into the Rococo. The class will be held in a lecture format with images projected during lecture for a combination of visual and verbal information.
Prerequisite(s): A minimum grade of "C" in ARTH 2532 or permission of instructor.

ARTH 3534 19th Century Art
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the art, artists and issues in 19th century art through lectures and discussion. Topics for discussion include: Classicism & Romanticism, Representations of other cultures, Issues of gender, Realism, Impressionism & Post-Impressionism, Modernism, Abstraction, Symbolism. The format of the course is lecture with discussion.
Prerequisite(s): A minimum grade of "C" in ARTH 2532 or permission of instructor.

ARTH 4251 Modern Art
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the radical changes that occurred in Western painting, sculpture, photography, architecture and design from the beginning of Modernism in the 19th century through the early and late twentieth century. The approach will be lively and broad, utilizing ideas from diverse disciplines including theology, philosophy, literature, music, fashion design, politics, economic, sociology, psychology, the history of technology, and physics. Some of the most culturally significant artists, movements, and masterpieces of modern art will be addressed in readings, lectures, videos and discussion.
Prerequisite(s): A minimum grade of "C" in ARTH 2532 or permission of instructor.

ARTH 4276 Art Theory and Criticism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will explore selected themes and issues in modern and contemporary theory and criticism as they impact the ways in which art is produced, viewed, and assessed. Topics include Realism, Expressionism & Cognitivism, Formalism, Postmodern Pluralism, and more. The format for the course is seminar.
Prerequisite(s): A minimum grade of "C" in ARTH 2531, ARTH 2532.

ARTH 4435 Art History Travel Research
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of important art works on location at museums, galleries, monuments and other sites. Specific topics and locations to be announced.
Prerequisite(s): A minimum grade of "C" in ARTH 2531 and ARTH 2532 or permission of instructor.

ARTH 4530 20th Century Art
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course surveys European and American art, artists and issues/movements in the 20th century. The purpose of this course is to provide an understanding of not only stylistic principles of the century, but also those human values and cultural events which served as inspiration. Lectures, readings, discussions, and assignments focus on the intentions, creative biographies, and historical circumstances of 20th century artists. The format for this course is lecture with discussion.
Prerequisite(s): A minimum grade of "C" in ARTH 2532 or permission of instructor.

ARTH 4531 Contemporary Art
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Through lectures and class discussion, this course explores the development of contemporary art from the 1970s to the present day. We will investigate issues pertaining to contemporary art such as place, memory, consumption, spirituality, identity, power, stories, loss and desire, time, humor, ecology and protest. Course content also considers the nature of "mega-exhibitions" and the changing role of art, artists, and curators as cultural activists; art as the product of economic relations between parties with different vested interests in the material object; visual strategies used in the media and advertising; and the impact of technology on contemporary culture in general and art in particular.
Prerequisite(s): A minimum grade of "C" in ARTH 2532 or permission of instructor.

ARTH 4630 Senior Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

ARTH 4631 Art History Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A seminar-format course on selected topics in art history with emphasis on directed readings and classroom discussion.
Prerequisite(s): A minimum grade of "C" in ARTH 2531, ARTH 2532.

ARTH 4830 Art History Research
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Independent research and study on selected topics in art history.
Prerequisite(s): A minimum grade of "C" in ARTH 2531 and ARTH 2532 and permission of instructor and Departmental approval.

ARTH 4831 Senior Art History Thesis
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Independent research and writing on a specific topic under the supervision of an Art History faculty member. The thesis is a substantial research paper which demonstrates advanced understanding or interpretation on a specific Art History topic.
Prerequisite(s): A minimum grade of "C" in ARTH 2531 and ARTH 2532 and permission of instructor and Departmental approval.

ARTH 4891 Special Topics in Art History
1-4 Credit Hours. 0-18 Lecture Hours. 0 Lab Hours.

ARTS Art

ARTS 1100 Art Appreciation
3 Credit Hours. 3 Lecture Hours. 0 Lab 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.

ARTS 2011 Introduction to Painting
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Acrylic painting from observed and secondary sources.
ARTS 2040 Intro to Darkroom Photography
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Black and white photographic aesthetics, processes. Functions of 35mm camera and processing of film and printing.

ARTS 2400 Introduction to Fibers
3 Credit Hours. 2 Lecture Hours. 4 Lab Hours.
Basic craft processes and techniques with emphasis on fibers and metalwork.

ARTS 3020 Intermediate Painting
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
The purpose of this class is to allow the student to develop their work through directed and self-motivated activities. Assignments will be designed to allow personal artistic development while further developing an understanding of painting mediums. Regular group and individual critiques will be held to mark the progress of the student's work. There will be several directed projects, discussions and demonstrations intended to expand the student's knowledge of artistic processes.
Prerequisite(s): ARTS 2011 or ART 2135.

ARTS 3140 Intermediate Darkroom Photography
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Advanced study of the aesthetics and processes in black and white photography.
Prerequisite(s): A minimum grade of "C" in ARTS 2040.

ARTS 3160 Manipulated Silver Print
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Exploration of media and techniques to enhance and alter a silver print. Processes include building and shooting with pinhole cameras, paper negatives, solarization, composite printing, chromoskedicak sabbattier, chemigrams, toning, and hand-coloring techniques.
Prerequisite(s): A minimum grade of "C" in ARTS 2040.

ARTS 3200 Art for the Child
2 Credit Hours. 2 Lecture Hours. 1 Lab Hour.
The child and his or her development in relation to qualitative art experiences including studio experiences. Emphasis on materials and methods suitable for teaching art at the elementary school level. (May not be used for credit by art education majors).

ARTS 3230 Packaging Design
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Designing and creating product containers utilizing three-dimensional forms as they relate to graphic design.
Prerequisite(s): A minimum grade of "C" in ARTS 2110.

ARTS 3340 Advanced Pottery Wheel Techniques
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
This course will emphasize advanced techniques for working on the potter's wheel.
Prerequisite(s): ART 2230 or ARTS 3310.

ARTS 3470 Arts Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Theory and practice in art programming management, including audience analysis and development, publicity, promotions and marketing tools examined.
Prerequisite(s): A minimum grade of "C" in ENGL 1101.

ARTS 3610 Screen Printing
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
An introduction to screen printing methods including hand-cut stencils and photographic processes for printing on a variety of surfaces. Emphasis is placed on concept development, repeat pattern, and contemporary approaches to designing fabrics.

ARTS 3630 Fabric Design
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Fabric design methods and stitch techniques including batik, shibori, discharge, embellishment, and contemporary quilting.

ARTS 3640 Weaving
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Basic weaves, the hand loom, and off the loom weaving techniques.

ARTS 3680 Environmental Art
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
An interdisciplinary introduction to environmental art, examining the role of art in promoting and maintaining sustainable human societies.

ARTS 3700 Figure Sculpture
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Basic sculpture ideas, terminology, processes. Emphasis on the human figure using clay and other media.

ARTS 3720 Fiber Sculpture
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
The application of fiber methods to create three-dimensional pieces, using traditional and non-traditional materials.
Prerequisite(s): A minimum grade of "C" in ARTS 2400.

ARTS 3750 Contemporary Art & Criticism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Exploration of contemporary art historical and critical issues.
Prerequisite(s): A minimum grade of "C" in ARHS 2720.

ARTS 3760 Internship I-Pre-Student Teach
1 Credit Hour. 0 Lecture Hours. 1-6 Lab Hours.
Directed practice in the teaching of students in P-12 public school setting.

ARTS 3800 Electronic Image Manipulation
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Advanced techniques and theory of computer imaging, graphics, illustration, and mixed media.

ARTS 3840 Advanced Photographic Media
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Advanced techniques in the photographic medium, either in digital, darkroom, or a combination. Approaches include mixed media and installation, with an emphasis on developing a body of work.
Prerequisite(s): A minimum grade of "C" in all of the following: ART 2335, ART 3335 or ARTS 2040, ARTS 3160.

ARTS 4700 Senior Portfolio
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
One part of the two-part capstone experience taken prior to or concurrently with ARTS 4740 for senior art majors. Portfolio development, career planning, and professional practices for the artist will be covered.

ARTS 4710 Senior Seminar
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
One part of the two-part capstone experience taken prior to or concurrently with ARTS 4740 for senior art majors. Development and preparation of a body of work for exhibition in a variety of professional venues.

ARTS 4740 Senior Exhibition
0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
Open only to art majors. Senior-level exhibition in a gallery setting. Course taken to satisfy graduation requirements.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in ARTS 4700 or ARTS 4710.

ARTS 4760 Internship II--Student Teach
12 Credit Hours. 0 Lecture Hours. 1-12 Lab Hours.
Supervised field based teaching experiences providing the opportunity to use knowledge and skills in a P-12 public setting. A capstone course.

ARTS 5300 Issues in Art Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Critical examination of educational theory and practice through selected historical and socio-political influences. Examinations of policy, career paths in art education, and global art forms.

Cross Listing(s): ARTS 5300G.
ARTS 5400 Art in the Elementary Grades  
3 Credit Hours. 3 Lecture Hours. 1-18 Lab Hours.  
Planning and implementing arts instruction at the elementary level. Overview of materials, methods, classroom management, and technology appropriate to children at different levels in the elementary classroom. Thirty hours of practicum work is required.  
Cross Listing(s): ARTS 5400G.

ARTS 5410 Art for Middle and Secondary Grades  
3 Credit Hours. 3 Lecture Hours. 1-18 Lab Hours.  
Planning and implementing art instruction at the middle and secondary level. Overview of materials, methods, classroom management, and technology appropriate for the middle and secondary classroom. Thirty hours of practicum work is required.  
Prerequisite(s): Admission to Candidacy and a pre-certification certificate from the Georgia Professional Standards Commission.  
Cross Listing(s): ARTS 5410G.

ARTS 5560 Issues in Aesthetics and Art Education Criticism  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An introduction to basic issues related to the teaching aesthetics, art criticism, and art history to P-12 students. Students will design, implement, and evaluate developmentally appropriate instruction for teaching these issues.  
Prerequisite(s): A minimum grade of "C" in ARTS 5400 or ARTS 5410 or a minimum grade of "B" in ARTS 5400G or ARTS 5410G.

ARTS 5800 American Arts in History Perspective  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Survey of American visual arts including painting, sculpture, architecture, and the decorative arts. Examines artistic material culture as a means to critical understanding of American life.

ARTS 5850 Museum Studies  
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.  
Development of museums in the United States and of the ethics and practices of the museum profession, to include collections management, planning, outreach, and public education.

ASTR Astronomy  

ASTR 1000 Introduction to the Universe  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A survey of the universe, examining the historical origins of astronomy; the motions and physical properties of the Sun, Moon, and planets; the formation, evolution, and death of stars; and the structure of galaxies and the expansion of the universe.

ASTR 1010 Astronomy of the Solar System  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Astronomy from early ideas of the cosmos to modern observational techniques. The solar system planets, satellites, and minor bodies. The origin and evolution of the solar system.  
Prerequisite(s): Prior or concurrent enrollment in ASTR 1211.

ASTR 1020 Stellar and Galactic Astronomy  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
The study of the Sun and stars, their physical properties and evolution, interstellar matter, star clusters, our galaxy and other galaxies, and the origin and evolution of the Universe.  
Prerequisite(s): Prior or concurrent enrollment in ASTR 1211.

ASTR 1211 Astronomy Lab  
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.  
A series of laboratories designed to measure the physical properties of planets, stars, and galaxies.  
Prerequisite(s): Prior or concurrent enrollment in ASTR 1010 or ASTR 1020.

ASTR 3000 Intro to the Universe  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A survey of the Universe. Examines the historical origins of astronomy; the motions and physical properties of the sun, moon, and planets; the formation, evolution, and death of stars; the structure of galaxies; the expansion of the Universe. (Students may not receive credit for ASTR 3000 if they receive credit for ASTR 1010 and ASTR 1020.)  
Prerequisite(s): Completion of MATH 0099 or MATH 1001 or MATH 1111.

ASTR 3131 Optics  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Geometric, physical, and quantum optics in which the general principles of wave optics and several optical devices are studied.  
Prerequisite(s): A minimum grade of "C" in PHYS 2212K.  
Cross Listing(s): PHYS 3131.

ASTR 3137 The Search for Life in the Universe  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
The course will describe the current quest to find intelligent life in the universe. It will begin with a discussion of the nature and origin of life on Earth. After considering the search for life in our solar system, techniques used to search for extrasolar planets and extra-terrestrial life will be explored. The course will also include a discussion of the physical limitations to interstellar spaceflight and alternative methods of communication.  
Prerequisite(s): ASTR 1000 or ASTR 1010 or ASTR 1020.

ASTR 3538 Physical Astronomy  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
The physical nature of the solar system, stars and galaxies will be studied in detail. Principles of physics will be used and illustrated, especially in the areas of mechanics, thermodynamics, physical optics, and spectral analysis.  
Prerequisite(s): PHYS 2211K or PHYS 1111K, and PHYS 2212K or PHYS 1112K.

ASTR 3558 Introduction to General Relativity  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An introduction to the metric description of different spacetimes that describe flat and various curved geometries so as to derive the laws of mechanics for planets, stars, black holes, etc. The course also introduces a very simple model of the expanding universe and briefly introduces cosmology.  
Prerequisite(s): PHYS 3537 or permission of instructor.  
Cross Listing(s): PHYS 3558.

ASTR 3790 Teaching Internship in Astronomy  
1-2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
The internship allows students to investigate teaching practices in astronomy. The student will participate in an introductory workshop immediately prior to the start of the semester, intern in the planetarium, and meet with the faculty mentor one hour each week.  
Prerequisite(s): Permission of instructor required and ASTR 1000 or ASTR 1010 or ASTR 1020.

ASTR 4130 Astrophysics  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course will cover advanced topics in Astrophysics. Students will become familiar with the fundamental physics of stars. This includes stellar atmospheres, interiors, and evolution. Students will study the atomic properties of matter and its interaction with light. Students will also study techniques for observing stars using telescopes and interferometers.  
Prerequisite(s): A minimum grade of "C" in PHYS 2212K.
BCHM 3200 Principles of Biochemistry
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A biochemistry course focused on the structure and function of nutrient molecules. Topics include the structure of carbohydrates, lipids, proteins, enzyme function, energetics of metabolism, and metabolic pathways relevant to nutrition. Does not count toward the major in biochemistry or chemistry.
Prerequisite(s): A minimum grade of "C" in CHEM 3402.

BCHM 3310 Bioinorganic Chemistry
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course introduces students to modern inorganic chemistry and explores its connections to biological systems. Topics to be covered include symmetry and molecular orbital theory, structure and physical properties of coordination complexes, and reactivity of metals. All will be related to biochemical molecules such as metalloproteins. Majors may not receive credit for both BCHM 3310 Bioinorganic Chemistry and CHEM 3300 Inorganic Chemistry.
Prerequisite(s): A minimum grade of "C" in CHEM 3402.

BCHM 3311L Bioinorganic Laboratory
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.
An advanced laboratory course for biochemistry majors. The course applies inorganic techniques to biological problems.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in BCHM 3310.

BCHM 3510 Biophysical Chemistry
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The fundamentals of physical chemistry from a biochemical perspective. Topics including gas laws, heat and work, and the laws of thermodynamics, material and reaction equilibrium, standard thermodynamic functions, and reaction kinetics. Students may not receive credit for both BCHM 3510 Biophysical Chemistry and CHEM 3501 Chemical Kinetics & Thermodynamics.
Prerequisite(s): A minimum grade of "C" in CHEM 2100 and MATH 2242 and PHYS 2211K.
Cross Listing(s): CHEM 3501.

BCHM 3511L Biophysical Laboratory
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.
An advanced laboratory course for biochemistry majors. The course applies physical chemistry principles to solve biological problems.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in BCHM 3510.

BCHM 3900 Biochemical Research
1-3 Credit Hours.  0 Lecture Hours.  3-9 Lab Hours.
Faculty originated biochemical lab-based research project. Scientific paper required.
Prerequisite(s): Prior or concurrent enrollment in CHEM 3402 and permission of department Chair.

BCHM 4000 Advanced Topics in Biochemistry
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Topics include advanced areas of study in biological chemistry and may include biocatalysis, bioinorganic chemistry, computational biochemistry, protein structure and design as well as others. Course may be repeated as topics vary.
Prerequisite(s): A minimum grade of "C" in BCHM 5201.

BCHM 4210 Biotechnology and Biocatalysis
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course introduces principles and techniques in biotechnology. The biotechnology topics will be used to study the past, present, and future of biocatalysis.
Prerequisite(s): A minimum grade of "C" in BCHM 5201.
Cross Listing(s): CHEM 4210.
BIOL 1103 Concepts of Biology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
May include topics such as evolution, ecology and the environment, genetics and heredity, diversity of life, cells and cellular energy, biomolecules, and the scientific process. (Credit in this non-majors course may not be applied to the Area F requirement in biology. Course not intended for science majors or clinical health majors).

BIOL 1103L Concepts of Biology Laboratory
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
Laboratories that teach the basic principles of biology and their relevance to biological issues (e.g., disease, food safety, genetic modification, cloning, resistance to antibiotics, evolution, plant resources, and forensic science). Guided inquiry laboratory activities emphasize the scientific method of inquiry and promote the development of observation, analysis, and communication skills. Credit toward graduation will not be granted for both BIOL 1103L and BIOL 1110L.

BIOL 1107 Principles of Biology I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers foundational concepts in molecular and cellular biology. Topics include the scientific method, organic macromolecules, cell structure and function, respiration, photosynthesis, cell division, and the flow of information from DNA to proteins. Requires a minimum grade of C to serve as prerequisite to higher-level BIOL courses. Prerequisite(s): Prior or concurrent enrollment in all of the following: ENGL 1101, and MATH 1001 or MATH 1101 or MATH 1111.
Corequisite(s): BIOL 1107L.

BIOL 1108 Principles of Biology II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to evolution and its role in creating biodiversity. Students will explore how evolution creates a hierarchical pattern of shared ancestry among all living things. Topics include natural selection and evolutionary change, speciation, phylogeny and classification, and the structure and function of the major forms of life (domains, kingdoms, and major phyla). Requires a minimum grade of C to serve as prerequisite to higher-level BIOL courses. Prerequisite(s): Prior or concurrent enrollment in MATH 1111 or MATH 1001 or MATH 1113 and ENGL 1101.
Corequisite(s): BIOL 1108.

BIOL 1108L Principles of Biology Laboratory II
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
Laboratory survey of evolution and biodiversity, including natural selection, principles of classification, and the structure and function of the major forms of life (domains, kingdoms, and major phyla). Requires a minimum grade of C to serve as prerequisite to higher-level BIOL courses. Corequisite(s): BIOL 1108.

BIOL 1110 Concepts of Biology Trad. Lab
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Laboratories that teach the basic principles of biology and their relevance to biological issues (e.g., disease, food safety, genetic modification, cloning, resistance to antibiotics, evolution, plant resources, and forensic science). Laboratory and field activities emphasize the scientific method of inquiry and promote the development of observation, analysis, and communication skills. Credit toward graduation will not be granted for both BIOL 1103L and BIOL 1110L.

BIOL 1120L Environmental Biology Lab
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Laboratories that teach the basic concepts of environmental biology and ecology, and their relevance to current environmental concerns (e.g., biodiversity loss, climate change, invasive species, energy use, water resources, air pollution, sustainability). Laboratory and field activities emphasize the scientific method of inquiry and promote the development of observation, analysis, and communication skills.
BIOL 1320 Diversity of Life
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of the major domains of life, including prokaryotic and eukaryotic groups, as well as viruses.
Prerequisite(s): Prior or concurrent enrollment in ENGL 1101.

BIOL 1330 Human Biology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Structure and function of human organ systems, human heredity, evolution, and ecology.
Prerequisite(s): Prior or concurrent enrollment in ENGL 1101.

BIOL 1331 Insects and People
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the role insects and other arthropods serve in relation to humans. Insect human interactions in the home, yard, garden, workplace, recreational areas, and human body are included. Considerations of the natural history, life cycles and optional human actions regarding pests, beneficial insects, insects and disease, insects and food, and aesthetics is included.

BIOL 1335 Plants and Civilization
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to major groups of economic plants and their role in the origin and maintenance of civilization. The course also deals with plant biodiversity and the potential impact of biological losses.

BIOL 2010 Principles of Microbiology
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Genetics, classifications and methods of control of bacteria, fungi, protozoa and viruses, with introduction to medical, industrial and environmental microbiology. Students receiving credit for this course may not receive credit for BIOL 4240. (Not intended for pre-health professions students.)
Prerequisite(s): BIOL 1108 and BIOL 1108L, and CHEM 1211K, or CHEM 1211 & CHEM 1211L.

BIOL 2010L Microbiology Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
Corequisite(s): BIOL 2010.

BIOL 2081 Human Anatomy and Physiology I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Gross anatomy, histology and physiology of human organ systems. Requires a minimum grade of C to serve as prerequisite to higher-level BIOL courses. (Non-majors course intended for health professions students.) Prerequisite(s): BIOL 1107 and BIOL 1107L or a minimum grade of “C” in CHEM 1151 and CHEM 1211K or CHEM 1211 and CHEM 1211L.
Corequisite(s): BIOL 2081L.

BIOL 2081L Human Anatomy and Physiology I Laboratory
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
A laboratory designed to instruct and give students experience with lab safety, use of a microscope, cells and their parts, cell division, tissues, the integumentary system, skeletal system, muscular system, and nervous system. Requires a minimum grade of C to serve as prerequisite to higher-level BIOL courses. (Non-majors course intended for health professions students.)
Corequisite(s): BIOL 2081.
Cross Listing(s): KINS 2511.

BIOL 2082 Human Anatomy and Physiology II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A continuation of BIOL 2081. Anatomy, histology, and physiology of human organ systems. Requires a minimum grade of C to serve as prerequisite to higher-level BIOL courses. (Non-majors course intended for health professions students.) Prerequisite(s): BIOL 2081.
Corequisite(s): BIOL 2082L.
Cross Listing(s): KINS 2532.

BIOL 2082L Human Anatomy and Physiology II Laboratory
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
A laboratory designed to instruct students on the form and function of the circulatory system, lymphatic system, respiratory system, digestive system, urinary system and reproductive system. Requires a minimum grade of C to serve as prerequisite to higher-level BIOL courses. (Non-majors course intended for health professions students.)
Corequisite(s): BIOL 2082.

Cross Listing(s): KINS 2512.

BIOL 2099 Special Topics in Biology
4 Credit Hours. 0-3 Lecture Hours. 0-3 Lab Hours.
Course taught on a special topic in biology on a one-time basis.
Prerequisite(s): Permission of instructor.

BIOL 2120 Plant Biology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Evolution and diversity of plants, including comparative morphology, anatomy, physiology, growth and development, and reproduction. Plants will be examined at the cellular, organismal, and community levels. Laboratories may include field trips. Students may not count both BIOL 2120 and BIOL 3535 toward the Biology major.
Prerequisite(s): BIOL 1108 and BIOL 1108L.

BIOL 2240 Microbiology
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
Emphasizes fundamental principles of microbiology. Topics include structure, physiology, and economic importance of microorganisms. (Non-majors course intended for health professions students).

BIOL 2275 Microorganisms and Disease
4 Credit Hours. 0.3 Lecture Hours. 0 Lab Hours.
Morphology, genetics, physiology, and public health importance of microorganisms with emphasis on bacterial pathogens.
Prerequisite(s): A minimum grade of "C" in BIOL 2082 and 2082L.

BIOL 2275L Micro-Organisms/Disease Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
Corequisite(s): BIOL 2275.

BIOL 2320 Honors Research Methods Biology
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Provides Departmental Honors in Biology students an overview of basic research methods, experimental design, visual presentation and analysis of biological information in diversity of biology sub-disciplines. This course provides the foundation for understanding the analyses typically presented in biological publications as well as the precepts necessary to plan a research project effectively.
Prerequisite(s): A minimum grade of "D" in BIOL 1107 and BIOL 1107L and acceptance into the Departmental Honors in Biology Program is required.

BIOL 2909 Selected Topics in Biology
1-4 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Course taught on a selected topic in biology on a one time basis.
Prerequisite(s): BIOL 1108 and BIOL 1108L and CHEM 1211K or CHEM 1211 and CHEM 1211L.

BIOL 3100 People and the Environment
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Interactions between humans and the support systems of the earth which are essential to their existence. Not for credit as a biology major elective.
Prerequisite(s): BIOL 1107.
BIOL 3131 Physiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an introduction to the fundamental principles of physiology. The focus is on how organisms maintain homeostasis in the face of changes in their internal and external environment. This course will cover energetics, the basic physiological processes of cells, how cell signaling can coordinate more elaborate functions, the hierarchical organization of cells into organs and organ systems, and how these organ systems can carry out complex adaptive functions. Students will see the fundamental relationship between structure and function and learn how physiological systems are constrained by phylogeny, physical limits, and functional trade-offs. Requires a minimum grade of C to serve as prerequisite to higher-level BIOL courses. Prerequisite(s): BIOL 1108, BIOL 1108L; CHEM 1211K, or (CHEM 1211 and CHEM 1211L).

BIOL 3133 Evolution and Ecology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to major principles of evolution and ecology. This course covers the origin and maintenance of genetic variation, genetic change in populations over time (microevolutionary processes of selection, drift, and gene flow), and taxonomic diversification (macroevolutionary process of speciation). Students will see how this evolution and diversification are shaped by ecological interactions between organisms and their abiotic and biotic environment. These ecological interactions will be studied at the population, community, and ecosystem levels. Requires a minimum grade of C to serve as prerequisite to higher-level BIOL courses. Prerequisite(s): BIOL 1108 and BIOL 1108L; CHEM 1211K or (CHEM 1211 & CHEM 1211L).

BIOL 3134 Cell and Molecular Biology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to cell structure and biochemistry. Topics may include gene regulation; bioenergetics; catalysis; cellular metabolism; cell evolution; genetic engineering; protein synthesis, structure and function. Requires a minimum grade of C to serve as prerequisite to higher-level BIOL courses. Prerequisite(s): BIOL 1108 and BIOL 1108L; CHEM 1211K or CHEM 1211 and CHEM 1211L.

BIOL 3440 Field Biology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Field study of the basic natural history of plants and/or animals of the southeastern United States. Lectures, laboratories, and field trips emphasize the ability to locate, observe, collect, and identify organisms in the field, as well as manage field data. Prerequisite(s): BIOL 1108 and BIOL 1108L.

BIOL 3535 Botany
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the biology of plants. Topics include the evolution and diversity of plants, as well as the unique morphology, physiology, reproduction and ecology of higher plants in particular. Students may not count both BIOL 2120 and BIOL 3535 toward the Biology major. Prerequisite(s): BIOL 1108 and BIOL 1108L.

BIOL 3610 Topics in Life Science for Educators
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of life sciences including topics such as biochemistry, cellular structure and function, DNA and protein synthesis, genetics and evolution, animal structure and function, the kingdoms of life, and principles of ecology. Admission to the College of Education and two courses in science, including one lab course. Open only to students in middle grades science track.

BIOL 3611 Research Methods Seminar
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Students read and discuss scientific literature in advance of professional seminar presentations, attend and participate in seminar presentations, and write reflective summaries. Students practice reading scientific literature, discuss commonly employed methods of data analysis, and experience the dissemination of science through seminar presentations. The course may be repeated up to two times for additional credit. Prerequisite(s) BIOL 1108 and BIOL 1108L.

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides students in Departmental Honors in Biology with a structured introduction to current topics in biological research. The course familiarizes students with the scope of biological research and aids students in selecting an area of inquiry to pursue their capstone research requirement. Students will attend the Departmental Seminar series as part of this course. One outcome of this course is a research proposal written with a faculty mentor. Students may not receive credit for this course and BIOL 4620. Prerequisite(s): BIOL 2320 and admission to the Honors Program.

BIOL 3790 Teaching Internship in Biology
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Student internship in teaching under the mentorship of a faculty member. The student will participate in a workshop immediately prior to the start of the semester, intern in a designated Biology course, and meet with the faculty mentor one hour each week. Prerequisite(s): A minimum of "D" in BIOL 1108 and BIOL 1108L.

BIOL 3890 Directed Undergraduate Research
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
Introduction to research methodologies through a faculty-supervised project. The faculty recommendation must have approval of the head of the biology department. Course can be repeated but is limited to one credit hour per semester. Prerequisite(s): A minimum of "D" in BIOL 1108 and BIOL 1108L.

BIOL 4130 Genetics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is a broad survey of the principles of inheritance, including the study of gene structure, gene function, and the role of genes in determining the traits of living organisms. Topics include the molecular structure of DNA/RNA, replication, transcription, translation, interaction of genes, linkage and mapping, sex linkage, regulation of gene expression, and Mendelian and non-Mendelian inheritance. Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4150 Horticulture
4 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
Basic gardening principles with emphasis on plant growth and development as responses to environmental conditions; plant classification, growth and development, environment, propagation, disease, pest control. Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134 and BIOL 2120 or BIOL 3535.

BIOL 4230 Introduction to Immunology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the biology of lymphocytes and adaptive immune response including the study of immunoglobulins and cytokines. The roles of the immune system in health and disease are also examined. Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4240 Biology of Microorganisms
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Covers the principles and techniques of general microbiology, including physiology, genetics, and host-parasite interactions involving bacteria, eukaryotic microorganisms and viruses. Students receiving credit for this course may not receive credit for BIOL 2010. Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
BIOL 4310 Applied Microbiology
3 Lecture Hours. 3 Lab Hours.
Microbiological aspects of food, milk, water, domestic wastes, and industry.
Prerequisite(s): BIOL 3131, BIOL 3133, BIOL 3134, and CHEM 3401.

BIOL 4320 Environmental Microbiology
3 Lecture Hours. 3 Lab Hours.
Principles of microbial ecology that may include biogeochemical cycling, symbiotic relationships, and microbial life in various terrestrial and aquatic habitats. Laboratory will cover methods to study the diversity, phylogeny, and metabolism of Bacteria and Archaea.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4450 Human Embryology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Topics will include development of the male and female reproductive systems and gamete formation, the process of fertilization, implantation, and the formation of the placenta. Development of the germ cell layers and subsequent development of the major organ systems will be covered with emphasis on the cardiovascular system, respiratory system, digestive system, urogenital system, limb formation, and neurologic system. The most common pediatric congenital defects associated with these systems will also be discussed and clinical examples provided.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4470 Sea Turtle Biology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Vertebrate anatomy, embryology, migration, population genetics, conservation and management of sea turtles and other threatened or endangered species.
Prerequisite(s): Completion of BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4520 Medical Microbiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Disease-causing microbes, their diagnosis, pathogenesis, and epidemiology.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4530 Natural History of the Vertebrates
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Life history and functional biology of major vertebrate groups. Emphasis on behavioral, reproductive and feeding adaptations using case studies. Labs focus on field identification of native species.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4532 Evolution
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Covers the historical development of evolutionary thought and focuses on current issues in evolution. Emphasis is placed on the perceived importance of natural selection, mechanisms of speciation, the history of life on Earth, and human evolution.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4535 Vertebrate Zoology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the evolution, structure, and function of the vertebrates. This course will trace the origin of vertebrates from their invertebrate ancestors and explore how basic vertebrate design has evolved in the major vertebrate groups. Students will also learn how vertebrate structure has affected their function, distribution, behavior, and ecology.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4540 Principles of Ecology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Reviews basic ecological principles and current hypotheses relevant to biological organisms from the level of the population to ecosystems. Application of mathematical models to biological processes is emphasized.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4541 Invertebrate Zoology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
A survey of the diversity and basic biology of the invertebrate animal phyla by comparing the body plans, life histories, and ecology of a range of representative species. Emphasis is placed on adaptations responsible for the diversity and life history strategies of invertebrates, and identifications of locally important invertebrate groups. Students may not count both BIOL 3630H and BIOL 4620 toward the Biology major.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4550 Biology of Marine Organisms
3 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Relationship between organisms and abiotic and biotic features of the marine environment, with emphasis on local marine ecosystems. Field labs.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4620 Undergraduate Seminar
3 Lecture Hours. 2 Lecture Hours. 0 Lab Hours.
Group study of selected biological topics held in conjunction with the normal seminar schedule of the Department of Biology. Topics will vary each semester and will be led by biology faculty.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134 and Junior standing in Biology Program is required.

BIOL 4635 Biological Basis of Animal Behavior
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will cover the biological basis of animal behavior, emphasizing the evolution, function, development and causes of behavioral actions by animals. Classes will be interactive and include student discussions. Video clips will illustrate behavioral concepts discussed in the course. A range of topics will be covered, including such possibilities as communication, predator/prey interactions, reproductive behavior, the interaction of genes and the environment, the development of behavior and sensory mechanisms.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4730 Internship in Biology
1-3 Credit Hours. 0 Lecture Hours. 3-9 Lab Hours.
Qualified biology majors may acquire practical experience by working with a public or private agency that specializes in the proposed area of study. A faculty member in the biology department will act as advisor. Internships must be approved by the head of the department, and a poster presentation of the results must be presented at the end of the semester.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4890 Research
1-4 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Biology majors will be encouraged to conduct a research project under the supervision of a faculty member. The faculty recommendation must have approval of the head of the biology department. A written abstract and an oral presentation of the results by the student must be presented at the end of the semester.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 4895 Honors Research
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Independent research under the guidance of a biology faculty member for students in the Departmental Honors program. Required for students attempting to earn Departmental Honors in Biology. Students may register for 1-3 credit hours, but must complete 4 credit hours. Students opting to attempt the honors degree program would be precluded from receiving biology elective credit for BIOL 4890.

BIOL 4999 Honors Thesis
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Written and oral presentation of results of independent research. Honors thesis must follow the guidelines adopted by the University Honors Program. Required for students attempting to earn Departmental Honors in Biology.
BIOL 5099 Selected Topics/Biology
1-4 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
A course taught on a selected topic in biology on a one-time basis.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5099G.

BIOL 5100 Cell and Molecular Biology Lab
2 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
Laboratory research techniques in cell and molecular biology, with
emphasis on inquiry-based projects, data analysis, and written and oral
presentations.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134 and
CHEM 3401.
Cross Listing(s): BIOL 5100G.

BIOL 5110 Sensory Physiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The anatomy and physiology of the major sensory systems -
chemosensory, hearing, vision and the somatosensory tactile and pain
systems, and how the sensory pathways are interpreted by the nervous
system to affect perception and behavior.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5110G.

BIOL 5120 Reproductive Biology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Topics include the origin and maintenance of sexual reproduction, sexual
selection among vertebrates, male and female reproductive anatomy and
physiology and a survey of animal breeding systems across taxa.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5120G.

BIOL 5131 Cell Biology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the structure and physiology of cells and subcellular organelles.
Topics include the cell membrane and membrane transport, the
extracellular matrix of the cell, the cell cytoskeleton, DNA structure and
replication, transcription, translation and the regulation of gene expression.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5131G.

BIOL 5132 Molecular Genetics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines aspects of inheritance of organisms at the molecular,
biochemical, and/or cellular levels.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5132G.

BIOL 5141 Forensic Biology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Forensic biology is the marriage of biological sciences and the law. The
extensive use of biological evidence has had a significant bearing on
the course of law enforcement investigations in criminal and civil court
proceedings. This course will introduce students to some of the basic
concepts in forensic biology. Students should expect graphic imagery
associated with actual forensic cases.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5141G.

BIOL 5142 Molecular Biotechniques
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Highlights modern discoveries in molecular genetics and their application
in today’s world. In addition to the body of facts associated with molecular
methodology, the course will introduce students to experimental
techniques such as PCR, electrophoresis, restriction enzyme digest
analysis, and DNA sequencing.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5142G.

BIOL 5148 Human Genetics
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Basic principles of Mendelian inheritance and molecular genetics are
applied to a systematic review of human disorders. Included are disorders
of blood, connective tissue, muscles, lysosomes, lipoproteins, transport
membrane and mechanisms, amino acid metabolism and the immune
system. Special attention is given to diseases caused by chromosomal
abnormalities. Sex determination, genetic markers, gene mapping and
population genetics are also covered.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5148G.

BIOL 5150 Cancer Biology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to carcinogenesis with an emphasis on the genetic,
molecular, and cellular mechanisms regulating cancer initiation,
progression, and metastasis.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5150G.

BIOL 5160 Plant Physiology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Physiologic processes occurring in plants and the conditions which affect
these processes.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134 and BIOL
2120 or BIOL 3535.
Cross Listing(s): BIOL 5160G.

BIOL 5200 Mammalian Physiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
General physiologic processes of mammals.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5200G.

BIOL 5230 Comparative Animal Physiology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
A study of the physiology of animals within a comparative and integrative
context. Selected topics include animal movement, circulation, respiration,
osmoregulation, nervous and endocrine function and energetic
metabolism. Laboratory will reinforce lecture content through inquiry-based
activities.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5230G.

BIOL 5237 Physiological Ecology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines how physiological adaptations of animals and plants to abiotic
environmental factors (e.g., temperature, salinity, moisture, ultraviolet
radiation) contribute to the understanding of local species diversity,
biogeographic patterns, and habitat exploitation. Emphasis is placed on
how physiological function (e.g., osmoregulation, thermoregulation, gas
exchange, energy use) interfaces with ecology and evolutionary biology.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5237G.

BIOL 5239 Neurobiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the mechanisms of neural responses, neural integration,
neural development, and environmental effects on developing mature
nervous systems.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5239G.

BIOL 5240 Histology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Examines the origin, development, structure and function of vertebrate
tissues.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5240G.
BIOL 5241 Comparative Vertebrate Anatomy
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
A comparative and functional study of the morphological systems of vertebrates. Laboratory emphasizes dissection of representative vertebrate groups.
Cross Listing(s): BIOL 5241G.

BIOL 5242 Developmental Biology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
This course is an introduction to the principles of animal and plant development. The focus is on how male and female gametes fuse to form a zygote and how a single-celled zygote develops into an animal with multiple organs with specialized function. This course will cover the molecular and cellular mechanisms involved in fertilization and early embryonic development, molecular signaling involved in development of organs and organ systems, the concept of stem cells and regeneration, and cellular and molecular signaling mechanisms in plant development. Students will see the fundamental conservation of molecular and cellular mechanisms across animals and plants during development as an important example of evolution.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5242G.

BIOL 5243 Toxicology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
An introduction to the principles of toxicology with a focus on the toxicology of aquatic organisms. Topics include risk assessment, regulatory toxicology, mutagenesis, teratology, and toxicology of the nervous and reproductive systems.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5243G.

BIOL 5246 Human Pathophysiology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
A selective survey of causes and effects of disease in humans at the molecular, cellular, and systemic level. Selected topics include cellular malfunctions, altered cell environments, cancer biology, and the pathophysiology of the nervous, endocrine, cardiovascular, pulmonary, and renal organ systems.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5246G.

BIOL 5247 Endocrinology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
A study of endocrine mechanisms, including their evolution and importance at various levels of biological organization.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5247G.

BIOL 5248 Immunology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
A detailed study of the mammalian immune system emphasizing the experimental basis of current immunological theories. Topics include antigen antibody interactions, organization and expression of immunoglobulin genes, complement, major histocompatibility complex, antigen processing and presentation, and generation of humoral and cellular immune responses.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5248G.

BIOL 5250 Limnology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of the physical, chemical, and biological aspects of lakes and the interrelationships of all three domains of life involved in nutrient and energy cycling in these ecosystems.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5250G.

BIOL 5260 Invasive Species
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Ecological and economic consequences of invasive, non-native species with topics that include the history of introductions, ecological and evolutionary processes, and the control and prevention of biological invasions.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5260G.

BIOL 5333 Emerging Diseases
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of the epidemiology of emerging and re-emerging human diseases throughout the world, but with emphasis on the situation in North America. New and resurging diseases caused by prions, viruses, bacteria, protozoa, fungi, arthropods, and helminths will be discussed, including some vector-borne and tropical diseases.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5333G.

BIOL 5340 Plant Pathology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
A broad introduction to representative common plant diseases and disorders with emphasis on diagnoses, causes, epidemiology, and methods of control.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134; and BIOL 2120 or BIOL 3535.
Cross Listing(s): BIOL 5340G.

BIOL 5341 Parasitology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
A study of the general principles of parasitism, with emphasis on morphology, classification, identification, and life cycles of parasites of vertebrates.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5341G.

BIOL 5343 Medical-Veterinary Entomology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
An intensive study of the role of arthropods in the transmission, dissemination and causation of diseases of humans and animals. Topics include identification of vector arthropods and associated diseases, ecology, and control.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5343G.

BIOL 5345 Systematic Biology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Introduces the principles and methods of biosystematics. Speciation, bio-nomenclature, hierarchical taxonomic categories, systematic characters, molecular systematics, and phylogenetic analyses are discussed. Laboratories involve use of modern molecular techniques and computational analysis with a variety of software packages.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5345G.

BIOL 5346 Agroecology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Agroecology provides the theoretical and conceptual framework for sustainable agriculture with an emphasis on underlying environmental factors, crop plants and animals. Topics include biotic and abiotic factors influencing biodiversity, interaction and stability of agroecosystems, organic farming, agroforestry, energy-use in agriculture and ways to transition towards sustainability.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134; and BIOL 2120 or BIOL 3535.
Cross Listing(s): BIOL 5346G.
BIOL 5347 Fisheries Biology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Examines the principles and practices of fisheries management and fish conservation, built on a foundation of biology, ecology, and fisheries science, with an emphasis on freshwater North American species and environments. Laboratory emphasizes applied methods for collection, analysis, and interpretation of fisheries data. Field trips are required.
Prerequisite(s): BIOL 3131, BIOL 3133, BIOL 3134.
Cross Listing(s): BIOL 5347G.
BIOL 5400 Barrier Island Ecology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Covers the abiotic and biotic environment, flora, and fauna of coastal barrier island habitats with a focus on Georgia's barrier islands. Topics may include geological history, coastal processes, and ecological communities of barrier island habitats. Current threats and current and future coastal management techniques will be discussed.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5400G.
BIOL 5431 Virology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the biology of viruses, with emphasis on viral diversity, virus-host interactions, viral diseases of humans, animals and plants and uses of viruses in medicine, research and biotechnology.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5431G.
BIOL 5432 Deep Sea Environments
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the current knowledge about hydrothermal systems in terms of their deep-sea environment and their geological and chemical makeup. Emphasis is placed on studying symbiotic relationships, reproductive biology, larval dispersal, thermal tolerances, sulfide and sensory adaptations by organisms found in non-vent, vent, and cold seep environments.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5432G.
BIOL 5441 Mycology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Broad introduction to various taxonomic groups of Fungi, emphasizing morphology, taxonomy, evolution, physiology, and economic importance. Selected mycologic diseases and symbiotic relationships in nature will be explored.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5441G.
BIOL 5442 Entomology
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Examines the phylogeny, morphology, life history and ecology of insects. Identification of local species will be emphasized. Field trips required.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5442G.
BIOL 5443 Plant Taxonomy
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
This course teaches the identification and taxonomy of the vascular plants, with an emphasis on the southeastern United States. Lectures, laboratories, and field trips cover the evolution, classification, identification, collection, and preservation of vascular plants.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134; and BIOL 2120 or BIOL 3535.
Cross Listing(s): BIOL 5443G.
BIOL 5444 Ichthyology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Emphasizes the systematics, evolution, biology, ecology and behavior of recent and extinct fishes. Laboratory emphasizes the identification, morphology, and natural history of fishes. Field trips required.
Cross Listing(s): BIOL 5444G.
BIOL 5445 Herpetology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Examines the phylogeny, morphology, life history and ecology of reptiles and amphibians. Field identification of local species will be emphasized. Field trips required.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5445G.
BIOL 5446 Ornithology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
A comprehensive study of the biology of birds. Lectures will emphasize the evolution, classification, structure, physiology, behavior, and ecology of birds. Laboratories will give hands-on experience with bird morphology, and field trips will emphasize finding and identifying birds in their natural habitats.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5446G.
BIOL 5448 Mammalogy
4 Credit Hours. 0.4 Lecture Hours. 0.3 Lab Hours.
Course examines the classification, evolution, distribution and life histories of mammals. The laboratory includes identification and preparation of specimens and development of field techniques. Field trips required.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5448G.
BIOL 5460 Phycology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Evolution, morphology, physiology, and ecology of the microalgal and macroalgal species found in marine and freshwater environments, with field trips to a selection of local habitats.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5460G.
BIOL 5470 Marine Pollution
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Covers current federal and Georgia environmental laws and regulations, coastal ecological concepts, and techniques used for remediation of environmental degradation.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5470G.
BIOL 5500 Bioinformatics and Biotechnology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Utilization of databases and software for the analysis of DNA and protein information. Production of products and services using biological materials.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5500G.
BIOL 5520 Epigenetics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The molecular mechanisms that change gene expression without changing DNA sequence will be explored. Emphasis will be placed on the effect of histone modification and DNA methylation on phenotype and genome function. The ramifications of molecular epigenetic mechanisms on ecology, evolution, and human health will be discussed.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5520G.
BIOL 5530 Wildlife Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the principles and practices used to manage wildlife populations. The emphasis is on populations of importance to humans, particularly game animals. Students will explore the factors, both biotic and abiotic, that influence wildlife populations and how these factors can be managed to sustain game and nongame wildlife populations.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5530G.
BIOL 5534 Conservation Biology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores the causes and consequences of the loss of biodiversity, as well as methods for conserving rare species and ecosystems.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 5537 Biogeography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the distributional patterns of animals and plants from the perspectives of vicariance biogeography and organismal dispersal. One field trip required.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.

BIOL 5541 Tropical Marine Biology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
This is an intensive 2-week field course conducted at a tropical marine field station. Through daily lectures and field excursions, students are exposed to the natural history and ecology of a variety of marine organisms and ecosystems that may include mangroves, sea grasses, rocky shores and coral reefs. Additional fees required.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134 and permission of instructor.
Cross Listing(s): BIOL 5541G.

BIOL 5542 Aquatic Ecology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Covers the biological and physiochemical factors that affect common organisms found in local aquatic ecosystems, including streams and rivers, wetlands, estuaries, and lakes.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5542G.

BIOL 5543 Biological Field Experience
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
A field expedition involving biological investigations of a major ecosystem or natural area. Expeditions normally require 2-5 weeks in the field, depending upon the destination and the type of travel required. Additional fees required.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134 and permission of instructor.
Cross Listing(s): BIOL 5543G.

BIOL 5546 Plant Ecology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Examines fundamental principles and major conceptual issues in plant ecology. Students will learn about the distinctive and often unique ways in which plants interact with the abiotic and biotic components of their environment, and how these factors affect the abundance and distribution of plants.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134; and BIOL 2120 or BIOL 3535.
Cross Listing(s): BIOL 5546G.

BIOL 5547 Marine Ecology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Course stresses ecological processes and adaptations that act to structure coastal associations and permit their persistence through time. The course provides a background for students interested in research in the marine sciences. Students will learn to develop good statistical designs and use various techniques to collect data in marine ecology. Several field trips are required.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5547G.

BIOL 5570 Stream Ecology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Advanced study of the structural (physical and biological) and functional (energy and nutrients) characteristics of stream and river habitats. Students will explore topics including watershed, litter processing, food webs, nutrient spiraling, ecosystem metabolism, the river continuum concept, and the flood pulse concept.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5570G.

BIOL 5644 Insect Ecology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
Examines the basic principles of ecology as they apply to insects. The ecology of insects will be investigated at the level of individuals, populations, communities and ecosystems. Emphasis will be placed on how insects interact with, and have evolved unique adaptations to, their abiotic and biotic environment.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5644G.

BIOL 5645 Behavioral Ecology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores how evolution and ecology shape behavior. Selected topics may include habitat use and movement patterns, trophic interactions, and inter- and intraspecific communication. Content will be covered through traditional lecture, examination of classic and modern literature, and applied problem solving or case study exercises.
Prerequisite(s): BIOL 3131 and BIOL 3133 and BIOL 3134.
Cross Listing(s): BIOL 5645G.

BKin Birth to Kindergarten

BKin 1200 Introduction to Early Childhood Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course serves as a comprehensive introduction for teacher candidates to the field of early childhood education covering the span of birth-age eight. Content will include an introduction to developmentally appropriate practices, various curricular approaches, and teaching strategies, the assessment of children’s learning, the importance of play in the lives of young children, as well as an examination of local and national early childhood standards. Candidates will be introduced to various professional organizations and the National Association of the Education of Young Children’s (NAEYC) Code of Ethical Conduct and Statement of Commitment.

BKin 2200 Health, Safety, and Wellness in Early Childhood
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course emphasizes the importance of a healthy and safe environment for young children. Attention will be paid to both the physical and psychological environments in which children engage. Topics discussed will include infectious disease control, injury and accident prevention, chronic health care conditions, child abuse and neglect, child/family stress, and proper meal planning and nutrition. Upon successful completion of this course, teacher candidates will have the opportunity for certification in Basic First Aid and CPR for infants and young children.

BKin 3140 International Approaches of Early Care & Learning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Utilizing a global view, this course examines early care and education for infants and young children in international settings including countries in Asia, Africa, Europe, Central and South America, Australia and North America. Candidates will explore the diversity of prenatal care, parenting, family practices, and international child welfare issues.
Prerequisite(s): Admission into Teacher Education Program.
BKin 3320 Social Studies and Social/Emotional Competence in Early Childhood Programs
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this course, teacher candidates will learn to plan and teach developmentally appropriate social studies activities for children in birth through kindergarten settings. An emphasis will be placed on foundational social studies concepts including the family, people and community, and history and events. Teacher candidates will also examine the social and emotional development of diverse children in birth through kindergarten settings. This content will include self-regulation, a sense of self, and a sense of self with others.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in BKin 3720 or BKin 3730.

BKin 3330 Science, Technology, Engineering & Mathematics in Early Childhood Programs
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the content areas of science, engineering and mathematics and the developmentally appropriate planning and teaching of such curricula to children in birth through kindergarten settings. Particular attention will be paid to the ways in which technology can enhance teaching and learning. Teacher candidates will be introduced to various standards related to the STEM content areas and issues of gender and racial equity in STEM content areas.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in BKin 3720 or BKin 3730 and Admission into BKin Education Program.

BKin 3340 Art, Music & Motor Development in BK Programs
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Teacher candidates will learn to plan developmentally appropriate art, music and movement activities for children in birth through kindergarten settings. Topics studied will include principles of physical development, the creative process, and movement exploration, and the ways in which influences art, music, and movement for young children.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in BKin 3720 or BKin 3730 and Admission into BKin Education Program.

BKin 3710 Guiding Children's Behavior and Practicum
4 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Utilizing a developmental approach, this course serves as an in-depth study of children's behavior, social/emotional development, and classroom management strategies useful to early childhood learning environments. Topics discussed include both direct and indirect strategies to appropriately manage behavior, models for understanding challenging behaviors, children's motivation, and the impact of implicit bias on behavior management. Teacher candidates will also engage in self-reflection and will develop their own philosophy of child guidance.
Prerequisite(s): Admission into the Teacher Education Program.

BKin 3720 Infant & Toddler Methods and Practicum
4 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This class is designed to provide the knowledge and skills necessary to teach children ages six weeks through 36 months in developmentally appropriate and culturally responsive ways. Participation in an intensive 60-hour, hands-on field experience in selected infant/toddler classrooms is required. Lesson plan development, implementation, and assessment of infants and toddlers will be addressed. Candidates will learn how to effectively work with diverse infants and toddlers including those with developmental delays and English-language learners.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in BKin 3320 or BKin 3330 or BKin 3340 and Admission into the Teacher Education Program.

BKin 3730 Preschool & Pre-Kindergarten Methods and Practicum
4 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This class is designed to provide the knowledge and skills necessary to teach children ages 3 to 8 years of age in developmentally appropriate and culturally responsive ways. Participation in an intensive 60-hour, hands-on field experience in selected preschool, prekindergarten and kindergarten classrooms is required. Lesson plan development, implementation, and assessment of 3-8 year olds will be addressed. Candidates will learn how to effectively work with diverse groups of children including those with developmental delays and English-language learners.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in BKin 3320 or BKin 3330 or BKin 3340 and Admission into the Teacher Education Program.

BKin 4160 Organization and Administration of Early Childhood Programs
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the organizational and management principles and practices of high quality early childhood environments. Particular attention will be paid to the state laws, rules, and regulations of early childhood programs and national accreditation standards affecting these programs.
Prerequisite(s): Admission into the BKin Education Program.

BKin 4250 Assessment of Children in Early Childhood Programs
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to the various forms of assessment in early childhood programs. Content includes assessments of the early childhood environment, teacher-child interactions, and children's development. Candidates will also be introduced to the process of observation, documentation and other assessment methods as well as the use of assistive technology, and the critical role of families in the assessment process.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in BKin 3720 or BKin 3730 and Admission into the BKin Education Program.

BKin 4710 Preplanning
0 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This practicum experience is designed to provide the teacher candidate with meaningful opportunities to observe, actively engage in classroom activities, and teach in a supervised PK-K setting. This experience builds upon prior content knowledge and requires the application of new knowledge of teaching, learning, and assessing through increased field hours.
Prerequisite(s): Admission into the Teacher Education Program.

BKin 4798 Year-Long Clinical Pt. 1 and seminar
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This practicum experience is designed to provide the teacher candidate with meaningful opportunities to observe, actively engage in classroom activities in a supervised PK-K setting. This experience builds upon prior content by further developing planning, instruction, and assessment of diverse learners through increased field hours. Candidates will meet as a class to unpack and reflect upon their classroom experiences.
Prerequisite(s): Admission into the Teacher Education Program.

BKin 4799 Year-Long Clinical Pt. 2 and seminar
12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course serves as the semester-long student teaching experience. Teacher candidates are guided by a clinical supervisor as the candidate gradually assumes increasing responsibility for the classroom instruction and management. During this experience, candidates are expected to engage directly in many of the activities that constitute the wide range of teacher's assigned duties. The candidate will also assume the full responsibility of the clinical supervisor for a minimum of four weeks. Candidates will meet as a class to unpack and reflect upon their classroom experiences.
Prerequisite(s): Admission into the Teacher Education Program.
BUSA Business Administration

BUSA 1105 Introduction to Business
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey course that acquaints beginning college students with the major institutions and practices in the business world, provides an understanding of basic business concepts, and presents a view of career opportunities that exist in business.
Prerequisite(s): Freshman and Sophomore standing only.

BUSA 1131 Financial Survival Skills
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An overview of the issues relating to managing your finances throughout your life. Attention will be given to career planning, budgeting, credit cards, loans, lease vs. purchase for automobiles and housing, saving for retirement and risk management with insurance.

BUSA 3083 Business Abroad
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The focus of this course is an international study abroad. The study abroad is designed to develop students' understanding of international cultures and of conducting business in an international arena. The course prepares students for their trip by requiring activities such as coordinated lectures, assigned readings, and a research paper aligned with each student's major.
Prerequisite(s): BBA status, Junior standing and Minimum of 2.0 GPA.

BUSA 3131 Foundations of Business Analytics I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This introductory course covers basic concepts and techniques of business statistics including descriptive statistics, probability & probability distributions, and statistical inference. Emphasis will be on the interpretation of statistical analysis and how these techniques apply to and can be used in cross-disciplinary business analytics applications. Students will learn problem solving using both traditional methods and computer-based analytical tools such as Excel. Real business data and examples will be used whenever possible.
Prerequisite(s): A minimum grade of "C" in CISM 2530, and (MATH 1232 or MATH 1441 or MATH 1112 or MATH 1113 or a minimum grade of "B" in MATH 1111).

BUSA 3132 Foundations of Business Analytics II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on a selection of models commonly used in business analytics including simple and multiple regression analysis, time series analysis and forecasting, decision theory, and optimization models. Cross disciplinary business analytics applications are emphasized in this course. Students will learn to apply business analytics models to solve business problems using computer-based tools such as Excel Solver and Excel Data Analysis. Real business data and examples will be used whenever possible.
Prerequisite(s): A minimum grade of "C" in BUSA 3131.

BUSA 3610 Research Seminar
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
This seminar style course is designed to acquaint COBA Honors students with the scientific method and how it is used in business to advance knowledge of the business disciplines. In this course, students will examine the various options for the Honors Thesis/Capstone Project in COBA. With the assistance of the COBA Honors Advisory Council and keeping in mind the personal and professional aspirations articulated in the Honors Business Philosophy Seminar taken the previous semester, the course will culminate with each student selecting an honors thesis topic and a thesis faculty advisor. Students will create an Honors Thesis Proposal and an Honors Thesis Completion Action Plan as part of the course.

BUSA 3620 Business Seminar
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
This seminar style course is designed to allow students to explore the principles of effective business leadership through readings, discussions, in-depth interactions with business leaders, and corporate visits. Students will explore how the principles of positive psychology and servant leadership can be merged in the creation of high functioning work teams. The course will include significant coverage of leadership styles, factors that influence life satisfaction, business ethics, and sustainability. The course will culminate with each student writing a personal description of their individual business philosophy and professional goals. This course will be a lead-in to the next course in the sequence (the COBA Honors Thesis Research Seminar) in which students will design a capstone experience that will help them advance toward their individual goals.

BUSA 4131 Strategic Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The major purpose of this course is to develop an understanding of the strategic management process and enable students to integrate the functional areas of business.
Prerequisite(s): A minimum grade of "C" in all of the following: BUSA 3132, FINC 3131, OSCM 3430, MKTG 3131 and MGNT 3130.

BUSA 4133 Predictive Analytics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers the basic statistical concepts required for business analytics. The course covers but is not limited to outlier detection, MVA, reliability, multiple linear regression, logistic regression, regression diagnostics, discriminant analysis, factor analysis, cluster analysis and MANOVA. The course will provide instruction in and utilize advanced statistical software.
Prerequisite(s): A minimum grade of "C" in BUSA 3131.

BUSA 4134 Business Analysis Models
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will cover, but will not be limited to, time series forecasting techniques including SARIMA, Monte Carlo simulation, decision theory, linear, integer, goal and non-linear programming. The focus will be on formulation of models and interpretation of results rather than on the underlying theory. A combination of software packages will be used including utilization of software. Emphasis will be placed on the decision making process and analysis of business problems.
Prerequisite(s): A minimum grade of "C" in BUSA 3132.

BUSA 4700 Cooperative Education
0 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
An opportunity to gain work experience related to academic major, begin the career decision-making process and earn money for educational expenses. This is accomplished through the Cooperative Education Program. The co-op is coordinated administratively by the Office of Career Services. Salaries and benefits are determined by the employer and normally increase as the program proceeds. Board and lodging are the responsibility of the student. An S/U grade is assigned for each work assignment on the basis of the employer's evaluation only.

BUSA 4790 Internship in Business
3-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A supervised work-study program in selected business firms throughout the southeast.
Prerequisite(s): junior standing, and good academic standing (minimum cumulative GPA is 2.0).

BUSA 4830 Special Topics in Business
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A customized course that is under the direction of a faculty sponsor. Designed to offer students an opportunity to pursue studies at a level or on topics not covered in scheduled courses. The scope and nature of the material covered is determined in consultation with faculty sponsor.
BUSA 4930 Undergraduate Research Practicum
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides the opportunity to pursue research within the business disciplines under faculty direction. It is expected that students in this course will produce a research paper that is accepted for presentation at an academic conference and/or accepted for publication in a peer-reviewed academic journal.
Prerequisite(s): Approval of Director of COBA Undergraduate Research.

CENG Civil Engineering

CENG 1133 Engineering Graphics for Civil and Construction Engineers
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course addresses the basic skills of engineering drawings with manual and computer aided design tools. Topics include the use of engineering and architectural scales, multiple views and projections, 2D drawings using AutoCAD, and introduction of Civil3D and Revit.

CENG 1731 Civil Engineering Computations
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course serves as an introduction to the civil and construction engineering programs, with an emphasis on civil and construction engineering computations. Use of contemporary computing tools and methodologies, and acceptable technical reporting of data as appropriate to civil and construction engineering applications are also introduced.
Prerequisite(s): Minimum grade of "C" or concurrent enrollment in MATH 1441.

CENG 2131 Civil Engineering Fluid Mechanics
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course covers basic concepts of fluid mechanics, and the fundamentals and applications of ideal and real fluid flow. Topics include fluid statics, conservation principles, the Bernoulli equation, fluid flow in pipes, fluid flow measurement devices, open channel flow, and basic hydraulic structures.
Prerequisite(s): A minimum grade of "C" in ENGR 2231.

CENG 2231 Surveying
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Principles of the level, theodolite, electronic distance measurement (EDM), total station and global positioning systems, taping, note keeping, coordinate geometry, control surveys, triangulation, trilateration, plane coordinate systems, azimuth and topographic mapping. Laboratory includes use of level, theodolite, EDM, total station, GPS, traverse closure, level net closure, topographic mapping, measuring distances and heights using coordinate geometry calculations.
Prerequisite(s): A minimum grade of "C" in MATH 1112 or MATH 1113 or MATH 1441 and CENG 1133 or ENGR 1133 or TCM 1232.
Cross Listing(s): TCM 2233.

CENG 3131 Introduction to Environmental Engineering
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
The course is an introduction to environmental engineering. Topics include a review of the role of the United States Environmental Protection Agency (EPA) in environmental protection, mass balance, rainfall and runoff analysis, basic surface water and groundwater hydrology, water quality management, municipal solid waste and hazardous waste management, and air pollution control.
Prerequisite(s): A minimum grade of "C" in CHEM 1310.

CENG 3132 Introduction to Water and Wastewater Treatment
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
The course is an introduction to water and wastewater treatment. Topics include sources and characteristics of water and wastewater, treatment standards, selection of different water and wastewater treatment processes, design principles for treatment units in water and wastewater treatment plants, and standard laboratory tests used to control the operation of water and wastewater treatment plants.
Prerequisite(s): A minimum grade of "C" in CENG 2131 and CENG 3131.

CENG 3135 Construction Cost Control and Finance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces the long-term contract methods for recognizing revenue and their impact on construction company financial statements. The course also covers the analysis of construction company financial statements and their use in developing budgets, project cash needs, pricing construction projects, and forecasting the impact of business decisions on profit. The project cost control and the contract delivery methods are also discussed, along with ethical guidelines for professional conduct and code of ethics.
Prerequisite(s): A minimum grade of "C" in ECON 2105.

CENG 3232 Soil Mechanics
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course is an introduction to soil mechanics, including an investigation of the mechanical and physical properties of soils and the relation to soil action in problems of engineering such as soil composition, index properties, classification, exploration, compaction, permeability, stress distribution, consolidation, settlement, shear strength, bearing capacity, and lateral earth pressure.
Prerequisite(s): A minimum grade of "C" in ENGR 3233.

CENG 3233 Civil Engineering Materials
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Introduction to materials science and basic engineering properties of common civil engineering materials including metals, soils, aggregates, Portland cement concrete, asphalt binder and asphalt concrete, wood, and masonry. Written and oral communication skills are an important part of this course.
Prerequisite(s): A minimum grade of "C" in ENGR 3233.

CENG 3311 Fluid Mechanics Lab
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
The laboratory includes measurement of water properties including specific weight and dynamic viscosity, use of the Bernoulli equation, pressure measurement, flow rate measurement on a pipe, open channel flow, calibration of flow-measuring, head loss in piping systems, and characteristics of centrifugal pumps.
Corequisite(s): ENGR 3235.

CENG 3331 Structural Analysis
3 Credit Hours. 3 Lecture Hours. 1 Lab Hour.
This course investigates the behavior of common structural systems under various loading conditions. The course focuses on the accurate analysis of statically determinate trusses, beams and frames and uses approximate methods to analyze indeterminate frames. The calculation of deflections and the effects of moving loads are also considered.
Prerequisite(s): A minimum grade of "C" in ENGR 3233 and prior or concurrent enrollment in MATH 3230.

CENG 3333 Reinforced Concrete Design
3 Credit Hours. 0.3 Lecture Hours. 0.1 Lab Hours.
Course covers characteristics of concrete materials; introduction to ACI Building Code requirements for reinforced concrete; endurance design of slabs, beams, columns and footings.
Prerequisite(s): A minimum grade of "C" in CENG 3331.
CENG 4133  Transportation Systems  
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.  
Overview of transportation engineering with respect to traffic operation and transportation planning, including mainly highway. Emphasis on design and traffic control devices with considerations of economy, safety, and environment. Laboratory involves data measurement and analysis techniques associated with transportation engineering using probability.  
Prerequisite(s): A minimum grade of "C" in CENG 2231 and MATH 3337.

CENG 4135  Highway Design  
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.  
This course provides an introduction to highway design based on conventional constraints including: vertical and horizontal geometry, traffic, safety, drainage, economic, and human factors.  
Prerequisite(s): A minimum grade of "C" in CENG 2231 or TCM 2233.

CENG 4232  Foundation Design  
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.  
Introduction to foundation design methods, including shallow foundations, slope stability, pile foundation, and retaining walls.  
Prerequisite(s): A minimum grade of "C" in CENG 3232.

CENG 4331  Structural Steel Design  
3 Credit Hours. 0.3 Lecture Hours. 0.1 Lab Hours.  
Course includes characteristics of structural steel; introduction to AISC Load and Resistance Factor Design (LRFD) specifications; design of tension members, columns, beams, beam-columns, and connections.  
Prerequisite(s): A minimum grade of "C" in CENG 3331.

CENG 4518  Introduction to Senior Project  
1 Credit Hour. 0.1 Lecture Hours. 0.2 Lab Hours.  
This course is the first component of the senior project series of two courses designed to aid the students in successful completion of the capstone project required for the civil engineering curriculum. This first course introduces students to contemporary civil engineering considerations and professional engineering practice in a global, economic, environmental, and societal context. The course prepares students to function on multi-disciplinary teams while completing preliminary tasks required for the senior project. The importance of lifelong learning and professional licensure is also addressed.  
Prerequisite(s): A minimum grade of "C" in CENG 3333 or CENG 4331 and Senior standing.

CENG 4539  Senior Project  
3 Credit Hours. 0. Lecture Hours. 6 Lab Hours.  
This course is designed to be the culmination of the undergraduate civil engineering education experience. The course draws together diverse elements of the Civil Engineering curriculum to provide an integrating experience and to develop competence in focusing both technical and nontechnical skills in solving problems. The senior project course involves design and analysis of a new or modified civil engineering project or system with demonstrated feasibility.  
Prerequisite(s): A minimum grade of "C" in CENG 4518 and approval of Department Chair.

CENG 4730  Experiential Learning in Civil and Construction Engineering - COOP  
3 Credit Hours. 0. Lecture Hours. 0 Lab Hours.  
This course provides an opportunity for Civil and Construction Engineering students to participate in Experiential, Cooperative Education, and receive practical work experience with a pre-approved Civil and Construction Engineering employer. A minimum total of 400 documented contact hours of employment per work assignment with the selected employer are required for course credit.  
Prerequisite(s): Completion of CENG 2231 or TCM 2233.

CENG 4890  Special Problems in Civil Engineering  
1-4 Credit Hours. 1-3 Lecture Hours. 0-2 Lab Hours.  
This course provides for specialized study in the area of Civil Engineering not otherwise covered by the CE program.  
Prerequisite(s): As determined by instructor.

CENG 5090  Selected Topics in Civil Engineering  
1-3 Credit Hours. 0-3 Lecture Hours. 0-6 Lab Hours.  
This course is scheduled on an infrequent basis to explore special areas in civil engineering.  
Prerequisite(s): Permission of Instructor.  
Cross Listing(s): CENG 5090G.

CENG 5133  Water Supply and Wastewater Collection Systems  
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.  
This course covers water supply and wastewater collection systems. Topics include basic hydraulics, major and minor head losses, pipes in series and parallel, water distribution network analysis, design of water supply distribution systems, sanitary sewer collection systems, and storm sewer collection systems.  
Prerequisite(s): A minimum grade of "C" in CENG 3132 or permission of instructor.  
Cross Listing(s): CENG 5133G.

CENG 5136  Watershed Management  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course provides an introduction to the field of watershed management from an Environmental Engineering perspective. The course covers a wide range of topics that describe the most important aspects of watershed management including watershed assessment and the processes that control water quality in an urban and rural watershed. Fundamentals principles of environmental and water resources engineering will be used to understand the processes that control the transport and fate of pollutants in a watershed. The same principles will be used to develop processes and management practices to improve the water quality in watersheds. Topics addressed include: water quality regulations; physical, chemical, and biological processes affecting that rate and transport of pollutants to surface waters; nonpoint source pollution (NPS); and best management practices among others. The course is intended for seniors and graduate students who want to gain more experience in the area of Environmental Engineer and Water Resources.  
Prerequisite(s): A minimum grade of "C" in CENG 3131 or Instructor Approval.  
Cross Listing(s): CENG 5136G.

CENG 5137  Engineering Hydrology and Hydraulics  
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.  
This course integrates concepts developed in Fluid Mechanics with fundamental hydrologic and hydraulic processes used in the analysis and design of urban drainage, flood control, and measurement structures. Hydrology topics include the hydrologic cycle, precipitation, hydrograph analysis, evapotranspiration, runoff, and flood routing. Hydraulics topics include open channel flow, hydraulic design, pump classification, pump and system curves, and water/wastewater pumping stations.  
Prerequisite(s): A minimum grade of "C" in CENG 2131 or permission of instructor.  
Cross Listing(s): CENG 5137G.

CENG 5138  Water and Sanitation for International Development  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course addresses the design of small-scale, low cost systems for drinking water supply and wastewater disposal. Topics include surface water intakes, wells, storage tanks, water distribution systems, water quality testing, septic tanks, leach fields, and oxidation ponds. The course emphasizes on-site data collection methods, practical issues of design, and project sustainability.  
Prerequisite(s): Minimum grade of "C" in CENG 2131.  
Cross Listing(s): CENG 5138G.
CENG 5139  Advanced Water and Wastewater Treatment  
3 Credit Hours. 0,2 Lecture Hours. 0,2 Lab Hours.  
The course covers advanced water and wastewater treatment processes  
necessary for designing and managing modern drinking water and  
and wastewater treatment plants. Topics include ion exchange, ozonation,  
adsorption, membrane, Biological Nutrients Removal (BNR), Membrane  
Biological Reactor (MBR), disinfection, sludge treatment and disposal,  
wastewater reclamation and reuse, and effluent disposal.  
Prerequisite(s): A minimum grade of "C" in CENG 3132 or permission of instructor.  
Cross Listing(s): CENG 5139G.

CENG 5231  Pavement Analysis and Design  
3 Credit Hours. 0,2 Lecture Hours. 0,2 Lab Hours.  
This course provides an introduction to different approaches to pavement  
analysis and design, including flexible and rigid pavement design,  
preservation, rehabilitation, and management.  
Prerequisite(s): A minimum grade of "C" in CENG 3232 and CENG 3233 or permission of instructor.  
Cross Listing(s): CENG 5231G.

CENG 5232  Foundation Design  
3 Credit Hours. 0,2 Lecture Hours. 0,2 Lab Hours.  
This course provides an introduction to foundation design methods,  
including shallow foundations, slope stability analysis, pile foundations,  
and retaining walls.  
Prerequisite(s): A minimum grade of "C" in CENG 3232 or permission of instructor.  
Cross Listing(s): CENG 5232G.

CENG 5234  Asphalt Mix Design  
3 Credit Hours. 0,2 Lecture Hours. 0,2 Lab Hours.  
This course is an introduction to contemporary materials and engineering  
properties of asphalt binders, modified binders, and asphalt mixtures  
including: modern binder and mixture specifications, mix design systems and  
test methods.  
Prerequisite(s): A minimum grade of "C" in CENG 3233 or permission of instructor.  
Cross Listing(s): CENG 5234G.

CENG 5331  Advanced Structural Analysis  
3 Credit Hours. 0,3 Lecture Hours. 0,1 Lab Hours.  
This course covers the analysis of statically indeterminate structures.  
Classical methods, such as the slope-deflection and moment distribution  
techniques are presented. The course additionally covers the matrix-based  
stiffness method of analysis for indeterminate trusses, beams, and frames.  
Prerequisite(s): A minimum grade of "C" in CENG 3331 and MATH 2331 and ENGR 1731 or permission of instructor.  
Cross Listing(s): CENG 5331G.

CENG 5332  Prestressed Concrete Design  
3 Credit Hours. 0,2 Lecture Hours. 0,1 Lab Hours.  
This course introduces students to the design of common prestressed  
concrete elements. It presents historical developments, the properties of  
constituent materials, prestress losses, and the design of prestressed  
structural members to support flexural and shear loadings.  
Prerequisite(s): A minimum grade of "C" in CENG 3333 or permission of instructor.  
Cross Listing(s): CENG 5332G.

CENG 5333  Advanced Reinforced Concrete Design  
3 Credit Hours. 0,3 Lecture Hours. 0,3 Lab Hours.  
This course presents advanced design topics not covered in the first  
reinforced concrete course. Examples of those topics are foundation  
elements, slender columns, two-way slabs, shear walls and earthquake-  
resistant structures.  
Prerequisite(s): A minimum grade of "C" in CENG 3333.  
Cross Listing(s): CENG 5333G.

CENG 5334  Advanced Structural Steel Design  
3 Credit Hours. 0,3 Lecture Hours. 0,1 Lab Hours.  
Develop skills in structural steel design and analysis beyond those taught  
in the basic steel design course. This course covers the behavior and  
design of advanced components used in steel structures, such as flexural  
members with slender webs ("plate girders"), composite beams, and  
beam-to-column connections and also framing systems for seismic design.  
Prerequisite(s): A minimum grade of "C" in CENG 4331.  
Cross Listing(s): CENG 5334G.

CENG 5335  Structural Dynamics  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course covers topics related to the response of structures subjected  
to various dynamic loading conditions. Examples of topics discussed  
include undamped and damped single degree-of-freedom systems,  
response of one-degree-of freedom system to harmonic loading and  
general dynamic loading, response spectra, free and forced vibration  
of shear buildings, and dynamics analysis of beams and frames.  
Graduate students will be required to complete individual advanced  
level assignments in an area beyond the scope of the undergraduate  
requirements that demonstrate a higher level of mastery in the subject  
matter with additional required deliverables representative of graduate  
level work, as determined by the instructor.  
Prerequisite(s): A minimum grade of "C" in ENGR 2232 and CENG 5331 or CENG 5331G, or permission of instructor.  
Cross Listing(s): CENG 5335G.

CENG 5336  Introduction to Finite Elements  
3 Credit Hours. 0,1 Lecture Hours. 0,4 Lab Hours.  
This course provides an introduction to the Finite Element Method  
focusing on the analysis of common structural components encountered in  
civil engineering discipline utilizing a commercial FEA software package.  
The course covers key FEA principles and procedures associated with  
linearly behaving static structural members modeled using a variety of  
appropriate two-dimensional and three-dimensional elements.  
Prerequisite(s): A minimum grade of "C" in MATH 2160 and CENG 3331 or permission of instructor.  
Cross Listing(s): CENG 5336G.

CENG 5337  Advanced Strength  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course covers advanced topics related to the strength of materials.  
Examples of topics discussed include analysis of stresses and strains,  
two-dimensional elasticity problems, classical failure theorems, bending  
of symmetrical and asymmetrical beams, torsion of prismatic bars,  
and application of energy methods for analyzing structural members.  
Graduate students will be required to complete individual advanced  
level assignments in an area beyond the scope of the undergraduate  
requirements that demonstrates a higher level of mastery in the subject  
matter with additional required deliverables representative of graduate  
level work, as determined by the instructor.  
Prerequisite(s): A minimum grade of "C" in CENG 5331 or CENG 5331G, or permission of instructor.  
Cross Listing(s): CENG 5337G.
CENG 5338 Theory of Elasticity
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers advanced topics related to the application of the theory of elasticity in analyzing structural and solid members. Examples of topics discussed include introduction to elasticity and solid mechanics principles and theorems, plane stress and plane strain analysis, formulation of two-dimensional problems in rectangular and polar coordinates, analysis of stress and strain in three-dimensions, and elasticity in three dimensions. Graduate students will be required to complete individual advanced level assignments in an area beyond the scope of the undergraduate requirements that demonstrates a higher level of mastery in the subject matter with additional required deliverables representative of graduate level work, as determined by the instructor.
Prerequisite(s): A minimum grade of "C" in CENG 5331 or CENG 5331G, or permission of instructor.
Cross Listing(s): CENG 5338G.

CENG 5339 Theory of Elastic Stability
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers topics related to buckling of various structural members. Examples of topics discussed include elastic buckling of bars and frames, inelastic buckling of bars, torsional buckling, lateral buckling of beams, and buckling of rings, curved bars and arches. Graduate students will be required to complete individual advanced level assignments in an area beyond the scope of the undergraduate requirements that demonstrates a higher level of mastery in the subject matter with additional required deliverables representative of graduate level work, as determined by the instructor.
Prerequisite(s): A minimum grade of "C" in CENG 5331 or CENG 5331G, or permission of instructor.
Cross Listing(s): CENG 5339G.

CENG 5431 Advanced Surveying
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Principles of field astronomy, GPS surveys, control surveys, State Plane Coordinate Systems, photogrammetry, volume determination, route surveying (horizontal and vertical curvature) and an introduction to Geographical Information Systems. Laboratory includes: GPS for control, coordinate system transformations, survey boundary development, topography survey, and roadway alignment.
Prerequisite(s): A minimum grade of "C" in CENG 2231 or departmental consent.
Cross Listing(s): CENG 5431G.

CENG 5432 Introduction to GIS in Surveying-Geomatics and Transportation
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
An introduction to the knowledge and skill requirements of Geographic Information Systems (GIS) as applied to surveying-geomatics and transportation. Students will learn and apply GIS and cartographic concepts to develop problem solutions in surveying mapping & thematic mapping and to manipulate geo-referenced spatial information as required in typical industry applications.
Prerequisite(s): Minimum grade of "C" in CENG 5331 or CENG 5331G, or permission of instructor.
Cross Listing(s): CENG 5432G.

CENG 5433 Drainage & Erosion Control
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Principles and practices of drainage design including drainage structures, stormwater quality and erosion & sediment control measures, with particular emphasis on governmental publications and regulations.
Prerequisite(s): A minimum grade of "C" in CENG 5137 or CENG 5137G or departmental consent.
Cross Listing(s): CENG 5433G.

CENG 5434 Surveying History & Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of the legal aspects of surveying, including boundary law and the surveyor's rights and responsibilities, with particular emphasis on surveying practice in Georgia.
Prerequisite(s): A minimum grade of "C" in CENG 2231 or departmental consent.
Cross Listing(s): CENG 5434G.

CENG 5435 Introduction to Terrestrial LiDAR
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course presents a thorough introduction to terrestrial light detection and ranging (LiDAR) or laser scanning and its multiple applications. It includes the use of selected state-of-the-art, ground-based, instruments and their corresponding data collection and processing software packages to generate 3D point-cloud models.
Prerequisite(s): Approval of the Instructor.
Cross Listing(s): CENG 5435G.

CENG 5436 Introduction to Close-Range Photogrammetry
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course presents a thorough introduction to close-range photogrammetry and its multiple applications in Civil and Construction Engineering. It includes the use of selected, state-of-the-art, unmanned aerial vehicles and associated data collection and processing software packages to generate 3D spatial models.
Prerequisite(s): Approval of the Instructor.
Cross Listing(s): CENG 5436G.

CENG 5438 Surveying-Geomatics Professional Practice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course prepares the student for professional practice as a Land Surveyor and includes subdivision design, site layout including associated drainage and sewer design, application of zoning and land use regulations, professional ethics, associated business practices, plating and CAD/computer methods.
Prerequisite(s): A minimum grade of "C" in CENG 5431 and CENG 5434 or departmental consent.
Cross Listing(s): CENG 5438G.

CHEM Chemistry

CHEM 1010 Essentials of Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Quantitative survey of chemical sciences emphasizing applications in human physiology, clinical chemistry, inorganic, organic, and biochemistry. Experimental principles illustrated with class-room demonstrations. (Credit in CHEM 1010 may not be applied to the major field requirement in chemistry.)
Prerequisite(s): Completion of MATH 1001 or MATH 1111 or MATH 1113 or MATH 1161 or MATH 2072.

CHEM 1030 Chemistry and Your World
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces students to the many ways in which chemistry affects their lives. Topics include plastics, nutrition, drug design and the many aspects of environmental chemistry. Decision-making activities related to real-world societal issues will help develop critical thinking skills.

CHEM 1040 Chemistry and the Environment
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
Students will study the fundamental aspects of chemistry in its political, economic, social, and international context. The laboratory will be a primary component of the course in that some of the course material will be first experienced in the laboratory. The laboratory will stress experimental design and data analysis as applied to environmental science.
CHEM 1151K Survey of Chemistry I
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
First course in a two-semester sequence covering elementary principles of general, organic and biochemistry designed for allied health professions majors. Topics to be covered include elements and compounds, chemical equations, nomenclature, and molecular geometry. Laboratory exercises supplement the lecture material.

CHEM 1152K Survey of Chemistry II
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Second course in a two-semester sequence covering elementary principles of general, organic and biochemistry designed for allied health professions majors. Laboratory exercises supplement the lecture material. 
Prerequisite(s): A minimum grade of "C" in either CHEM 1151K or CHEM 1212K.

CHEM 1211 Principles of Chemistry I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
First course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. 
Prerequisite(s): A minimum grade of "C" in MATH 1111 or placement eligibility for a higher math course (MATH 1112, MATH 1113, MATH 1114), and prior or concurrent enrollment in CHEM 1211L.

CHEM 1211K Principles of Chemistry I
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
First course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. Laboratory exercises supplement the lecture material. 
Prerequisite(s): A minimum grade of "C" in MATH 1111 or placement eligibility for a higher math course.

CHEM 1211L Principles of Chemistry I Laboratory
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
Laboratory exercises supplement the lecture material of CHEM 1211. 
Prerequisite(s): Prior or concurrent enrollment in CHEM 1211.

CHEM 1212 Principles of Chemistry II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Second course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. 
Prerequisite(s): A minimum grade of "C" in CHEM 1211L, or CHEM 1211K or prior or concurrent enrollment in CHEM 1212L.

CHEM 1212K Principles of Chemistry II
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Second course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Laboratory exercises supplement the lecture material. 
Prerequisite(s): A minimum grade of "C" in either CHEM 1211K, or CHEM 1211 and CHEM 1211L.

CHEM 1212L Principles of Chemistry II Laboratory
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
Laboratory exercises supplement the lecture material of CHEM 1212. 
Prerequisite(s): A minimum grade of "C" in CHEM 1211L. 
Corequisite(s): CHEM 1212.

CHEM 1310 Comprehensive General Chemistry
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Fundamental laws and theories of chemical reactions. Topics include atomic structure, bonding, theory, stoichiometry, properties of matter; chemical thermodynamics, electrochemistry and kinetics. Prior completion of a high school chemistry course is highly recommended.

CHEM 2099 Special Topics in Chemistry
4 Credit Hours. 0-3 Lecture Hours. 0-3 Lab Hours.
Course taught on a special topic in chemistry on a one-time basis. 
Prerequisite(s): Permission of instructor.

CHEM 2100 Analytical Chemistry
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
The study of modern quantitative determination methods, including volumetric and gravimetric analyses, equilibrium calculations, and acid/base chemistry, as well as the fundamental theory of chromatography, spectroscopy, and electrochemistry. 
Prerequisite(s): A minimum grade of "C" in either CHEM 1212K or CHEM 1212 and CHEM 1212L.

CHEM 2400 Fundamentals of Organic Chemistry and Biochemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamentals of organic chemistry applied to the major biochemical pathways. Course designed for allied health majors. (Credit may not be applied to the major field requirement in chemistry.) 
Prerequisite(s): A minimum grade of "C" in CHEM 1212K or CHEM 1212 and CHEM 1212L.

CHEM 2900 Principles of Chemistry Research
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A course designed to develop basic research and laboratory skills in chemistry majors. Skills to be covered include literature and scientific writing, scientific ethics, report writing, presentation skills, waste handling, chemical labeling, SDS sheets, and appropriate use of common equipment. Additional topics to be covered include career options for chemists and resume/interviewing skills. 
Prerequisite(s): A minimum grade of "C" in either CHEM 1212K, or CHEM 1212 and CHEM 1212L.

CHEM 3000 Special Topics in Chemistry
5 Credit Hours. 0-3 Lecture Hours. 0-6 Lab Hours.
An intensive study in a specialized field of chemistry. Provides an in-depth look at an area of special interest which is not a part of the standard coursework in chemistry. 
Prerequisite(s): Permission of instructor required.

CHEM 3010 Scientific Glassblowing
2 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
Develops the fundamental glassblowing skills required for the construction of glassware used in scientific investigations. 
Prerequisite(s): Junior standing and science major required.

CHEM 3100 Instrumental Analysis
4 Credit Hours. 0.4 Lecture Hours. 0.3 Lab Hours.
The study of modern spectroscopy and chromatography methods. The spectrophotometric methods to be covered may include mass spectrometry, ultraviolet/visible spectroscopy, fluorescence spectroscopy, atomic spectroscopy, infrared spectroscopy and raman spectroscopy. The chromatographic methods to be covered may include gas chromatography, liquid chromatography, supercritical fluid chromatography, thin-layer chromatography and capillary zone electrophoresis. Students may not receive credit for both CHEM 3100 Instrumental Chemistry and BCHM 3100 Bioinstrumental Chemistry. 
Prerequisite(s): A minimum grade of "C" in CHEM 2100.
CHEM 3300 Inorganic Chemistry
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Introduces students to a broad overview of modern inorganic chemistry. Included are considerations of molecular symmetry and group theory, bonding and molecular orbital theory, structures and reactivities of coordination compounds, organometallic chemistry, catalysis and transition metal clusters. Laboratory experiences will include the measurement of several important features of coordination compounds, such as their electronic spectra and paramagnetism, as well as the synthesis and characterization of organometallic compounds. Majors may not receive credit for both CHEM 3300 Inorganic Chemistry and BCHM 3310 Bioinorganic Chemistry.
Prerequisite(s): A minimum grade of "C" in CHEM 3402 and CHEM 2100.
Corequisite(s): CHEM 3300L.

CHEM 3401 Organic Chemistry I
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Introduces the fundamental concepts of structure and reactivity of organic compounds. Topics covered include the chemistry of alkanes, alkyl halides, alkenes, and alcohols, as well as the concepts of reaction mechanisms, stereochemistry and spectroscopy of organic compounds.
Prerequisite(s): A minimum grade of "C" in either CHEM 1212K or CHEM 1212 and CHEM 1212L.

CHEM 3402 Organic Chemistry II
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
A continuation of CHEM 3401 focusing on alkanes, aromatic compounds, aldehydes, ketones, amines, and carboxylic acids and their derivatives. Emphasizes the synthetic and mechanistic aspects of these compounds and will continue the study of spectroscopy of organic compounds.
Prerequisite(s): A minimum grade of "C" in CHEM 3401.

CHEM 3410 Introduction to Molecular Modeling
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the use of computational chemistry models and their application to chemical research. Topics include the computational methods and model chemistries, single-point energy calculations, geometry optimizations, relative energies and stabilities, calculations of NMR chemical shifts, and vibrational frequency calculations among other topics.
Prerequisite(s): A minimum grade of "C" in CHEM 3401.

CHEM 3501 Chemical Kinetics and Thermodynamics
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Introduces students to modern chemical structure elucidation using spectroscopic techniques. Details of multi-nuclear one dimensional NMR spectra are discussed in depth, detailing both the background behind the techniques and their use in determining chemical structure. Multi-nuclear two-dimensional NMR spectra are used introduced as well, as well as the use of Fourier Transform IR spectroscopy and UV-Vis region spectroscopy.
Prerequisite(s): A minimum grade of "C" in CHEM 3402.

CHEM 3502 Introduction to Quantum Chemistry
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
A development of quantum chemistry and its application in a number of relevant areas. Covers atomic structure, molecular structure, molecular spectroscopy, and statistical mechanics.
Prerequisite(s): A minimum grade of "C" in CHEM 2100 and MATH 2242 and PHYS 2212K.

CHEM 3700 Teaching Internship in Chemistry
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Student internship in the laboratory component of CHEM 1040 (Chemistry and the Environment) under the mentorship of a faculty member. The student will participate in an introductory workshop immediately prior to the start of the semester, intern in the CHEM 1040 laboratory and meet with the faculty mentor one hour each week. One credit hour per laboratory section of CHEM 1040 in which the student interns.
Prerequisite(s): Permission of the instructor and one of the following: CHEM 2900 or CHEM 3401.

CHEM 3901 Chemical Research
1-3 Credit Hours. 0 Lecture Hours. 3-9 Lab Hours.
Faculty-originated chemical lab-based research project. Written report. Open to transient students only with permission of the Dean of Arts and Sciences at AASU and the student’s home college.

CHEM 4050 Ethical Issues in Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will explore the ethical issues of science integrity and responsibility that have confronted the scientific community in the past and today as it relates to research practices and its impact on the public domain.
Prerequisite(s): A minimum grade of "C" in CHEM 3402.

CHEM 4110 Advanced Spectroscopy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces students to modern chemical structure elucidation using spectroscopic techniques. Details of multi-nuclear one dimensional NMR spectra are discussed in depth, detailing both the background behind the techniques and their use in determining chemical structure. Multi-nuclear two-dimensional NMR spectra are used introduced as well, as well as the use of Fourier Transform IR spectroscopy and UV-Vis region spectroscopy.
Prerequisite(s): A minimum grade of "C" in CHEM 3402 and CHEM 2100.

CHEM 4120 Electrochemical Analysis
3 Credit Hours. 0.3 Lecture Hours. 0 Lab Hours.
Theory and practice of modern electrochemical methods of analysis. These methods include potentiometry, coulometry, voltammetry, computer simulation and other modern forms of electrochemical analysis.
Prerequisite(s): A minimum grade of "C" in CHEM 2100.

CHEM 4130 Industrial Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will provide an overview of the chemical industry. In addition to providing a basic understanding of the top 50 industrial chemicals, their manufacturing processes, and raw materials sources, the course will also cover the origin and manufacture of basic petroleum feed stocks and petrochemicals; catalysis; pulp and paper chemistry; polymers and plastics; adhesives, sealants, and glues; agricultural chemistry; pharmaceutical chemistry; and selected topics of importance to the industry.
Prerequisite(s): A minimum grade of "C" in CHEM 3300.

CHEM 4140 Principles of Chemical Separations
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
This course will examine theories, and models of separation with applications to the analyses of a wide range of chemical, biological, and environmental samples. Topics include high-resolution gas chromatography and high-performance liquid chromatography. Emphasis is on the theory of reverse-phase, normal-phase, ion-exchange, size-exclusion, and affinity-based separations. Instrumentation such as detectors, pumps, and columns, and data acquisition and analysis are also presented.
Prerequisite(s): A minimum grade of "C" in CHEM 2100.
CHEM 4150 Chemometrics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course will cover application of mathematical and statistical techniques for the analysis of complex chemical data set and to support experimental design.
**Prerequisite(s):** A minimum grade of "C" in CHEM 3402 and CHEM 3100.

CHEM 4160 Forensic Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to forensic chemistry, which may include utilization of physical evidence in law enforcement, processing a crime scene, the application of chemistry principles to the identification and analysis of physical evidence, toxicology, microscopy, and aspects of arson.
**Prerequisite(s):** A minimum grade of "C" in CHEM 3402 and CHEM 3100.

CHEM 4210 Biotechnology and Biocatalysis
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces principles and techniques in biotechnology. The biotechnology topics will be used to study the past, present, and future of biocatalysis.
**Prerequisite(s):** A minimum grade of "C" in BCHM 5201.
**Cross Listing(s):** BCHM 4210.

CHEM 4220 Chemistry of Biofuels
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces the principles of fuels and biofuels. It will also cover the latest in biochemistry and biotechnology and apply this knowledge to current research in biofuels.
**Prerequisite(s):** A minimum grade of "C" in BCHM 5201.
**Cross Listing(s):** BCHM 4220.

CHEM 4310 Polymer Materials
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will introduce the world of polymer materials, which have become ubiquitous in daily life. The course will cover how polymers are synthesized and characterized, the unique properties of polymers, and how polymer materials are used. Important concepts on polymer structure, molecular weight and its distribution, glass transition, and amorphous versus crystalline state will be introduced.
**Prerequisite(s):** A minimum grade of "C" in CHEM 3401.

CHEM 4320 Green Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on understanding the basic principles of green chemistry and applying them to make organic reactions and processes environmentally benign. Other course topics will include the study of the earth and its atmosphere, the concept of atom economy, catalysis, and enzyme catalysis, as well as green reaction media and the use of various renewable energy sources in organic reactions.
**Prerequisite(s):** A minimum grade of "C" in CHEM 3402.

CHEM 4330 Solid State Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is an introductory course in solid state chemistry. It will cover synthesis, structure-property relationships and common characterization techniques for solid materials. The lab component will cover select syntheses and characterization techniques of extended solids, focusing on Single crystal and Powder X-ray diffraction structure determinations, and Rietveld Refinement techniques.
**Prerequisite(s):** A minimum grade of "C" in CHEM 3300 and CHEM 3100.

CHEM 4340 Materials Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will be an introduction to materials chemistry, with emphasis on the interdisciplinarity of material research. It will overview various classes of materials, including synthesis and characterization, their structural and physical properties, and how those properties relate to their potential applications.
**Prerequisite(s):** A minimum grade of "C" in CHEM 3300 and CHEM 3402.

CHEM 4410 Food Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores the chemistry associated with the production and processing of food. Includes an examination of the primary literature.
**Prerequisite(s):** A minimum grade of "C" in CHEM 3402.

CHEM 4510 X-ray Crystallography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Diffraction and crystal structure with identification from single crystal and powder patterns. Lattice parameters and crystal orientation.
**Prerequisite(s):** A minimum grade of "C" in CHEM 2100 and CHEM 3402.

CHEM 4790 Chemistry Internship
1-4 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Intended primarily for students who plan to seek employment in the chemical industry after graduation rather than going on to graduate or professional studies, this course will provide students with practical experience in industry and business. Students will secure employment on their own, earning academic credit and possible compensation, and gain practical experience and technical training. Students must complete a minimum of 120 hours of on-site work for each credit hour earned.

CHEM 4900 Chemical Research Experience
1-4 Credit Hours. 0 Lecture Hours. 3-12 Lab Hours.
An independent research experience in which a student will investigate a research problem under the direction of a faculty member. All laboratory.
**Prerequisite(s):** Permission of instructor required.

CHEM 4990 Independent Study
1-3 Credit Hours. 1-3 Lecture Hours. 3-9 Lab Hours.
Supervised individual research or study.

CHEM 5110 Environmental Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the current environmental issues and the underlying chemistry associated with them, including stratospheric chemistry, air pollution, global climate change, toxic organic chemicals, natural water systems, soil chemistry, and energy production.
**Prerequisite(s):** A minimum grade of "C" in CHEM 2100 and CHEM 3402.
**Cross Listing(s):** CHEM 5110G.

CHEM 5110G Environmental Chemistry
1-3 Credit Hours. 1-3 Lecture Hours. 3-9 Lab Hours.
Supervised individual research or study.

CHEM 5110 Environmental Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the current environmental issues and the underlying chemistry associated with them, including stratospheric chemistry, air pollution, global climate change, toxic organic chemicals, natural water systems, soil chemistry, and energy production.
**Prerequisite(s):** A minimum grade of "C" in CHEM 2100 and CHEM 3402.
**Cross Listing(s):** CHEM 5110G.

CHEM 5410 Advanced Organic Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A course designed to build upon the knowledge gained in CHEM 3401 (Organic I) and CHEM 3402 (Organic II). Topics covered may include considerations of structural and mechanistic organic chemistry, synthetic organic chemistry and bioorganic chemistry.
**Prerequisite(s):** A minimum grade of "C" in CHEM 3402.
**Cross Listing(s):** CHEM 5410G.

CHEM 5420 Principles of Drug Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A course designed to introduce the chemistry of drug design and development, as well as drug actions and their impacts on society. Topics include drug discovery, receptor site theory, neurotransmitters, pharmacokinetics, federal drug laws, drugs in sports and individual classes of drugs.
**Prerequisite(s):** A minimum grade of "C" in CHEM 3402.
**Cross Listing(s):** CHEM 5420G.
CHEM 5430 Carbohydrate Chemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides students with an introduction to the chemistry of carbohydrates. Topics include structural aspects, stereochemistry, synthesis, conformational analysis, polysaccharides, and vaccine
development.  
Prerequisite(s): A minimum grade of "C" in CHEM 3402.  
Cross Listing(s): CHEM 5430G.

**CHFD Child and Family Devel**

CHFD 1131 Introduction to Family Science
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on scientific research about relationship and families across the life course. The primary objective of the course is to acquire a practical understanding of the processes of relationship and family development and a firm grounding in the concepts, facts, theories, and issues in research on them.

CHFD 2130 Family Economic Environment
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the consumer in American society, management of family resources, legal protection and consumer responsibility in the marketplace.  
Prerequisite(s): CHFD majors only.

CHFD 2135 Child Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course emphasizes development from conception through the first six years. Students will review research, theory, and practice that contribute to the developmental trajectory of young children, utilizing a whole child approach.

CHFD 2136 Intro to Family Services
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to provide students with an interdisciplinary approach to the understanding of family services in a multicultural society. The human services profession is multifaceted and family service is one component of the multidisciplinary field. Students will become familiar with historical and theoretical orientations of the profession; the types and delivery of human services to children, adolescents, adults, and families; skills and functions of human service workers; and community resources.  
Prerequisite(s): A minimum grade of "C" in CHFD 1131.

CHFD 2137 Lifespan Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the development of human beings from conception to the end of life. Attention is paid to the multiple social and cultural contexts within which such development occurs. Theories of human development and methods for studying development across the lifespan are also examined.

CHFD 3130 Research Methods
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the basic techniques and methods of research is presented which enables students to effectively read, understand, and critique research, particularly as it pertains to the field of child and family development.  
Prerequisite(s): A minimum grade of "C" in CHFD 1131 and CHFD 2135.

CHFD 3131 Birth to 5 Methods
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Focusing on the characteristics of young children (6 weeks - 5 years), this course teaches students how to put developmental theory into practice in a group care setting. Utilizing the Georgia Southern University Child Development Center, students will conduct observations and plan developmentally appropriate activities during their semester-long laboratory experience. Students are required to register for two laboratory sections, one preschool and one infant/toddler, along with the course.  
Prerequisite(s): A minimum grade of "C" in CHFD 2135 and a completion of criminal background check and fingerprinting procedure.

CHFD 3133 Diversity in Human Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course helps students understand the variability in human development. Students will be challenged to think critically while seeking to understand similarities and differences among people. Students will be encouraged to examine their multiple identities to develop greater awareness of how culture of origin influences their lived experiences.  
Prerequisite(s): A minimum grade of "C" in CHFD 1131 and CHFD 2135.

CHFD 3135 Youth Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course reviews research, theory, and practice as they relate to the physical, cognitive, language, aesthetic, and social and emotional development of children ages 6 to 18 years. Emphasis will be on current issues that relate to these years and planning and implementing developmentally appropriate youth programming. Service-learning hours required.  
Prerequisite(s): A minimum grade of "C" in CHFD 1131 and CHFD 2135.

CHFD 3136 Adult Development and Later Life
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to give students an understanding of the factors that affect individuals and families from emerging/young adulthood through late adulthood. Theories and current research on the physical, cognitive, and psychosocial development of adults is provided. Additional topics include changes in family function and structure, research methodologies, contemporary issues in adult development, and successful aging across the adult years. Service Learning hours required.  
Prerequisite(s): A minimum grade of "C" in CHFD 1131.

CHFD 3137 Introduction to Child Life
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A holistic, family centered-approach to the psychosocial and healthcare needs of hospitalized and chronically ill children ages birth to 18 years. This course includes content that will prepare students for certification as child life specialist. Service-learning hours are required.  
Prerequisite(s): A minimum grade of "C" in CHFD 1131 and CHFD 2135.

CHFD 3139 Parent Education and Guidance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An understanding of how parents teach, guide, and influence children and adolescents as well as the changing nature, dynamics, and needs of the parent/child relationship across the lifespan.  
Prerequisite(s): A minimum grade of "C" in CHFD 1131 and CHFD 2135.

CHFD 3232 Sexuality in Human Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will provide an understanding of the physiological, psychological, and social aspects of sexual development throughout the lifespan. This class will focus on providing theory, knowledge, research, and multiple perspectives surrounding sexual behaviors.  
Prerequisite(s): A minimum grade of "C" in CHFD 1131 and CHFD 2135.
CHFD 3234  Young Children with Special Needs  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course focuses on promoting the optimal development of young children with special needs in inclusionary settings. Building on a foundation of child development and the components of high quality early childhood programs, learners investigate needs which delay or modify the course of a child’s development. The course offers an introduction to educational and intervention policies, programs, practices and services appropriate for infants, toddlers, and preschoolers who exhibit delays and disabilities. This course includes observation and application in off-campus education sites.  
Prerequisite(s): A minimum grade of “C” and prior or concurrent enrollment in CHFD 2131.

CHFD 3235  Therapeutic Benefits of Play in Child Life  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course will focus on therapeutic aspects and learning objectives of play, using current theory, research, and developmentally appropriate practice. Theories, principles and values of play in child and adolescent development will be discussed. Therapeutic activities for children and youth coping with health issues will be discussed and demonstrated.  
Prerequisite(s): A minimum grade of “C” in CHFD 1131 and CHFD 2135.

CHFD 4090  Selected Topics in Child and Family Development  
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.  
Scheduled on an infrequent basis to explore new research and emerging knowledge in Child and Family Development. This course will carry a subtitle.  

CHFD 4130  Administration of Programs for Children and Youth  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course examines management and leadership principles as they apply to the administration of programs for children and youth. Topics include fiscal management, personnel management, licensure and accreditation, family engagement, marketing and public relations, and assessment and evaluation of programs.  
Prerequisite(s): A minimum grade of “C” in CHFD 1131, CHFD 2135, CHFD 3131.

CHFD 4131  Teaching Preschool  
3 Credit Hours.  0.2 Lecture Hours.  0.5 Lab Hours.  
This course focuses on planning and implementing a developmentally appropriate, integrated curriculum for children ages 3 to 6 in preschool classrooms. Curriculum planning is organized by developmental domains and themes. Students will observe and participate in the Georgia Southern University Child Development Center preschool classrooms. Students are required to register for one preschool lab section.  
Prerequisite(s): A minimum grade of “C” in CHFD 1131, CHFD 2135, CHFD 3131.

CHFD 4132  Death and Bereavement across the Lifespan  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course will cover death and bereavement across the lifespan. Students will use theoretical and research-based information to explore end of life within individual and family contexts. Topics include death at different stages throughout the lifespan, grief and bereavement processes, legal aspects and diverse perspectives and rituals of death and dying.  
Prerequisite(s): A minimum grade of “C” in CHFD 1131.

CHFD 4133  Programming and Evaluation for Family Services  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course emphasizes programming and evaluation across family and human service agencies. Topics will include nonprofit and government management needs assessment, program evaluation, and leadership skills.  
Prerequisite(s): A minimum grade of CHFD 1131, CHFD 2135, CHFD 2136.

CHFD 4134  Family Life Education  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is an introduction to the theoretical, ethical, and methodological issues in family life education. Utilizing research and professional practice, students will learn to develop, implement, and evaluate applied educational programs and products that address issues of individuals and families across the lifespan.  
Prerequisite(s): A minimum grade of “C” in CHFD 1131, CHFD 2135, CHFD 3139.

CHFD 4135  Parenting: Fam Child Int.  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The structure, function, and process of parenting are explored. An emphasis is placed on understanding characteristics of parents and parenting behavior and their consequences on children and parent-child relationships.  

CHFD 4136  Assessment of Children  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course involves the assessment of development and learning of infants, children, and youth. A variety of tools and techniques will be used. Participation and collaboration as a team member is emphasized.  
Prerequisite(s): A minimum grade of “C” in CHFD 1131, CHFD 2135, CHFD 3131.

CHFD 4138  Professional Development  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course addresses essential workplace professional skills and ethical practice in careers related to Child and Family Development. An emphasis is placed on verbal and written communication skills, interview skills, job and internship placements, employment laws, application and utilization of ethical codes, and overall professionalism in the work setting.  
Prerequisite(s): A minimum grade of “C” in CHFD 1131, CHFD 2135, CHFD 3131, CHFD 3133, CHFD 3135, CHFD 3136, CHFD 3139.

CHFD 4150  Families, Schools, and Community Partnerships  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course examines the relationship between families, schools and the communities in which they exist. Specific attention is paid to the variety of ways to support diverse families (eg. racial/ethnic/cultural, religious, economic, language, structural). Topics explored include but are not limited to family-school involvement, collaboration and partnership, theoretical perspectives related to families, families within the political context, and family strengths and stress.  
Prerequisite(s): A minimum grade of “C” in all of the following: CHFD 1131, CHFD 2135, CHFD 3131, CHFD 3139.

CHFD 4237  Legal and Public Policies Affecting Families  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course examines legal and public policies that affect families. Students will apply research, theory and developmentally appropriate knowledge to address contemporary public policy topics affecting families across the life span. Social policies will be analyzed from individualistic and familial perspectives to explore their impact on family processes.  
Prerequisite(s): A minimum grade of "C" in CHFD 1131 and CHFD 2135 and CHFD 2136.

CHFD 4238  Child Life Practice in Healthcare  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is designed to foster the proficiency of the individuals pursuing a career in child life. Preparation that provides a theoretical and practical base for students will allow them to build a foundation of knowledge in the core competencies of child life. Through observation and interaction, the student will gain a working knowledge of how children and families are affected by illness and hospitalization.  
Prerequisite(s): A minimum grade of C in CHFD 1131, CHFD 2135, CHFD 2136, and CHFD 3137.
**CHFD 4790 Internship in Child and Family Development**
9-12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The CHFD internship is a supervised experience in the Child and Family Development field where the intern employs the knowledge base acquired in their course work. Students must have a 2.5 GPA to apply to intern. The internship site is selected by the student after consulting with faculty and must be approved by the internship committee. Students enrolled in the program must comply with regulations required by the internship site and CHFD best practices. Interns must complete all components and required hours of the internship to receive a passing grade in the course. Interns will work full-time at the internship site for the entire semester.
Prerequisite(s): A minimum grade of "C" in CHFD 1131, CHFD 2135, CHFD 2130, CHFD 3131, CHFD 3133, CHFD 3135, CHFD 3136, CHFD 3139, CHFD 4138.

**CHFD 4899 Directed Individual Study**
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor.
Prerequisite(s): Permission of Instructor.

**CHIN Chinese**

**CHIN 1001 Elementary Chinese I**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
For students who have never studied Chinese. Focus on basic communication skills (understanding, speaking, reading, and writing Chinese) and cultural understanding. Includes laboratory program.

**CHIN 1002 Elementary Chinese II**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continued focus on basic communication skills (understanding, speaking, reading, writing Chinese) and cultural understanding, with increased emphasis on active use of the language. Includes laboratory program.
Prerequisite(s): A minimum grade of "C" in CHIN 1001.

**CHIN 2001 Intermediate Chinese I**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course builds upon communication skills (understanding, speaking, reading, and writing Chinese) and cultural understanding which is developed at the elementary level.
Prerequisite(s): A minimum grade of "C" in CHIN 1002.

**CHIN 2002 Intermediate Chinese II**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continued building upon proficiency skills (speaking, writing, listening, and reading) and cultural understanding. Focus on development of the ability to create with the language, to resolve simple situations, and to ask and answer questions. After completing this course, successful students should be prepared to function minimally in a Chinese-speaking environment and to take CHIN upper-division courses.
Prerequisite(s): A minimum grade of "C" in CHIN 2001.

**CHIN 3030 Selected Topics in Chinese**
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Selected topics in Chinese.
Prerequisite(s): A minimum grade of "C" in CHIN 2002.

**CHIN 3185 Studies Abroad: Speaking I**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in oral communications in Chinese using materials that are appropriate for building on intermediate-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in CHIN 2002.

**CHIN 3385 Study Abroad: Writing I**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in written communications in Chinese using materials that are appropriate for building on intermediate-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in CHIN 2002.

**CHIN 4185 Studies Abroad: Speaking II**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in oral communications in Chinese using materials that are appropriate for building on advanced-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in CHIN 2002.

**CHIN 4385 Studies Abroad: Writing II**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in written communications in Chinese using materials that are appropriate for building on advanced-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in CHIN 2002.

**CISM Computer Information Systems**

**CISM 1110 Computer Applications**
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Provides lecture and detailed instruction in application software using word-processing, spreadsheets, database and presentation software.
Corequisite(s): CISM 1120.

**CISM 1120 Computer Concepts**
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Provides an introduction of computer concepts and the evolution of computers in society. Lecture topics include computer system components, data representation & storage, software & multimedia, computer architecture, data communications & network configuration, data security & privacy, viruses, ethic, email, Internet, and the computer marketplace.

**CISM 1130 Computers and Applications**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides a survey and instruction in the use of modern systems and applications software routinely used in personal, academic, and organizational computing. The purpose of the course is to aid students in becoming familiar and proficient in using common software and Internet tools. The topics address a wide variety of software available to manage personal computers; create, format, edit, convert, acquire, distribute and manage various PC and Internet file types; use and manage Web-based communications like email, FTP, IM, Chat and Blogs; effectively and efficiently use the Internet to search, acquire, research and manage Web-based content, data, and information; use established informational Web-sites for research. Other topics include PC and Internet security and risks, and recent developments in technologies and software that affect the typical computer user. This course is not a substitute for either CISM 1110, CISM 1120, or CISM 2530.

**CISM 2030 Introduction to Business Programming**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an overview of fundamental Information Systems concepts and career opportunities. Students are introduced to the characteristics of business process, enterprise systems, and SAP ERP. Students use the Alice 3D visual programming environment and Java standard edition software to learn fundamental object oriented programming concepts.

**CISM 2230 Advanced Java**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course extends the fundamental principles of object-oriented programming using Java as our tool. The focus of this class is on advanced applications development. Topics include: objects, classes, inheritance, interfaces, GUI components, layout managers, events, multimedia, exception handling, and I/O files.
Prerequisite(s): A "C" or better in CSCI 1236 (or equivalent) and a solid understanding of data types, control structures, and algorithm design.
CISM 2530 Advanced Business Applications  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course will provide students with hands-on experience in creating advanced business applications using spreadsheet and database management system (DBMS) tools. Advanced topics in word-processing and presentation tools will also be explored.

CISM 3131 Management Information Systems  
3 Credit Hours.  2 Lecture Hours.  2 Lab Hours.  
An overview of the utilization of information technology in business organizations to support managerial decision making and to provide competitive advantage. This course will address the evolution of information and information technology as corporate assets, how information technology is reshaping organization structures and work processes, how it is changing business relationships among organizations, and emerging information technologies expected to significantly impact business operations in the years ahead.  
Prerequisite(s): A minimum grade of "C" in all of the following: CISM 2530 and ACCT 2101 or ACCT 2030 and Sophomore standing.

CISM 3133 Database Management  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An applied study of business databases, their design, and implementation. The focus of the course is on application development with fourth generation systems. Applications using a third generation host language and application generators are used to demonstrate concepts and techniques.  
Prerequisite(s): A minimum grade of "C" in CISM 2530 and Junior standing.

CISM 3134 Enterprise Infrastructure and Security  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An overview of the technology and management of the components that comprise today's enterprise IT infrastructure, including its hardware, software, and networks. The course covers network architecture and protocols for the Internet including mobile and cloud computing, and discusses the pertinent security considerations.

CISM 3135 Enterprise Systems Analysis and Design  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is an introduction to traditional and object-oriented analysis and design methods to solve business problems. Students will apply data and process modeling techniques to analyze the existing enterprise systems. The physical design will be performed by designing a customization to existing enterprise systems.  
Prerequisite(s): A minimum grade of "C" in CISM 2530, CISM 3133, CISM 3333 and Junior standing.

CISM 3237 Visual Basic.Net Windows and Web Applications Programming  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course introduces students to Visual Basic.Net which is a leading edge object oriented programming language that integrates with .Net platform to provide a programming component for Windows applications, as well as Internet and World-Wide-Web applications. The student will be exposed to and learn topics related to object oriented programming, strings, graphics, graphical-user-interface components, exception handling, multithreading, multimedia (audio, images, animation and video), file processing, prepackaged data structures, database processing, Internet and World-Wide-Web based client/server networking and distributed computing.  
Prerequisite(s): CISM 2230.

CISM 3331 Principles of Enterprise Information Systems Security  
3 Credit Hours.  0.2 Lecture Hours.  0.1 Lab Hours.  
An introduction to the various policy, administration, management, and technical aspects of information systems security across the enterprise. This course provides the foundation for understanding key policies and issues associated with protecting information assets; designing a consistent, reasonable information security system; identifying alternatives for determining the necessary levels of protection; and developing and administering appropriate responses to security incidents. Included are design issues for appropriate intrusion detection, disaster incidents, and reporting for various enterprise networking infrastructures.  
Prerequisite(s): A minimum grade of "C" in CISM 3134.

CISM 3333 ERP Systems Using SAP  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Focuses on Enterprise Planning (ERP) using SAP R/3. Students will spend computer intensive time navigating in SAP and completing SAP lab assignments. Currency in ERP developments by subscribing to Internet newsletters on ERP or SAP developments is required. Students will also be required to complete a major ERP project and give a presentation on important recent ERP developments.  
Prerequisite(s): A minimum grade of "C" in ACCT 2101 or ACCT 2030.

CISM 4135 Project Management and Development  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The course focuses on principles and processes of project management, specifically as they relate to the development of information systems to solve business problems. The fundamentals of organizational behavior, systems theory and systems dynamics, as well as the important components of project management such as planning, organizing, directing, and controlling are covered. In addition, team building and working with others is emphasized to improve efficiency and effectiveness. The students will have an opportunity to work with current Project Management software tools to emphasize the application of these concepts.  
Prerequisite(s): A minimum grade of "C" in CISM 3131 and Junior standing.

CISM 4136 Global Information Resource Management  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A study of the international management of the organization's information systems function from the perspective of information as a critical organization resource and as a key to competitiveness in the global market. Emphasis will be placed on the application of technology to meet information systems requirement.  
Prerequisite(s): A minimum grade of "C" in CISM 3134 and CISM 3135.

CISM 4237 Business Intelligence  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is an introduction to business intelligence and business analytics. Students will be exposed to recent technological developments in these areas, as well as best practices.  
Prerequisite(s): A minimum grade of "C" in CISM 2530 and Junior standing; or a minimum grade of "C" in IT 3233.  
Cross Listing(s): CISM 4237H.

CISM 4238 Network Administration  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An applied study of the problems inherent in the maintenance and management of the heterogeneous networking environments prevalent in the modern business enterprise. Emphasis will be placed on acquiring and integrating the practical management/technical skills that define the effective networking specialist.  
Prerequisite(s): A minimum grade of "C" in CISM 3134.
CISM 4239  Advanced Business Analytics with SAP HANA
3 Credit Hours.  2 Lecture Hours.  2 Lab Hours.
This course covers advanced practices and concepts in the areas of business intelligence and business analytics. The course will emphasize more the data foundation required to support business intelligence and business analytics, rather than associated applications. Special emphasis will be given to the SAP HANA big data platform.
Prerequisite(s): A minimum grade of "C" in CISM 4237 and CISM 3133 or IT 3233.

CISM 4332  Electronic Business
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course focuses on the linkage between organizational strategy and networked information technologies to implement a rich variety of business models in national and global contexts connecting individuals, business, governments, and other organizations to each other. The course examines e-business strategy and the development and architecture of e-business solutions and their components.
Prerequisite(s): CISM 2230 and CISM 3134, MKTG 3131.

CISM 4333  Human Resource Information Systems
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A study of how human resource information systems are applied in organizations to support organizational strategy, improve efficiency and flexibility, increase productivity and performance, and ensure compliance with employment law. The focus will be on merging computer technology with a strategic human resource management perspective.
Prerequisite(s): A minimum grade of "C" in MGNT 3334.

CISM 4335  Advanced Business Applications Programming (ABAP)
for the SAP/ERP System
3 Credit Hours.  2 Lecture Hours.  1 Lab Hour.
This course provides an overview of the ABAP programming language for the SAP enterprise resource planning system. Students will learn how to access database tables, design input screen selections and generate output list reports. Students will write a variety of beginning and intermediate level programs using the ABAP workbench, ABAP objects, and data dictionary tools. Modular programming technique such as subroutines, function modules, and events will also be discussed.
Prerequisite(s): A minimum grade of "C" in all of the following: CISM 2030, CISM 3333 and prior or concurrent enrollment in CISM 3133 or IT 3233.

CISM 4336  ERP and Enterprise Performance
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course provides an overview of Enterprise Resources Planning (ERP) systems and their impact on organizations. Organizational interest in integrated enterprise information systems and the factors that drive businesses to select and implement these solutions are addressed. Research evidence demonstrating the impact of ERP systems on enterprise performance is reviewed and students gain further understanding of the integrative nature of ERP systems by completing exercises using simulated ERP environments.
Prerequisite(s): A minimum grade of "C" in ACCT 2101 or ACCT 2030.

CISM 4344  Enterprise System Configuration
3 Credit Hours.  0.2 Lecture Hours.  0.1 Lab Hours.
This course focuses on configuring and testing an Enterprise Resource Planning (ERP) system for use in a large organization. Students learn how to setup a trading company from the ground up using SAP R/3. Throughout the semester, students will create and test the organizational structure, master data and business rules to integrate different functional business processes such as purchasing, sales, distribution, logistics, accounts payable, accounts receivable, etc. Students will be expected to complete a major project working in cross-functional teams to configure and test an ERP system.
Prerequisite(s): A minimum grade of "C" in CISM 3333.

CISM 4435  ERP Web Portal Customization and Collaboration using SAP NetWeaver
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course focuses on how and why web-based ERP systems such as SAP Enterprise Portals are customized to extend their support of business processes. The course applies web portal customization and collaboration tools to illustrate key course concepts. The characteristics and benefits of enterprise web portals are examined along with the tools and processes used to implement and measure their success.
Prerequisite(s): A minimum grade of "C" in CISM 3333.

CISM 4436  SAP TERP10 Review
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This is a preparation course for the TERP10 SAP Academy Certification. Recommended for students who have completed 2 or more SAP approved courses toward earning their SAP Certificate.
Prerequisite(s): A minimum grade of "C" in ACCT 2101, ACCT 2030, CISM 3333, CISM 4336 and CISM 4434.

CISM 4437  Data Mining for Business Analytics
3 Credit Hours.  2 Lecture Hours.  2 Lab Hours.
Basic data mining techniques as applied within a business context. The following topics will be covered: predictive modeling, classification, pattern detection, clustering, and text and web mining.
Prerequisite(s): A minimum grade of "C" in BUSA 3131.

CISM 4790  Internship in Information Systems
3.6 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
A supervised work-study program in selected business firms throughout the southeast.
Prerequisite(s): Minimum institution GPA of 2.5 and permission of Department Chair or Internship Director.

CISM 4830  Special Problems in Information Systems
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A customized course that is under the direction of a faculty sponsor. This course is designed to offer students an opportunity to pursue studies or topics not covered in scheduled courses. The scope and nature of the material covered is determined in consultation with the faculty sponsor.
Prerequisite(s): Senior standing.

CISM 4890  Directed Study in Information Systems
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.
Designed for independent study and research in selected areas of information systems under faculty supervision.
Prerequisite(s): Permission of Department Chair.

COED PBB Practicum

COED 3610  Honors Research Seminar Education
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.
A seminar course to prepare undergraduate teacher education students to conduct research projects in education. Reserved for teacher education students in the University Honors Program or others seeking educational research experience as an undergraduate.
Prerequisite(s): A minimum grade of "C" in EDUC 2110, EDUC 2120, EDUC 2130; and permission of instructor.

COML Comparative Literature

COML 2531  Crossing Borders
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This is the foundation course for the Minor in Comparative Literature. It is designed as a transcultural, interdisciplinary course in which students discover and analyze English and other national literatures in translation. Course includes guest lecturers from a number of related disciplines.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
COML 3090 Selected Topics
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.
Selected topics in comparative literature.

COML 3530 Literary Translation
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduction to the history and theory of literary translation. Emphasis
on practical problems and techniques, with exercises culminating in the
translation of a foreign language text appropriate to the student's interests
and abilities.

COML 5330 World Drama to Romanticism
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A study of representative works of dramatic literature, primarily of the
western world, from Aeschylus through Beaumarchais, excluding English
drama.
Prerequisite(s): A minimum grade of "C" in all of the following: ENGL
2111 and prior or concurrent enrollment in ENGL 2131.
Cross Listing(s): COML 5330G.

COML 5530 The Bible as Literature
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A study of the literary dimension of the English Bible. Major emphasis is
upon the literary themes, types, personalities, and incidents of the Old and
New Testaments.
Prerequisite(s): A minimum grade of "C" in ENGL 2111 and ENGL
2131.
Cross Listing(s): COML 5530G.

COML 5533 Literary Criticism and Theory
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An historical survey of literary criticism and theory from antiquity to modern
times. Literary criticism considers issues important for all students of
literature, such as the value of poetry in our world, the power of poets to
represent reality or truth, and the sources of poetic inspiration. This course
also delves into the subject of aesthetics, the nature of beauty, and the
variety of forces that impact how humans respond to literature.
Prerequisite(s): COML 2531.
Cross Listing(s): ENGL 5533.

COML 5536 Post-Colonial Literature
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Examines and evaluates the diverse "common-wealth" of post-colonial
Anglophone literature written by authors from countries that were formerly
part of the British Empire: Africa, Australia, Canada, the Indian sub-
continent, Ireland, New Zealand, Southeast Asia, and the West Indies.
Highlights the use of a variety of reading and critical strategies to analyze
the formal and linguistic complexities and innovations of this literature.
Prerequisite(s): A minimum grade of "C" in ENGL 2131.
Cross Listing(s): COML 5536G.

COMM Communication Arts

COMM 1100 Human Communication
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Surveys the historical roots of communication, discusses the encoding and
decoding of messages, and introduces the contexts of communication.
Prerequisite(s): A minimum grade of "C" in ENGL 1101 or WRIT 1101.

COMM 1110 Public Speaking
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The critical study and practice of public speaking emphasizing the art of
rhetoric from a humanistic perspective. Areas of study include research
and preparation, ethics, audience analysis, and presentation of speeches.
Prerequisite(s): A minimum grade of "C" in ENGL 1101 or WRIT 1101.

COMM 2322 Media and Society
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduction to print and electronic mass communications and media-
related professions. Surveys the media's historical development in the
United States with particular focus on structure, social roles, and related
theories. Also considers change factors that can affect the future of media.

COMM 3030 Selected Topics in Communication Arts
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Offers varied courses in specialized areas of field of Communication Arts.
Department approval required.

COMM 3331 Media Criticism
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Familiarizes students with dominant paradigms currently used in media
studies. Particular emphasis will be given to theories addressing the social
context of the media and criticism as a rhetorical act.
Cross Listing(s): COMM 3331.

COMM 3332 Voice and Phonetics
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.

COMM 3336 International Media Systems
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course comparatively studies mass media systems around the world.
It analyzes media systems in terms of relevant political, social, economic
and cultural factors. Diversity and change in global communication is a
main theme. The influence of rapidly-advancing technology is analyzed for
its dynamic impact around the world, especially in developing nations.
Prerequisite(s): A minimum grade of "C" in COMM 2332.

COMM 3337 Mass Communication Law
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course surveys freedom of speech and press and its limitations by
laws governing libel, privacy, copyright, contempt, free press, broadcast
regulation, fair trial and reporter's shield. Broadcast industry self-regulation
and ethical concerns of mass communications will be discussed.
Prerequisite(s): A minimum grade of "C" in COMM 2332.

COMM 3360 Critical Approaches to Mass Culture
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Examination of theoretical and critical approaches to various forms of
social expression, including film, television, popular literature,
magazines, music, video, and radio. Applications of differing critical
methodologies.
Prerequisite(s): A minimum grade of "C" in ENGL 2100.

COMM 3430 Media Management and Sales
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
In this course, students will examine the organization and operation of
media operations' policies and procedures. Students will also examine
media management theory and practice, key media administrator roles,
media industry processes and departments, and media manager skills
in finances, personnel, programming, promotion/marketing, selling of
commercial advertising in media and audience research.
Prerequisite(s): A minimum grade of "C" in COMM 2332.

COMM 3431 Digital Media Entrepreneurship
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course focuses on the business side of the information business,
specifically digital media startups. As part of this course, students develop
an original idea for a digitally-based media startup, research and analyze
the potential market for the startup, and develop a basic media business.
This course would also look at the behavior of entrepreneurs, but will be
focused more on media entrepreneurs and the development of student
ideas into potential media startup projects.
Prerequisite(s): A minimum grade of "C" in COMM 2332.
COMM 3530 Media Ethics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course involves the study of moral and professional conduct within various mass communication contexts and provides students with the ability to recognize and confront potential ethical, diversity and shifting cultural issues as journalists and media consumers.
Prerequisite(s): A minimum grade of "C" in COM 2332.

COMM 4330 History of Mass Communication
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course surveys the history of newspapers, magazines, radio and television, and web media content with emphasis upon their correlation with political, social and economic trends in America.
Prerequisite(s): A minimum grade of "C" in COM 2332 and Junior standing.

COMM 4331 Gender, Media, and Representation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on three basic areas with regard to women and media: 1) the representation of women in the media; 2) the status of women as media professionals; 3) the ways women make use of media as audience members.
Cross Listing(s): WGST 4331, COMM 4331.

COMM 4332 Contemporary Communication Application
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Offers analysis of a selected contemporary topic in communication. Includes discussion of appropriate communication models and their analytical application to the selected topic. May be repeated a maximum of two times for credit. Department approval required.

COMM 4334 Advanced Law and Ethics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides an evaluation of contemporary media regulations/law and ethical issues by way of case analysis along with the study of the evolution of media regulation for understanding of past, present, and future media performance.
Prerequisite(s): A minimum grade of "C" in COM 3337.

COMM 5000 Topic in Communications
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Cross Listing(s): COMM 5000G.

COMM 5025 Popular Culture Theory and Criticism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of the theoretical and critical approaches to the study of various forms of popular cultural expression such as film, television, popular literature, magazines and music. Critical methodologies present may include semiotics, genre criticism, ethnography, feminism and cultural studies.
Prerequisite(s): A minimum grade of "C" in ENGL 2100.

COMM 5030 Television Theory and Criticism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Critical Examination of various aspects of television, such as genres, social implications, historical significance and modes of production.
Prerequisite(s): Permission of Instructor.
Cross Listing(s): COMM 5030G, ENGL 5030.

COMM 5333 Theories of Mass Communication
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the development of mass media systems and the resulting theoretical perspectives. Encourages theory application as means of understanding and explaining what happens to us individually and as members of a society as mass communication became possible and now as media systems are being adapted.
Prerequisite(s): COMM 2332.

COMS 1711 Communication Studies Practicum
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
Practical experience in speaking and performance events. A maximum of three credit hours may be applied toward the degree.

COMS 2330 Introduction to Communication Research
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces students to the professional literature in communication and examines the major paradigms used in communication research. The students will gain practical experience using formal research styles.

COMS 2711 Communication Studies Practicum
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
Practical experience in speaking and performance events. A maximum of three credit hours may be applied toward the degree.

COMS 3030 Selected Topics in Communication Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Offers varied courses in specialized areas of the field of communication studies. Departmental approval required.

COMS 3330 Health Communication
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Applies various communication theories to the health care community. The impact of health communication in different contextual levels, i.e., interpersonal, group, organizational, mass and cultural will be examined.

COMS 3331 Argumentation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the function and structure of argumentation by focusing on the critical analysis of argument around important issues in public policy, science, law, religion and politics.

COMS 3332 Small Group Communication
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the increasing importance of communication in small group situations. Communication in group roles, relationships, leadership, conflict, group discussion and reflective decision making, will be highlighted.
Prerequisite(s): COMM 1100 or COMM 1110.

COMS 3334 Communicating in the Workplace
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Considers the theoretical and practical challenges existing in a variety of workplace communication scenarios ranging from interviews and group interaction and structure through oral presentations supplemented by a variety of modern media.

COMS 3335 Interpersonal Communication
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Considers current interpersonal research emphasizing practical analysis for how we communicate and form interpersonal relationships.
Prerequisite(s): COMM 1100.

COMS 3336 Introduction to Performance Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the performance process in relation to the cultural values communicated in social and artistic forms. An introduction to folklore, storytelling, and solo performance.

COMS 3337 Persuasion
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Considers the ethics, philosophies, theories, and techniques of persuasion from the points of view of both senders and receivers of persuasive messages.
Prerequisite(s): COMM 1110.

COMS 3338 Rhetorical Criticism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces students to the major perspectives and approaches used in the practice of rhetorical criticism through the analysis of various rhetorical forms, including public speeches, drama and entertainment, tradition and ideology.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Lecture Hours</th>
<th>Lab Hours</th>
<th>Prerequisite(s)</th>
</tr>
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<tbody>
<tr>
<td>COMS 3339</td>
<td>Intercultural Communication</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;D&quot; in COMM 1100 or COMM 1110.</td>
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<tr>
<td>COMS 3430</td>
<td>Communication and Leadership</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 1100.</td>
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<td>COMS 3711</td>
<td>Communication Studies Practicum</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>Practical experience in speaking and performance events. A maximum of three credit hours may be applied to the degree.</td>
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<tr>
<td>COMS 4330</td>
<td>Rhetoric of International Relations</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 2330 or PRCA 4330.</td>
</tr>
<tr>
<td>COMS 4332</td>
<td>Political Communication</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>Practical experience in speaking and performance events. A maximum of three credit hours may be applied to the degree.</td>
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<tr>
<td>COMS 4333</td>
<td>General Semantics</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 1100, junior or senior standing, and departmental approval.</td>
</tr>
<tr>
<td>COMS 4336</td>
<td>Performance, Culture, Communication</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 1100 or COMM 1110.</td>
</tr>
<tr>
<td>COMS 4337</td>
<td>Rhetoric of Social Movements</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 1100 or COMM 1110.</td>
</tr>
<tr>
<td>COMS 4338</td>
<td>Organizational Communication</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 1100 or COMM 1110.</td>
</tr>
<tr>
<td>COMS 4339</td>
<td>Philosophy of Communication</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 1100 or COMM 1110.</td>
</tr>
<tr>
<td>COMS 4711</td>
<td>Communication Studies Practicum</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>Practical experience in speaking and performance events. A maximum of three credit hours may be applied to the degree.</td>
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<tr>
<td>COMS 4791</td>
<td>Communication Studies Internship</td>
<td>3-6</td>
<td>0</td>
<td>0</td>
<td>Practical experience in speaking and performance events. A maximum of three credit hours may be applied to the degree.</td>
</tr>
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<td>COMS 4831</td>
<td>Directed Study in Communication Studies</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>Practical experience in speaking and performance events. A maximum of three credit hours may be applied to the degree.</td>
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<tr>
<td>COMS 5330</td>
<td>Communication Theory</td>
<td>3</td>
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<td>A minimum grade of &quot;C&quot; in COMM 1100 or COMM 1110.</td>
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<td>COMS 5331</td>
<td>Communication and Conflict</td>
<td>3</td>
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<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 1100 or COMM 1110.</td>
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<td>COMS 5332</td>
<td>Nonverbal Communication</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 1100 or COMM 1110.</td>
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<tr>
<td>COMS 5333</td>
<td>Communication and Gender</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 1100 or COMM 1110.</td>
</tr>
<tr>
<td>COMS 5334</td>
<td>Interpersonal Communication in the Workplace</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>A minimum grade of &quot;C&quot; in COMM 1100 or COMM 1110.</td>
</tr>
</tbody>
</table>

This course will focus on the different contexts in which culture influences the communication process. Aspects of communication such as language, nonverbal communication, interpersonal relationships, and organizations will be examined across different cultures. Students will strive to understand the impact of culture on perception, social identity, values, and structures of power. Intercultural, cross-cultural, and multicultural contexts for communication will be discussed. 

Prerequisite(s): A minimum grade of "D" in COMM 1100 or COMM 1110.

This course covers the theories and practices associated with leadership in groups and organizations. Focuses on interactive aspects of leading and following, and developing leadership skills from a communication perspective. Topics will include perspectives of a leader's communication interactions with regard to: change, culture, decision making, diversity, ethics, followership, groups and teams, influence, organizations, and styles. 

Prerequisite(s): A minimum grade of "C" in COMM 1100.

This course covers the theories and practices associated with leadership in groups and organizations. Focuses on interactive aspects of leading and following, and developing leadership skills from a communication perspective. Topics will include perspectives of a leader's communication interactions with regard to: change, culture, decision making, diversity, ethics, followership, groups and teams, influence, organizations, and styles. 

Prerequisite(s): A minimum grade of "C" in COMM 1100.

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Prerequisite(s): A minimum grade of "C" in COMM 1100.

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Prerequisite(s): A minimum grade of "C" in COMM 1100.

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Prerequisite(s): A minimum grade of "C" in COMM 1100.

This course covers the theories and practices associated with leadership in groups and organizations. Focuses on interactive aspects of leading and following, and developing leadership skills from a communication perspective. Topics will include perspectives of a leader's communication interactions with regard to: change, culture, decision making, diversity, ethics, followership, groups and teams, influence, organizations, and styles. 

Prerequisite(s): A minimum grade of "C" in COMM 1100.

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Prerequisite(s): A minimum grade of "C" in COMM 1100.

This course covers the theories and practices associated with leadership in groups and organizations. Focuses on interactive aspects of leading and following, and developing leadership skills from a communication perspective. Topics will include perspectives of a leader's communication interactions with regard to: change, culture, decision making, diversity, ethics, followership, groups and teams, influence, organizations, and styles. 

Prerequisite(s): A minimum grade of "C" in COMM 1100.
COMS 5335 Family Communication
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of various communication theories within the unique contexts of family dynamics.
Prerequisite(s): A minimum grade of "C" in COMM 1100.
Cross Listing(s): COMS 5335G.

COOP Cooperative Education Pro

COOP 1000 Cooperative Education Program
1-12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

COOP 2090F Sophomore Coop-Full-time
12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
An opportunity to gain work experience related to academic major, begin the career decision-making process and earn money for educational expenses. This is accomplished through the Cooperative Education program. The co-op program is coordinated administratively by the Office of Career Services. Salaries and benefits are determined by the employer and normally increase as the program proceeds. Board and lodging are the responsibility of the student. "V" grade is assigned for successful completion of the work assignment.
Prerequisite(s): Sophomore standing.

COOP 2090P Sophomore Coop-Part-time
1-9 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
An opportunity to gain work experience related to academic major, begin the career decision-making process and earn money for educational expenses. This is accomplished through the Cooperative Education program. The co-op program is coordinated administratively by the Office of Career Services. Salaries and benefits are determined by the employer and normally increase as the program proceeds. Board and lodging are the responsibility of the student. "V" grade is assigned for successful completion of the work assignment.
Prerequisite(s): Sophomore standing.

COOP 3090F Junior Coop-Full-time
12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
An opportunity to gain work experience related to academic major, begin the career decision-making process and earn money for educational expenses. This is accomplished through the Cooperative Education program. The co-op program is coordinated administratively by the Office of Career Services. Salaries and benefits are determined by the employer and normally increase as the program proceeds. Board and lodging are the responsibility of the student. "V" grade is assigned for successful completion of the work assignment.
Prerequisite(s): Junior standing.

COOP 3090P Junior Coop-Part-time
1-9 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
An opportunity to gain work experience related to academic major, begin the career decision-making process and earn money for educational expenses. This is accomplished through the Cooperative Education program. The co-op program is coordinated administratively by the Office of Career Services. Salaries and benefits are determined by the employer and normally increase as the program proceeds. Board and lodging are the responsibility of the student. "V" grade is assigned for successful completion of the work assignment.
Prerequisite(s): Junior standing.

COOP 4090F Senior Coop-Full-time
12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
An opportunity to gain work experience related to academic major, begin the career decision-making process and earn money for educational expenses. This is accomplished through the Cooperative Education program. The co-op program is coordinated administratively by the Office of Career Services. Salaries and benefits are determined by the employer and normally increase as the program proceeds. Board and lodging are the responsibility of the student. "V" grade is assigned for successful completion of the work assignment.
Prerequisite(s): Senior standing.

COOP 4090P Senior Coop-Part-time
1-9 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
An opportunity to gain work experience related to academic major, begin the career decision-making process and earn money for educational expenses. This is accomplished through the Cooperative Education program. The co-op program is coordinated administratively by the Office of Career Services. Salaries and benefits are determined by the employer and normally increase as the program proceeds. Board and lodging are the responsibility of the student. "V" grade is assigned for successful completion of the work assignment.
Prerequisite(s): Senior standing.

CRJU Criminal Justice

CRJU 1010 Intro Criminal Justice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Emergence and current state of formal institutions established within the American experience to deal with criminal behavior. Philosophical, cultural, social, economic, and political aspects of the justice system and process.

CRJU 1020 Ethics/Morals Criminal Justice
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Relationship between ethical theory and criminal justice policies and practices. Principle ethical theories of the Western world and the application of these theories to the administration of justice in the United States. Ethical underpinnings of the crime control and due process models of justice.

CRJU 1030 Interpersonal Commun Skills
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Development of interpersonal communication skills to improve interaction among agency employees and between employees and the public.

CRJU 1100 Introduction to Criminal Justice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides an introduction and overview of the criminal justice system and its central components: police, courts, and corrections. Topics include: the history, development, and current status of law enforcement, the judiciary, and corrections in the U.S.; the philosophical, economic, and socio-political aspects of the criminal justice system and processes; individual rights and public order; an introduction to the juvenile justice system; theories of crime causation; and special issues such as drugs, mental health and public policy.

CRJU 1200 Intro to Law Enforcement
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
History, philosophy, and basic objectives of the police system in the U.S. and Georgia. Emphasizes applications of the law for law enforcement officers.
Prerequisite(s): CRJU 1010.

CRJU 1210 Introduction to Cybercrime
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
History of cyber crime and the examination of techniques and strategies for investigating computer crime.
Prerequisite(s): ENGL 1101.
CRJU 2100 Criminology  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Nature and extent of crime in the U.S. Evaluation of factors leading to criminal behavior and measures proposed to control it.

CRJU 2210 Introduction to Policing  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Critical examination and assessment of American policing. Major emphases include policing history, functions, organizational structure, policing strategies, effectiveness of practices, and accountability measures.  
Prerequisite(s): CRJU 1100.

CRJU 2210M Intro Law Enforcement by WC  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
History, philosophy, and basic objectives of the police system in the U.S. and Georgia. Emphasizes applications of the law for law enforcement officers.

CRJU 2410 Introduction to Corrections  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Correctional process and interventions designed to deter and control adult criminal behavior. Addresses philosophy and goals underlying correctional interventions, types of criminal sentencing, and penal sanctions, including community-based programs, institutional corrections, and parole. Examines intentions and consequences of various methods of institutional and non-institutional processing and treatment of convicted offenders.  
Prerequisite(s): CRJU 1100.

CRJU 2500 Criminal Evidence & Procedures  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Historical and contemporary overview of rules governing criminal procedure and rules of evidence as they affect the accused, the convicted, the functions of law enforcement, and the conduct of criminal prosecutions. Constitutional rights of the accused and the conflict of those rights with maintenance of public order and enforcement of criminal law.  
Prerequisite(s): CRJU 1010.

CRJU 3110 Legal Process  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course will introduce students to the American court system with a focus on the sources of law and the actors, institutions, and processes that affect the administration of justice.  
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.  
Cross Listing(s): POLS 3137.

CRJU 3112 Honors Thesis Seminar II  
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.  
In a seminar setting, students will continue to progress toward researching and writing the honors thesis. Particular emphasis will be given to the construction of a comprehensive literature review and research design.  
Prerequisite(s): Minimum junior standing.

CRJU 3120 Ethics in Criminal Justice  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Provides an overview of ethical theories and understandings of justice in the context of contemporary issues related to the criminal justice system. Students practice identifying ethical dilemmas and applying major ethical systems to resolve dilemmas and evaluate decision-making in law enforcement, the judiciary, and the correctional system.  
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in CRJU 1100.

CRJU 3131 Criminal Law  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examines the social and political influences on criminal law in the United States. Analyzes the constitutional limits on criminal law, principles of criminal liability, elements of crimes, criminal defenses, and the application of the Georgia Criminal Code to specific crimes.  
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 3133 Evidence and Procedure  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Focuses on the legal processes from arrest through appeal, with emphasis on the rights of the accused including due process, rights to counsel, search and seizure, self-incrimination, and the rules of evidence governing criminal procedure.  
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 3134 Investigations  
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.  
Introduction to fundamentals of conducting investigations. Topics include: evidence gathering, interviews and interrogations, court preparation and testimony, and written reports.  
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3150 Organized Crime  
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.  
Examination of phenomenon of racketeering in society from a variety of perspectives, using historical, theoretical, and comparative materials. Analysis of the nature of the activities of organized criminals, the relationship between these criminals and the public, the structure of racketeering groups and enterprises, and the strategies and success of legal control on organized crime. Special attention paid to the ways in which these crimes can be differentiated from "common" street crimes.  
Prerequisite(s): CRJU 1010.

CRJU 3160 Corporate Crime  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Study of the laws, law enforcement, victimization, and cost of corporate, white collar and occupational crime.  
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3170 Criminal Justice Admin  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Survey of basic concepts and principles concerned with the administration and management of agencies within the criminal justice system. Emphasis will be placed on organizational structure, functions, standard operating procedures, leadership, and the role of discretion.  
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3210 Law Enforc: Struct/Process  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Philosophical, cultural, and historical background of policing, focusing on the role of police in contemporary society, quasi-military organization, and community relations.  
Prerequisite(s): A minimum grade of "C" in CRJU 1100.
CRJU 3220 Indust, Commer & Private Secur
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
History, development, and analysis of privately employed police and security in the U.S. Topics include an analysis of public vs. private agencies, types (contract and proprietary), and components (physical, information and personnel) of private security. Special emphasis on the functions, strengths, and problems encountered by privatized agencies.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3233 Criminology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the nature and extent of crime in the U.S. Evaluates factors leading to criminal behavior drawing on major criminological theories and research, as well as measures proposed to control crime.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 3234 Research Methods
3 Credit Hours. 2 Lecture Hours. 1 Lab Hour.
Provides an overview of research methods and techniques in criminal justice and criminology, to include research design, analytical techniques, ethical issues in research, and relationships between theory, research, and practice. Particular topics include the nature of conceptualization, hypothesis testing, measurement, operationalization, and sampling populations to provide students with conceptual and practical foundations to develop research and program evaluation skills.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 3263 Cyber Criminology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Assesses the usefulness of classic criminological theories to explain a wide range of cybercrimes and the possible need for the creation of new cyber-related criminological theories.

CRJU 3310 Youth, Gangs & Drugs
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Relationship among illicit drugs, gang affiliation, and juvenile delinquency with emphasis on the drug/crime nexus. Topics include consideration of both the relationship between adolescent involvement with drugs/alcohol and affiliation with a negative peer group and the impact of these behaviors on progressive delinquency. Policies and programs for prevention and control of these destructive behaviors.

CRJU 3400 Corrections
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Analysis and evaluation of both historical and contemporary correctional systems. Development, organization operation, and results of the different correctional systems in the U.S.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3420 Applying Elementary Statistics in Justice and Crime Research
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Students learn about and practice using elementary statistics with a focus on crime and criminal justice data and usage. Focuses on linking levels of measurement, inference, questions posed, and data limitations in statistical usage. Students will compute and interpret statistics.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3431 Juvenile Justice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides an overview of the juvenile justice system and juvenile jurisprudence. Examines the development of the juvenile justice system and treatment of juveniles in civil and criminal justice systems. Additional topics include examination of theoretical frameworks and correlates of juvenile delinquency as well as strategies aimed at reducing and preventing delinquency.
Prerequisite(s): A minimum grade of "C" CRJU 1100.

CRJU 3432 Gangs and Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the historical development and contemporary influence of gangs as well as their criminal and noncriminal activities. Emphasis is placed on myths associated with gangs, individual and structural forces influencing juveniles to join gangs, differentiating gangs from other organized criminal groups, how gangs fit into society as a whole, the impact of gangs on the criminal justice system, and the effectiveness of policies and initiatives aimed at reducing gang activity.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 3513 Victimology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the causes, consequences, and theoretical explanations of victimization. Major emphases on victimization patterns, risk factors, the victim-offender relationship, range of injuries experienced, and the role of the victim in criminal justice proceedings.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 3534 Drugs and Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to the scholarly study of drugs and alcohol from a multidisciplinary, liberal arts perspective. Students will become familiar with drug discourse, history, and policy with particular emphases on the legal prohibitions and enforcement of drugs in American society.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3535 Family Violence
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an examination of family violence with specific focus on child abuse, intimate partner violence, and elder abuse. Attention centers on the nature, prevalence, causes, consequences, as well as on responses by social service agencies and the criminal justice system for each form of violence occurring within the family.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 3536 School Violence
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an examination of school violence, focusing on the school as the location for various forms of victimization of students, teachers, and school administrators. Specifically, the course will focus on several forms of school violence including bullying and school shootings. Theoretical explanations, administrative, and criminal justice responses to the various forms of school violence, and the consequences of these responses, will be examined.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 3538 Gender, Crime, and Justice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Critical examination of gender as a significant, yet overlooked, dimension of criminality to include the nature and extent of women as victims, offenders, and workers in the criminal justice system. Causes of crime and victimization, gender disparities in processing/punishing female offenders, treatment of female offenders in the community, responses to female victimization, and ways to reduce both crime and victimization will be examined, while promoting justice by recognizing the important role of gender and the intersection of gender and other social inequalities.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 3631 Crime and Justice in Public Policy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on the intersection of crime and social justice in the policy process. Particular attention paid to the development of public policy, actors in the process, and the impact of public policy on society, social programs, and the criminal justice system.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.
CRJU 3732 Conflict Resolution
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the causes of conflict and techniques to resolve conflict in the criminal justice system. Studies conflict among colleagues, the public, and with clients in the criminal justice field are a focus, as well as how criminal justice agencies (police, courts, and corrections) resolve conflict. Special emphasis on collaborative resolutions, restorative justice/peace making, community policing, mediation, arbitration, and development of interpersonal communication skills within and between agencies.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 3733 Inequalities, Crime, and Justice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces forms of social stratification and inequalities and their intersection crime and justice. Attention is given to race, class, and gender inequalities within the United States criminal justice system and the paths into contemporary inequality. The impacts of the extent, causes, and generation of institutionalized inequalities on criminal justice processes, victimization, and system employment are explored.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3831 Popular Culture and Justice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines portrayals of crime, justice, social stratification, the criminal justice system, as well as social and political responses to those issues, in television, film, and literature.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3931 Issues in Homeland Security
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores the legal, practical, and ethical challenges that accompany efforts to secure the homeland against major twenty-first threats such as terrorism and cyber-terrorism. Course topics may include but not be limited to: threat assessment, crisis response, incident prevention, and the need to reconcile governmental strategies for disrupting attacks on the homeland with the imperative of protecting civil liberties.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 4031 Community-Based Supervision and Treatment
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines alternatives to incarceration and methods of treatment in non-institutional settings. Focus is on supervising criminal offenders in the community and theories/techniques employed to influence and alter attitudes, values, and behavior.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 4032 Criminal Behavior
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines criminal and deviant behaviors from a multidisciplinary approach. Addresses major theories and research, correlates of crime including classification concepts, case studies, and application by components of the criminal justice system.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 4092 Special Topics in Criminology
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Periodically scheduled to allow exploration of contemporary substantive topics related to criminology and crime that are not offered in the regular curriculum. Topics will be announced when the course is scheduled. Repeatable if topic is substantially different.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 4093 Special Topics in Criminal Justice
1-3 Credit Hours. 0-18 Lecture Hours. 0-18 Lab Hours.
Periodically offered to facilitate exploration of contemporary topics related to law enforcement, courts, corrections, or justice administration not offered in the regular curriculum. Topics will be announced when the course is scheduled. Repeatable if topic is substantially different.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 4090 Criminality/Abnormal Behavior
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Interface between abnormal behavior and criminality regarding identification, classification, and treatment of criminals. Emphasis on behavioral patterns and motivations of repeat offenders such as child molesters and serial killers.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 4110 International Criminal Conspir
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Organized crime transcending international boundaries, to include drug trafficking and corporate crime. Emphasis on origins and evolution of national/ethnic organizations such as the Sicilian and Russian syndicates.
Prerequisite(s): CRJU 1010.

CRJU 4120 Seminar on Justice Ideal
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Inquiry into the philosophical concept of justice in Western civilization and the means employed to achieve it in the United States and Europe. Emphasis on both normative and descriptive dimensions of justice and the rule of law in a system of ordered liberty.
Prerequisite(s): CRJU 1010.

CRJU 4135 Directed Study in Criminal Justice and Criminology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Offers opportunity for individualized, structured examination of a specific topic. Student and instructor mutually agree upon topic and required output. Requires approval of instructor and department chair. Repeatable if topic is substantively different.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 4137 Law, Justice, and Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the historical and philosophical underpinnings of the legal system and analyzes the interrelationships of law, custom, morality, politics, economics, and social change.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 4531 Comparative Justice Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the institutions of justice in various countries around the world, as well as the variety of international institutions that address questions of justice. The historical development, legal, socio-political, economic, and philosophical factors underlying these institutions are examined, with an emphasis on comparison with the U.S. system of criminal justice.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 4532 Organized Crime in a Global Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of organized crime in a global context. Examples include but are not limited to: human, arms, and drug trafficking; racketeering; money laundering; environmental crime; and intellectual property crime. Governmental, legal, and institutional responses to the international crimes are also examined.
Prerequisite(s): A minimum grade of "C" or better in CRJU 1100.

CRJU 4632 Senior Seminar in Justice Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A discussion-based, intensive reading and writing capstone course for Justice Studies majors and minors. Integrates material from the major core courses and addresses current issues and trends in the administration of criminal and social justice. It is strongly suggested students complete BOTH Criminal Behavior and Justice Studies Research Methods prior to registering for Senior Seminar.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.
**CRJU 4639** Inside-Out
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The "Inside-Out" Prison Exchange Program is an opportunity for a small group of students from Georgia Southern University and residents from a local prison to exchange ideas and perceptions about crime and justice, the criminal justice system, corrections, and imprisonment. All participants will gain a deeper understanding of the criminal justice system through the combination of theoretical knowledge and practical experience achieved by weekly meetings extended throughout the semester. Departmental and instructor approval is required before enrolling. Strong preference will be given to seniors. The course is repeatable if the topic is substantively different.
Prerequisite(s): A minimum grade of "C" in CRJU 1100.

**CRJU 4792 Internship in Justice Studies**
1-9 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides students an opportunity to work in a supervised setting to bridge academics with practical experiences. Students submit a substantial research paper and/or other writing assignments in addition to professional duties required by their interning agency. Enrollment requires permission of the internship coordinator. To meet Area G requirements, students must have senior status. Students enrolling prior to their senior year will be awarded credit toward their upper division criminal justice and/or general elective requirements. (Repeatable.)

**CRJU 4910 Senior Seminar CRJU & Crim**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A discussion-based, intensive reading and writing capstone course for criminal justice and criminology majors and minors. Integrates material from the major core courses to critically examine past, current and future developments in the administration of justice. In addition, this seminar will help students explore and prepare for a career in criminal justice. It is strongly suggested students complete BOTH Criminology and Research Methods prior to registering for Senior Seminar.
Prerequisite(s): A minimum "grade of C in CRJU 1100."

**CRJU 4930 Justice Studies Honors Thesis**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A substantial research project in Justice Studies structured jointly by a University Honors Program student and faculty mentor, approved by the University Honors Program director.

**CRJU 5003 Cyber Forensics**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Application of computer investigation and analysis techniques to gather evidence suitable for presentation in a court of law. Techniques of cybercrime scene analysis, media analysis, and the use of various forensic tools. Students cannot receive credit for both CRJU 5003 and 5010.
Cross Listing(s): CRJU 5003G.

**CRJU 5010 Applied Digital Forensics I**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Identification, capture, and recording of evidence from suspect and victim's computer hard drives and laptops. Students cannot receive credit for both CRJU 5003 and CRJU 5010.
Prerequisite(s): CRJU 1100.
Cross Listing(s): CRJU 5010G.

**CRJU 5020 Applied Digital Forensics II**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Expansion of the identification, capture, and recording of evidence from suspect and victim's mobile devices such as mobile phones, tablets, and PDAs. Graduate students are required to complete an additional substantive research paper, presentation, or project based on course objectives.
Prerequisite(s): A minimum grade of C in CRJU 5010.
Cross Listing(s): CRJU 5020G.

**CRJU 5060 Special Topics in Cybercrime**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines substantive topics, problems, and issues of importance to contemporary study of cybercrime. Topics announced when course is scheduled. Course may be repeated if substantially different.

**CRJU 5360 Hackers, Malware, and Online Economic Crime**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines cybercrimes that are often influenced by either curiosity or financial motivation. Topics include, but are not limited to, the subculture of computer hackers, the role of malicious software in computer intrusions, and different types of online economic fraud.
Cross Listing(s): CRJU 5360G.

**CRJU 5361 Cybercrimes against Persons and Society**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines cybercrimes in which violence is threatened or exerted against individuals or society. Topics include, but are not limited to, cyber harassment and stalking, pornography, child pornography and exploitation, and cyber terrorism.
Cross Listing(s): CRJU 5361G.

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**CSCI Computer Science**

**CSCI 1130M Comp App For Bus Majors**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

**CSCI 1230 Introduction to BASIC Programming**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Basic concepts, logic, and syntax of BASIC programming language. Elementary programming techniques and algorithms. Topics include: variables, arithmetic operations, input/output, strings, GUI design, IF blocks, loop structures, subprograms, one- and two-dimensional arrays, file processing and applications.
Prerequisite(s): 3 credit hours of basic math.

**CSCI 1236 Introduction to Java Programming**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Basic concepts, logic and syntax of the Java programming language. Elementary programming techniques and algorithms. Topics include: arithmetic operations, input/output, data types, variables, selection and control statements, applications, applets, strings, and event-driven programming.
Prerequisite(s): A minimum grade of "C" in MATH 1111 or MATH 1113 or MATH 1232 or MATH 1441.

**CSCI 1301 Programming Principles I**
4 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
Provides a fundamental understanding of the development of computer solutions to solve problems with emphasis on structured, top-down development and testing. Concepts include the following: an overview of computer system design, problem solving and procedural abstraction design of computer solutions, algorithm development using simple data types and control structures, implementation and testing of programmed problem solutions, design modularization using subprograms and structured and user-defined data types.
Prerequisite(s): A minimum grade of "C" in MATH 1441.

**CSCI 1302 Programming Principles II**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is a continuation of CSCI 1301. Emphasis is on advanced techniques such as recursion, regular expressions, refactoring, object oriented programming concepts and constructs, reusing components, templates/generics, interfaces and classes. Experiences include use of an integrated development environment and shared (code) repositories.
Prerequisite(s): A minimum grade of "C" in MATH 1441, MATH 2130, CSCI 1301.
CSCI 2120 Computers, Ethics and Society
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
An investigation of issues related to the use of computers and computer technology including the following: computer ethics, professional standards, and social impact of computer applications. Some topics to be researched include: philosophical ethics, the application of ethical theory to situations involving computer technology, codes of conduct, privacy, data protection, employee privacy, data regulation, artificial intelligence, copyright/patent issues, computer malfunction liability, computer crime and responsibilities of computer users.
Prerequisite(s): A minimum grade of "C" in COMM 1110 and CSCI 1301.

CSCI 2490 C++ Programming
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Coverage of C++ programming techniques: Primitive data types, control structures, functions, pass-by-reference, arrays, pointers, C-strings, recursion, classes and objects, file input and output, operator overloading, inheritance, exception handling, templates, and STL.
Prerequisite(s): A minimum grade of "C" in CSCI 1302.

CSCI 3230 Data Structures
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to abstract data types such as lists, stacks, queues, and trees, and algorithm analysis.
Prerequisite(s): A minimum grade of "C" in CSCI 1302, MATH 2130.

CSCI 3231 Logic Circuits and Microprocessors
3 Credit Hours. 0,2 Lecture Hours. 0 Lab Hours.
Digital system and Logic Circuits Design. Topics include the study of the Logic gate, Boolean Functions representation and Minimization, Combinational and Sequential logic circuits, Programmable Logic Arrays, Data Representation, RAM, ROM, and Cache Memories, Register Transfer Language and micro-operations, Hardware Description Language (VHDL), Microprocessor Organization and Design, Assembly Language, Computer Aided Design Tools and Filed Programmable Gate Arrays.
Prerequisite(s): CSCI 1302.

CSCI 3232 Systems Software
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides basic concepts of computer software systems including operating systems, language translators, utilities, linkers and loaders, system component interface, diverse programming language concepts, and interfaces.
Prerequisite(s): A minimum grade of "C" the following: CSCI 1302 and prior or concurrent enrollment in CSCI 3230.

CSCI 3236 Theoretical Foundations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of languages, formal grammars, and abstract representations of computation.
Prerequisite(s): A minimum grade of "C" in MATH 2130, CSCI 1302.

CSCI 3330 Comparative Languages
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Comparative study of programming languages including facilities for procedures, parameter passing and recursion, control structures, and storage allocation techniques. Methods of specifying syntax and semantics. Introduction to program translation.
Prerequisite(s): A minimum grade of "C" in CSCI 2490.

CSCI 3341 Intro To Operating Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Concepts, structure, and mechanisms of operating systems. Topics include: processes, concurrency, memory management, scheduling, I/O management, disk scheduling, file management and basic aspects of protection and security and distributed systems.
Prerequisite(s): A minimum grade of "C" in CSCI 2490 and CSCI 3230.

CSCI 3432 Database Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The fundamental concepts of database management systems (DBMS) including logical and physical database organization, data models and design issues. Emphasis will be placed upon the rational data model including design and implementation using commercial database systems.
Prerequisite(s): A minimum grade of "C" in CSCI 1301, MATH 2130 or Permission of Instructor.

CSCI 4132 Data Warehouse Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course will cover data warehouse design principles and technical problems. Topics will include: data warehouse architectures, organizing data warehouse design projects, analyzing data and requirements. SQL aggregate and analytic functions, materialized views, star-joins and other DW related features, data vault modeling, dimensional modeling, physical design and implementation of integrated data warehouse using commercial ROLAP engines such as Oracle or SQL Server.
Prerequisite(s): A minimum grade of "C" in CSCI 3432.

CSCI 4210 High Performance Computing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Prerequisite(s): A minimum grade of "C" in CSCI 3341.

CSCI 4220 Networks
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to data communications and networking. Topics include communications media, codes, data transmission, multiplexing, protocols, layered networks.

CSCI 4235 Human Computer Interaction
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Human-Computer Interaction applies knowledge about how human beings perceive the world, think, remember and solve problems to the design of complex computer software. HCI goes beyond the construction of good user interfaces to specify how software projects are developed, tested and deployed. An important part of this course will emphasize field work practices for such things as user requirements gathering and usability testing.
Prerequisite(s): A minimum grade of "C" in CSCI 3230 or Permission of Instructor.

CSCI 4320 Advanced Database Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of database systems, query processing and optimization, transactions, transaction systems, currency control, recovery, security, e-commerce.
Prerequisite(s): A minimum grade of "C" in CSCI 3432.

CSCI 4322 Advanced Software Engineering
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Advanced software engineering principles, including software processes and methodologies, CASE tools, software metrics, software quality assurance, reusability and reengineering, and future trends. A major project encompassing some or all of these concepts.

CSCI 4342 Advanced Operating Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Case studies of UNIX (tm) and/or similar operating systems. Elementary knowledge of C/C++ required.
Prerequisite(s): A minimum grade of "C" in CSCI 3341.
CSCI 4343 Systems Prog Under Unix (Tm)  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
UNIX (tm) system programming techniques in 'C': I/O forking, pipes, signals, interrupts software tools, macros, conditional compilation, passing values to the compiler, lint, symbolic debugging, source code control, libraries.  
Prerequisite(s): A minimum grade of "C" in CSCI 3341.

CSCI 4350 Compiler Theory  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Programming language translation and basic compiler implementation techniques, formal grammars and languages; specification of syntax and semantics; lexical analysis; parsing; semantic processing. A major project encompassing some or all of these concepts.  
Prerequisite(s): A minimum grade of "C" in CSCI 3330.

CSCI 4360 Embedded Systems Programming  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Developing applications for embedded microprocessors including virtual machine architectures, data communications, time critical I/O, cross compiling, and debugging techniques.

CSCI 4370 Handheld/Ubiquitous Computing  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Survey of personal digital assistants (PDAs) and ubiquitous computing hardware, operating systems, virtual machines, and APIs. Development of PDA applications, cross compiling and hardware emulation, PDA GUI design, Infrac-Red and Wireless data communications, and desktop conduit development.

CSCI 4410 Numerical Analysis  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Introductory numerical analysis and scientific computation. Topics include computer arithmetic, numerical error, polynomial interpolation, systems of linear equations, iterative methods for nonlinear equations, least squares approximation, numerical and integration.  
Prerequisite(s): A minimum grade of "C" in MATH 2242 and CSCI 1301.

CSCI 4439 Game Programming  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An introduction to game design and development including game physics, using game engines, using AI in games, creating multithreaded games, and creating networking games.  
Prerequisite(s): CSCI 1302 or permission of instructor.

CSCI 4520 Machine Learning  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Developing advanced applications using diverse machine learning and computational intelligence algorithms for pattern recognition, classification and decision-making, including decision trees, neural networks, Bayesian learning, clustering, and kernel-based techniques. Multiple projects and a term project encompassing some or all of these concepts.  
Prerequisite(s): A minimum grade of "C" in CSCI 2490 and MATH 2130.

CSCI 4534 Software Testing and Quality Assurance  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Essential concepts and technology for software systems quality assurance and testing. Course covers software testing and the quality assurance body of knowledge including theory, models and methods, as well as contemporary standards and tools.  
Prerequisite(s): A minimum grade of "C" in CSCI 3236 or Permission of Instructor.

CSCI 4535 Data Mining  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Study of data mining functionalities including characterization and discrimination, classification and prediction, cluster analysis, association analysis, outlier analysis, evolution analysis; data mining system architectures; data mining query languages; and OLAP technology for data mining. Multiple projects encompassing a number of the discussed concepts.  
Prerequisite(s): A minimum grade of "C" in CSCI 3432.

CSCI 4537 Broadband Networks  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The basic concepts of broadband networks including an introduction to broadband networks, principles and systems are presented. Basic concepts and terminology needed for an understanding of broadband networks which support a variety of service requirements. Emphasis is on structures and principles of broadband networks. Major concepts and principles will be examined along with their corresponding mathematical analysis.  
Prerequisite(s): A minimum grade of "C" in CSCI 5332 or Permission of Instructor.

CSCI 4539 Optical Networks  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Basic concepts of optical networks will be explored including a summary of fundamental mechanisms and recent developments and deployments of optical networks and the network and software architecture to implement optical networks designed to transport IP traffic.  
Prerequisite(s): A minimum grade of "C" in CSCI 5332 or Permission of Instructor.

CSCI 4610 Numerical Analysis  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Introductory numerical analysis and scientific computation. Computer arithmetic, numerical error, polynomial interpolation, systems of linear equations, iterative methods for nonlinear equations, least squares approximation, numerical and integration.  
Prerequisite(s): A minimum grade of "C" in CSCI 1301.

CSCI 4720 Database Systems  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Database management system concepts and architecture; the relational, hierarchical, network, entity-relationship, and other models; design concepts; internal implementation techniques.

CSCI 4790 Special Problems/CO-OP  
1-3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
Work experience in computer science through the CO-OP program. A student may enroll in this course more than once, but cumulative credit may not exceed three credit hours.  
Prerequisite(s): Acceptance as a CO-OP student in the area of Computer Science.
CSCI 4820 Artificial Intelligence
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to different paradigms for creating software that can reason, think, remember and solve problems to the design of intelligent systems. Logical and probabilistic matching, heuristc reasoning and expert systems. The social, cultural and economic impact of artificial intelligence, economic impact of artificial intelligence, economic impact of artificial intelligence.
Prerequisite(s): A minimum grade of "C" in CSCI 3330.

CSCI 4830 Computer Graphics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to computer graphics. Topics include hardware and software algorithms for computer graphics programming, windows, clipping, two and three dimensional transformations, hidden line and hidden surface removal, graphics standards for hardware and software systems. Major project encompassing some or all of these concepts.

CSCI 4890 Directed Study in Computer Science
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Directed study under faculty supervision. Seminar with at least one hour to be used as student engagement in service work.
Prerequisite(s): Permission of Instructor and Department Chair.

CSCI 5090 Selected Topics in Computer Science
1-3 Credit Hours. 1-3 Lecture Hours. 0-2 Lab Hours.
Specialized study in a selected area of Computer Science.
Prerequisite(s): Permission of Instructor.
Cross Listing(s): CSCI 5090G.

CSCI 5130 Data Management for Math and the Sciences
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to concepts, methods, and current practice of object oriented design and analysis. Topics include the study of the Unified Modeling Language (UML), which has become an industry standard notation. UML topics will include use cases, diagramming notation (class, object, sequence) and object state diagrams. Students will use UML to design and implement individual and small group projects. Additional topics include understanding design patterns in building applications.
Prerequisite(s): A minimum grade of "C" in CSCI 3230.
Cross Listing(s): CSCI 5335G.

CSCI 5230 Discrete Simulation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to discrete simulation models and their implementation on computers. Topics include modeling techniques, experiment design, analysis and validation of results. Students will be exposed to one or more computer simulation languages.
Prerequisite(s): A minimum grade of "C" in STAT 1401 and CSCI 3230 or Permission of Instructor.
Cross Listing(s): CSCI 5230G.

CSCI 5235 Human Computer Interaction
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Human-Computer Interaction applies knowledge about how human beings perceive the world, think, remember and solve problems to the design of complex computer software. HCI goes beyond the construction of good user interfaces to specify how software projects are developed, tested and deployed. An important part of this course will emphasize field work practices for such things as user requirements gathering and usability testing.
Cross Listing(s): CSCI 5235G.

CSCI 5330 Algorithm Design and Analysis
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An in-depth study of the design, implementation, testing, and analysis of algorithms.
Prerequisite(s): A minimum grade of "C" in CSCI 3236 and MATH 2242.
Cross Listing(s): CSCI 5330G.

CSCI 5331 Computer Architecture
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will focus on the following topics: Computer Organization (RISC, CISC architecture), Assembly Language Programming, Processor, Memory and I/O Architecture, Parallel Architectures.
Prerequisite(s): A minimum grade of "C" in CSCI 3232 or CSCI 3341.
Cross Listing(s): CSCI 5331G.

CSCI 5332 Data Communications and Networking
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamental concepts of data communications including architecture models, protocol suites, network programming, signal and data transmissions, error detection, and performance analysis.
Prerequisite(s): A minimum grade of "C" in CSCI 3232 or CSCI 3341 and STAT 1401.
Cross Listing(s): CSCI 5332G.

CSCI 5335 Object-Oriented Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to concepts, methods, and current practice of object oriented design and analysis. Topics include the study of the Unified Modeling Language (UML), which has become an industry standard notation. UML topics will include use cases, diagramming notation (class, object, sequence) and object state diagrams. Students will use UML to design and implement individual and small group projects. Additional topics include understanding design patterns in building applications.
Prerequisite(s): A minimum grade of "C" in CSCI 3230.
Cross Listing(s): CSCI 5335G.

CSCI 5380 Software Security and Secure Coding
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers methodological framework for identifying common programming errors that result in software vulnerabilities, understanding how these errors are exploited by attackers, and how to implement solutions in a secure fashion. Topics include concurrency and vulnerabilities that result from deadlock, race conditions, invalid memory access sequences, and vulnerabilities associated with file I/O and time of use (TOCTOU).
Prerequisite(s): A minimum grade of "C" in CSCI 1302.

CSCI 5430 Artificial Intelligence
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to different paradigms for creating software that can reason, access a knowledge base, handle uncertainty, learn, communicate, perceive and act.
Prerequisite(s): A minimum grade of "C" in CSCI 3230 and CSCI 5330 or Permission of Instructor.
Cross Listing(s): CSCI 5430G.
CSCI 5431 Computer Security
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Computer security theory and practice fundamentals including methods of attack, defending against attacks, privacy vs security, methods of encryption, authentication, writing secure code, web security, and network security.
Prerequisite(s): A minimum grade of "C" in all of the following: CSCI 2120 and prior or concurrent enrollment in CSCI 5332.
Cross Listing(s): CSCI 5431G.

CSCI 5436 Distributed Web Systems Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course involves programming methodologies for the World Wide Web. Topics include: Client-side programming, distributed transactions, remote procedure calls, component objects, server side programming and network load balancing.
Prerequisite(s): A minimum grade of "C" in CSCI 3432.
Cross Listing(s): CSCI 5436G.

CSCI 5437 Computer Graphics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Course covers fundamentals of the theory of computer graphics, including raster systems, 3D viewing, illumination, shading and solid modeling. A standard computer graphics language is introduced.
Prerequisite(s): A minimum grade of "C" in CSCI 3230 and CSCI 3236.
Cross Listing(s): CSCI 5437G.

CSCI 5438 Animation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Course covers mechanism of computer animation and their implementation in OpenGL, together with advanced graph theory.
Prerequisite(s): A minimum grade of "C" in CSCI 5437.
Cross Listing(s): CSCI 5438G.

CSCI 5530 Software Engineering
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course serves as a major integrative, capstone experience for students and requires teamwork. A study of the development and management of software; strategies and techniques of design, testing, documentation and maintenance.
Prerequisite(s): A minimum grade of "C" in CSCI 5330 and CSCI 5335 and CSCI 5432 or CSCI 3432.
Cross Listing(s): CSCI 5530G.

CSCI 5531 Systems and Software Assurance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course presents a body of knowledge in systems and software assurance and evaluation including security, safety, and integrity analysis. The core part of the course is software assurance where students are exposed to code and architectural analysis, secure coding practices, standards, and tools. The course also explores standards in modeling internal security at the organizational level and will involve students in risk assessments, comprehensive assurance planning, as well as an array of countermeasure considerations.
Prerequisite(s): A minimum grade of "C" in CSCI 1302 and CSCI 3432.
Cross Listing(s): CSCI 5531G.

CSCI 5532 Network Management Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Theory and practice of network management systems architectures and protocols, including fundamentals of standards models, languages, SNMP, broadband and Web-based tools and applications.
Prerequisite(s): A minimum grade of "C" in CSCI 5332.
Cross Listing(s): CSCI 5532G.

CSCI 5538 Wireless and Mobile Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course deals with the basics of cellular and mobile communication systems, multiple radio access procedures and channel allocation techniques, the architecture and functioning of satellite systems including global positioning system different wireless LAN technologies and personal area networks with an emphasis on Bluetooth networks and mobile application development required for mobile and wireless handheld devices like PDAs and cell phones.
Prerequisite(s): A minimum grade of "C" in CSCI 5332 and MATH 1441 or Permission of Instructor.
Cross Listing(s): CSCI 5538G.

CSCI 5590 Special Topics in Computer Science
1-4 Credit Hours. 1-4 Lecture Hours. 1-4 Lab Hours.
Selected new topics in computer science.

CSDS Communication Disorders

CSDS 1001 American Sign Language I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the structure of American Sign Language, as well as to the history and culture of the Deaf Community. Includes use of signs, finger spelling, body language and facial expressions. Grammar is introduced in context, with an emphasis on developing question and answer skills.

CSDS 1002 American Sign Language II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to increase recognition and recall needed to improve conversational skills in ASL to a functional level for expressive and receptive use. Content will provide greater knowledge of the grammar, syntax and other aspects of the language.
Prerequisite(s): A minimum grade of "C" in CSDS 1001.

CSDS 1220 Intro To Comm Disorders
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to professions in communication sciences and disorders and issues relevant to the discipline. Survey of types, characteristics, etiologies, and treatment methodologies of various communication disorders in children and adults.
Cross Listing(s): SLPA 1220.

CSDS 2001 American Sign Language III
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is a continuation of American Sign Language, expanding the emphasis on ASL grammar, vocabulary development, and Deaf culture. Dialogue, short stories, narratives, and short conversation, both receptive and expressive, will be featured through the course.
Prerequisite(s): A minimum grade of "C" in CSDS 1001 and CSDS 1002.

CSDS 2002 American Sign Language IV
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This intermediate course provides students an opportunity to increase their listening and signing skills in depth. Students will be exposed to individuals with hearing impairments as well as Deaf Culture. Students may do observations within the deaf and hard of hearing population.
Prerequisite(s): A minimum grade of "C" in CSDS 2001.

CSDS 2003 Introduction to Interpreting
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an introduction to the role of the interpreter in daily interaction with individuals who are deaf and the hearing population. Also includes discussion of business practices, professional conduct, with emphasis on observance of ethical standards.
Prerequisite(s): A minimum grade of "C" in CSBS 1002.

CSDS 2220 Communication and Deafness
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of speech, language, and hearing problems in populations who are deaf and hard-of-hearing.
CSDS 2230  Anat/Phys Speech/Hearing Mech
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Cross Listing(s): SLPA 2230.

CSDS 2240  Normal Speech/Lang Development
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Phonological, morphological, semantic, syntactic and pragmatic growth. Observation practicum required.
Cross Listing(s): SLPA 3150.

CSDS 2250  Phonetics
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An introduction to the International Phonetic Alphabet (IPA) in communication sciences and disorders. Emphasis on IPA transcription of normal and disordered speech, regional/cultural dialects, diacritical markings, and phonological processes.
Cross Listing(s): SLPA 2250.

CSDS 2260  Communication Disorders in the Media
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An exploration of various communication disorders and how they are portrayed by the media and in the literature.

CSDS 3400  Speech Science
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Prerequisite(s): A minimum grade of "C" in CSDS 2230 and CSDS 2250.
Cross Listing(s): SLPA 3400.

CSDS 3410  Intro to Audiology
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduction to etiology, characteristics, and assessment of individuals with hearing impairments. Directed Observation.
Prerequisite(s): A minimum grade of "C" in CSDS 2230.
Cross Listing(s): SLPA 3410.

CSDS 3420  Language Disorders
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Etiology, characteristics, classification, assessment, and treatment of language disorders. Supervised clinical observations may be required.
Prerequisite(s): A minimum grade of "C" in CSDS 2240.

CSDS 3430  Organ & Neuro Based Comm Disor
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Etiology, characteristics, assessment, and treatment of the disorders of voice, cleft palate, and cerebral palsy. Field experiences may be required.
Prerequisite(s): A minimum grade of "C" in CSDS 2240.

CSDS 3440  Aural Rehabilitation
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Principles of aural rehabilitation with hearing impaired individuals across the lifespan.

CSDS 3450  Speech Sound Disorders
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Etiology, characteristics, classification, assessment, and treatment of speech sound disorders. Supervised clinical observations and field experiences may be required.
Prerequisite(s): A minimum grade of "C" in CSDS 2240 and CSDS 2250.

CSDS 3460  Professional Dilemmas in Healthcare
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Examines dilemmas in health care relevant to today's society and the decision making process involved in service delivery. Philosophical and faith-based belief systems will be explored along with socio-cultural influences, professional codes, organizational and personal standards.

CSDS 3470  Independent Study
1-3 Credit Hours.  1-18 Lecture Hours.  1-18 Lab Hours.
Independent study in an area of interest in Communication Sciences and Disorders.

CSDS 4050  Intercultural Communication
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course explores key concepts of culture as it relates to verbal and nonverbal communication using a global perspective. The course will address topics such as barriers to communication; dimensions of culture; multiculturalism and culture's influence on communication. In addition, students will examine cultural and linguistic variation/language difference versus language disorder. Course materials and activities are designed to expand students' intellectual curiosity, critical thinking, and intercultural competence in the area of speech, language and communication.

CSDS 4151  Clinical Writing for the Health Professions
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Focuses on clinical writing skills for students in the health professions. Clinical documentation such as diagnostic reports, diagnostic plans, and progress notes will be covered. Emphasis on the ability to clearly and effectively express thoughts and information.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

CSDS 4152  Independent Study - Research
1-3 Credit Hours.  1-18 Lecture Hours.  1-18 Lab Hours.
Independent study in an area of Communication Sciences and Disorders to pursue research interests and/or complete research projects.

CSDS 4190  Clin Methods Speech/Lang Path
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduction to organization, scope, and requirements of clinical practice.
Prerequisite(s): A minimum grade of "C" in CSDS 3420 or CSDS 3430 or CSDS 3450.

CVIS 3001  Cardiovascular Interventional Sciences I
6 Credit Hours.  6 Lecture Hours.  4 Lab Hours.
Introduction to field of cardiovascular interventional science, imaging, and equipment. This includes diagnostic and treatment methods, application of specific equipment and devices, contrast media, and technology utilized in the diagnosis and treatment of cardiovascular disease.

CVIS 3001L  Cardiovas Interven Scien I Lab
0 Credit Hours.  0 Lecture Hours.  4 Lab Hours.

CVIS 3002  Cardiovascular Interventional Sciences II
6 Credit Hours.  6 Lecture Hours.  3 Lab Hours.
Caring for the invasive, percutaneous, cardiovascular patient. Includes monitoring essentials and managing medical emergencies associated with the cardiovascular procedures.
Prerequisite(s): A minimum grade of "C" in CVIS 3001.

CVIS 3002L  Cardiova Inter Science II Lab
0 Credit Hours.  0 Lecture Hours.  3 Lab Hours.

CVIS 3003  Physiologic Monitoring and Recording
4 Credit Hours.  4 Lecture Hours.  0 Lab Hours.
The advanced identification and interpretation of ECGs and hemodynamics and cardiac function.
Prerequisite(s): A minimum grade of "C" in CVIS 3002.

CVIS 3100  Introduction to Cardiovascular Interventional Clinical Education
1 Credit Hour.  1 Lecture Hour.  0-18 Lab Hours.
Overview of the clinical setting, administrative structures, legal/compliance requirements, and required documentation.
Prerequisite(s): A minimum grade of "C" in CVIS 3001.
Corequisite(s): CVIS 3002.
DDTS Diagnostic & Therapeutic

DDTS 2001 Intro to Diag and Therap Sci
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
An introduction to the disciplines in DDTS: Medical Laboratory Sciences, Respiratory Therapy, and Radiologic Sciences.
Prerequisite(s): ENGL 1102.
Corequisite(s): DDTS 2001L.

DDTS 2001L Intro to Diag & Therap Sci Lab
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
An introduction to medical terminology relating to allied health including Medical Laboratory Science, Respiratory Therapy and Radiologic Sciences.
Corequisite(s): DDTS 2001.
Cross Listing(s): RADS 3050.

DDTS 3001 Patient Care and Assessment
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
An interdisciplinary approach to the understanding and knowledge of patient interaction, assessment, chart reviews, infection control, professionalism, communication, safety in transferring, disease processes, medical emergencies, managing medical devices, basic pharmacology and basic life support.
Corequisite(s): DDTS 3001L.

DDTS 3001L Patient Care & Assessment Lab
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Practical applications of the fundamental concepts and procedures related to patient care in Diagnostic and Therapeutic Sciences.
Corequisite(s): DDTS 3001.

DDTS 4010 Research Methodologies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Application of quantitative and qualitative approaches to research issues specific to the Diagnostic and Therapeutic Sciences. Topics covered include development of research questions, study design, methodology, data collection and analysis.
Prerequisite(s): HLPR 2000.

DDTS 4020 Management and Leadership
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces leadership concepts, focusing on the contemporary theories of leadership and management, health care financing, and total quality concepts. A course component will include a leadership practicum.

DDTS 4020L Management and Leadership Lab
0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
Corequisite(s): DDTS 4020.

ECON Economics

ECON 1101 Survey of Economics
3 Credit Hours. 0-3 Lecture Hours. 0 Lab Hours.
Basic concepts of micro- and macroeconomics including supply and demand, economic decision-making, prices and wages, money, interest rates, banking systems, unemployment, inflation, taxes, and government spending.

ECON 1150 Prin of Macroeconomics by WC
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Impact of international trade, international finance, and foreign direct investment on various parts of the world with emphasis on current world economic problems.

ECON 2105 Principles of Macroeconomics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Develops methods and reasons for measuring aggregate economic activity, models the determination of gross domestic product, and considers fiscal and monetary policy alternatives and analyzes their implications. Problems associated with achieving and maintaining aggregate economic stability are discussed and informed decision-making about issues of the aggregate economy are emphasized.

ECON 2105M Prin of Macroeconomics By Wc
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

ECON 2106 Principles of Microeconomics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Analyzes the behavior of firms, workers, and consumers in perfectly competitive and imperfectly competitive markets. Particular emphasis is placed on firm behavior and how it is affected by the characteristics of the market.

ECON 3100 Multinational Econ Enterprises
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Evolution of multinational economic enterprises and their effect on jobs and exports/imports in the U.S. and on the economics of less developed countries.
Prerequisite(s): A minimum grade of "C" in ECON 2105.

ECON 3132 International Trade
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The study of international trade both in theory and practice. The course will cover standard trade theory models from Ricardo to Heckscher-Ohlin, including criticism of the theories. Provides students with the tools necessary to analyze trade and the likely impact of trade on domestic economic policy. Course will focus on microeconomic trade issues.
Prerequisite(s): A minimum grade of "C" in ECON 2105 and ECON 2106.

ECON 3132 International Trade
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of international trade both in theory and practice. The course will cover standard trade theory models from Ricardo to Heckscher-Ohlin, including criticism of the theories. Provides students with the tools necessary to analyze trade and the likely impact of trade on domestic economic policy. Course will focus on microeconomic trade issues.
Prerequisite(s): A minimum grade of "C" in ECON 2105 and ECON 2106.

ECON 3231 Intermediate Microeconomics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The market mechanism and its relationship to major institutions. Household decision making and consumer demand. Production, cost and the firm's supply decision. Market structures, market failures and the appropriate role of government policy.
Prerequisite(s): A minimum grade of "C" in ECON 2105 and ECON 2106.
**ECON 3232 International Macroeconomics**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Studies macroeconomic relationships and policies in an open economy. Examines the balance of payments, the foreign exchange market, exchange-rate determination under alternative exchange-rate regimes, and international financial and monetary systems from the macroeconomic perspective.  
**Prerequisite(s):** A minimum grade of "C" in ECON 2105 and ECON 2106.

**ECON 3460 Economics of Immigration**  
3 Credit Hours. 0-3 Lecture Hours. 0 Lab Hours.  
Effects of immigration and immigration policy on labor markets, economic growth, education finance, health care finance, old-age retirement, enforcement costs, and federal, state, and local government finance. Focus is primarily on U.S. immigration.  
**Prerequisite(s):** A minimum grade of "C" in ECON 2105 or ECON 2106.

**ECON 3480 Economics of Vice**  
3 Credit Hours. 0-3 Lecture Hours. 0 Lab Hours.  
Economic analysis of markets for goods and services that may be illegal or objectionable by community norms. Topics may include pornography, prostitution, drugs, human trafficking, gambling, corruption, alcohol, intellectual property theft, and cybercrime.  
**Prerequisite:** ECON 2106.

**ECON 3630 Economic History of U.S.**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Growth and development of economic institutions in the United States from the colonial period to the present with emphasis on the period since 1860. Developments in agriculture, industry, labor, transportation, and finance.  
**Prerequisite(s):** Completion of HIST 2111 or HIST 2112.  
**Cross Listing(s):** HIST 3630.

**ECON 3710 Business and Economic Forecasting**  
3 Credit Hours. 0-3 Lecture Hours. 0 Lab Hours.  
Concepts in time series analysis such as autoregression, moving averages, stationarity, and cointegration. Applications include topics such as macroeconomic and financial forecasting.  
**Prerequisite(s):** A minimum grade of "C" in ECON 2105 and ECON 2106 and BUSA 3131 or STAT 1401.

**ECON 4030 Special Topics in Economics**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A customized course that allows students to pursue further study in a specific topic. Topics for the course may include, but not limited to, sports economics, behavioral and experimental economics, economics of social issues, history of economics thought, game theory, or resource economics.  
**Prerequisite(s):** A minimum grade of "C" in ECON 2105 and ECON 2106.

**ECON 4131 Applied Econometrics**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
The course presents essential methods and tools of empirical analysis used in applied economics. The central theme is estimation and evaluation of regression models and interpretation of the results. Basic guidance on using a leading econometric software package for these purposes is provided.  
**Prerequisite(s):** A minimum grade of "C" in BUSA 3132 or STAT 1402 and ECON 2106 and Senior Standing or permission of department chair.

**ECON 4210 Internation Law Exprop/Compens**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examination of the traditional Western view of the right of governments to expropriate foreign-owned property compared to the view of many third-world and Marxist governments expropriating property owned by U.S. citizens and corporations. Focus on arbitration and adjudication processes, as well as the role of the executive and legislative branches.  
**Corequisite(s):** POLS 4134.

**ECON 4242 Analyzing Innovation Through Science Fiction**  
3 Credit Hours. 0-3 Lecture Hours. 0 Lab Hours.  
Analysis of the process, limits, intended and unintended consequences of innovation and technological change through the synthesis of materials in business, economics, and science fiction, broadly defined. Other media and genres may be included.  
**Prerequisite(s):** ECON 2106.

**ECON 4331 Money and Banking**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A study of money, banking, and financial markets with particular emphasis on the impact that monetary policy has on business decision making.  
**Prerequisite(s):** A minimum grade of "C" in ECON 2105 and ECON 2106.

**ECON 4332 Labor Economics**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A study of wage and employment determination in the labor market. Topics include discrimination, human capital development, labor union, and unemployment.  
**Prerequisite(s):** A minimum grade of "C" in ECON 2105 and ECON 2106.

**ECON 4333 Managerial Economics**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Presents the theory of the firm as an aid to business decision-making, examines the employment relationship and incentive structures within and among firms, the make -or-buy decision, and the problems arising from incomplete contracting and opportunism.  
**Prerequisite(s):** A minimum grade of "C" in ECON 2105 and ECON 2106.

**ECON 4334 Transportation Economics**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Provides students with the basic economic analysis of transportation, including the economic theories of transportation and location of economic activity, the history and current status of government regulation of transportation activities, and empirical analysis of the behavior of the transportation industries.  
**Prerequisite(s):** A minimum grade of "C" in ECON 2105 and ECON 2106.

**ECON 4335 Public Finance and Public Policy**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A study of the role of government in a market economy, how governments can efficiently allocate expenditures among the various members of society, the government decision-making process, cost-benefit analysis, government expenditures, and the effects and incidence of taxation. The focus of the course is on the federal government. The course also examines various public policy issues, such as welfare to work programs, health care, and Social Security.  
**Prerequisite(s):** A minimum grade of "C" in ECON 2105 and ECON 2106.

**ECON 4336 Industrial Organization and Regulation**  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An introduction to the scientific study of imperfectly competitive markets. Topics include the causes of market imperfections (economies of scale, barriers to entry, etc.), behavioral and performance responses by firms to market imperfections, and government policy responses to market imperfections (antitrust law and regulation).  
**Prerequisite(s):** A minimum grade of "C" in ECON 3231.
ECON 4337 Environmental Economics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will apply the basic principles of microeconomics to analyze a variety of environmental and natural resource policy problems. We will examine the causes of natural resource and environmental problems, the consequences of these problems, and measures for dealing with them. We will examine many real environmental and resource problems, including but not limited to, the depletion of oceanic fisheries, tropical deforestation, acid rain, pollution control, and endangered species.
Prerequisite(s): A minimum grade of "C" in ECON 2106.

ECON 4338 Health Economics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will apply the basic principles of microeconomics and statistics to health and health care markets. Topics addressed using economic theory and empirical methodology include the demand and supply of health care, health care market imperfections, and roles and behavior of physicians, hospitals, health insurers, and the government.
Prerequisite(s): A minimum grade of "C" in ECON 2105 or ECON 2106 and BUSA 3131 or STAT 1401.

ECON 4339 Economic Analysis of the Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the effects of legal rules on economic performance. The incentives for individual and firm behavior encompassed in legal rules are analyzed. Topics include legal systems and the economic analysis of property, torts, contracts, corporations, and criminal behavior.
Prerequisite(s): A minimum grade of "C" in ECON 2105 and ECON 2106.

ECON 4340 International Economics
3 Credit Hours. 0-3 Lecture Hours. 0 Lab Hours.
International monetary relations, different exchange rate systems, the balance of payments adjustment, and a survey of major international financial institutions.
Prerequisite(s): A minimum grade of "C" in ECON 2105.

ECON 4341 Economic Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the economic and social challenges faced by rural areas of the United States and developing countries. The main concern is on what resources rural economies have, and how these resources can be used to sustain economic development. Special attention is given to economic development strategies that emphasize equity in distribution as a goal as well as access to resources by a wide cross-section of citizens.
Prerequisite(s): A minimum grade of "C" in ECON 2105.

ECON 4347 Regional and Urban Economics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an overview of urban and regional economics, including the theories of regional growth and urban development. It also provides a framework for understanding regional economic development and the regional development planning process.
Prerequisite(s): A minimum grade of "C" in ECON 2105.

ECON 4450 Comparative Economics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Alternate economic systems as they relate to property rights and incentives, centralization, resource allocation, and distribution of income, economic development and economic transition.
Prerequisite(s): A minimum grade of "C" in ECON 2105 or ECON 2106.

ECON 4534 Commercial Risk Management and Insurance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course involves property and liability risks and the effective management of these risks with insurance. Application of property insurance to pure risk exposures including direct and indirect property. Application of liability insurance to general liability and catastrophic liability risks. Current topics in the field of commercial property and liability insurance.
Prerequisite(s): A minimum grade of "C" in FINC 3131.
Cross Listing(s): FINC 4534.

ECON 4550 Public Choice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Application of economic theory and methodology to the study of non-market (political, governmental and other collective) decision making. Causes and consequences of governmental growth, elections, the behavior of bureaucrats, competition among interest groups, and constitutional economics.
Prerequisite(s): A minimum grade of "C" in ECON 3231.

ECON 4631 Eagles on Wall Street
3 Credit Hours. 1 Lecture Hour. 0 Lab Hours.
This course will introduce students to the important topics of Wall Street finance, investment banking, and the financial markets of New York City. Students will meet with executives from the world’s most prestigious banking, investment, and financial services firms. Because New York City (NYC) is one of the most important financial centers in the world, the location and setting will provide an excellent backdrop for the topics covered. Furthermore, NYC offers many venues that can be visited by the class to illustrate and reinforce the concepts discussed in the classroom. The classroom portion of the course will give students a broad overview of different sectors of the financial world while the travel portion will provide a chance for students to network with established professionals. Students could easily use this experience as a starting point to launch a Wall Street career. Regardless of a student’s intended career path, this course will broaden horizons and introduce students to the many opportunities available on Wall Street and in the field of finance. Expenses specific to the travel portion of the course may vary.
Prerequisite(s): A minimum grade of "C" in FINC 3131.
Cross Listing(s): FINC 4631.

ECON 4790 Internship in Economics
3-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The student is to work with/or a manager of the enterprise in a management training or special projects capacity. Management level responsibilities and duties are expected of the student.

ECON 4830 Special Problems in Economics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A customized course that is under the direction of a faculty sponsor. It allows students to pursue farther study in a specific topic. Topics for the course may include, but are not limited to, sports economics, behavioral economics, economics of social issues, history of economic thought, or resource economics.
Prerequisite(s): Junior standing.

ECON 4890 Directed Study in Economics
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Designed for independent study and research in selected areas of economics under faculty supervision.
Prerequisite(s): Permission of Department Chair.

ECON 4900 Economic Methods & Sen Thesis
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Should be taken the last term available before graduation. Review of the methods and tools of economic analysis culminating in an extensive research report (International Economics track requires a topic related to international economics) which will be evaluated by a departmental committee. Honors senior theses must meet the standards for presentation at a professional conference or submission to a journal.
Prerequisite(s): Completion of ECON 3710.
Cross Listing(s): motions of the sky, seasons, planetary geology and atmospheres, moons, in K-12 education. Students will also develop an understanding of the to introduce or enhance a performance-based space science curriculum 4 Credit Hours.

EDSC   5161   Space Science for Teachers: Our Earth and Solar System
4 Credit Hours. 0 Lecture Hours. 0 Lab Hours. A study of our Earth and Solar System to provide a framework for teachers to introduce or enhance a performance-based space science curriculum in K-12 education. Students will also develop an understanding of the history, methods and physics of solar system astronomy. Topics include motions of the sky, seasons, planetary geology and atmospheres, moons, asteroids and comets.
Cross Listing(s): EDSC 5161G.

Cross Listing(s):

EDUC   2090   PPB Practicum
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours. This Pre-Professional Block Practicum is designed to assist students to integrate and apply knowledge gained through class activities in each of the following Area F Pre-Professional Block courses: EDUC 2110, Investigating Critical and Contemporary Issues in Education; EDUC 2120, Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts; EDUC 2130, Exploring Learning and Teaching. This practicum requires the completion of a variety of field-based assignments from each course. Successful completion of this practicum may be used to complete one of the requirements for admission to the Teacher Education Program. This 0-credit course will be completed as part of the Area F Pre-Professional Block. One-credit hour registration is needed only if student does not successfully complete the PPB Practicum course on the first attempt.
Corequisite(s): EDUC 2110, EDUC 2120, EDUC 2130.

EDUC   2110   Investigating Critical and Contemporary Issues in Education
3 Credit Hours. 2 Lecture Hours. 2 Lab 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. Students will actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, students will reflect on and interpret the meaning of education and schooling in a diverse culture and examine the moral and ethical responsibilities of teaching in a democracy.
Corequisite(s): EDUC 2090, EDUC 2120, EDUC 2130.

EDUC   2120   Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours. Given the rapidly changing demographics in our state and country this course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity, and 4) the influences of culture on learning, development, and pedagogy.
Corequisite(s): EDUC 2090, EDUC 2110, EDUC 2130.

EDUC   2130   Exploring Learning and Teaching
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours. Explore key aspects of learning and teaching through examining your own learning processes and those of others, with the goal of applying your knowledge to enhance the learning of all students in a variety of educational settings and contexts.
Corequisite(s): EDUC 2090, EDUC 2110, EDUC 2120.

EDUC   3234   Educational Psychology: Sec Ed
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
EDUF Educational Foundations

EDUF 1230 Education, Society and Learners
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Education of youth is one of the foremost responsibilities of any society and greatly impacts the future well being of the society. As a member of a society, an employer, a parent, a taxpayer, the future of our society depends upon the quality of the job done in the education of its youth. This course utilizes both psychological and sociological foundations of education to enable students to understand and participate in these important social and political debates.

EDUF 2090 Special Topics in Educational Foundations
3 Credit Hours. 0-3 Lecture Hours. 0 Lab Hours.
Designed to provide specialized coursework to meet the needs of students. Attention will be directed toward a wide range of topics as they relate to education.

EDUF 2121 Human Growth and Development
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
This course provides an introduction to the study of growth and development of the person from conception through adolescence. Particular aspects of development, such as physical, social/personality, emotional, intellectual, and moral development, and the relationship of these aspects of development to learning and achievement in school will be addressed.

EDUF 3040 Childhood Development from Prenatal Period to Adolescence
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an introduction to the development of social, emotional, cognitive, language and physical processes from the prenatal period to adolescence. Emphasis will be placed on connecting theories and concepts to applied settings involving work with children.

EDUF 3131 Assessment for Differentiated Instruction
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The purpose of this course is to provide advanced preparation in a variety of evidence-based, best practice assessment techniques for differentiating learning. The course will provide pre-service P-5 teacher candidates with the knowledge and skills to create, implement, and interpret developmentally appropriate valid and reliable traditional and alternative forms of assessment, as well as standardized assessments. Differentiation principles will be utilized for developing assessments, interpreting assessment data, and planning instruction.
Prerequisite(s): Admission to the Teacher Education Program.

EDUF 3232 Educational Psychology: General
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Students will examine psychological principles of learning, cognition, motivation, behavior and the practical implications of these principles for teaching, learning, and assessment. The development of skills to interpret behavior and classroom interaction within a framework of psychological theory will be a major feature of the course.
Prerequisite(s): Junior standing and admission to Teacher Education Program; completion of pre-professional block or equivalent.

EDUF 3234 Educational Psychology: Secondary Education
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
Examines psychological principles of learning, cognition, motivation, behavior and the practical implications of these principles for teaching, learning, and assessment. The development of skills to interpret behavior and classroom interaction within a framework of psychological theory will be a major feature of the course. Requires an additional lab component.
Prerequisite(s): Junior standing and admission to Teacher Education Program.

EDUF 5133 Assessment and Procedures for Teaching Gifted and Talented Learners
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course emphasizes research-based strategies for instruction and assessments to enhance gifted student performance. The course provides teachers of gifted learners ways to identify appropriate identification procedures for gifted learners, design, analyze, and use results from student assessments to diagnose problems, improve teaching, and to motivate gifted students' learning. Course participants will examine assessments tools, analyze districts' assessment and gifted eligibility requirements, and consider their uses and limitations for identifying individuals with exceptional learning needs, including students from diverse backgrounds. The course has a required field component.
Prerequisite(s): A minimum grade of "D" in ESED 5130, ESED 5131, ESED 5132.
Cross Listing(s): EDUF 5133G.

EDUR Educational Research

EDUR 3130 Introduction to Research Methods in Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an undergraduate introductory course in educational research. Research designs, methods and applications of research specific to investigations while working in schools will be explored. Practical informal and formal data collection approaches are assigned to illustrate techniques teachers use when compiling data to inform their practice.

EENG Electrical Engineering

EENG 3230 Electromagnetic Fields
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of electromagnetic fields theory and applications including Coulomb's law, Gauss' law, Divergence Theorem, potentials, polarizations, conductance, capacitances, boundary conditions, Ampere's law, Biot savart law, Faraday's law, Maxwell's equations, uniform plane and wave propagation.
Prerequisite(s): A minimum grade of "C" in MATH 2243 and prior or concurrent enrollment in ENGR 2334.

EENG 3241 Electric Machines w/Lab
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
The concepts of electric machines and their operational characteristics are covered with emphasis on different types of DC/AC motors and generators including single-phase and three-phase transformers. The course also includes laboratory activities in support of instruction.
Prerequisite(s): A minimum grade of "C" in all of the following: EENG 3230 and EENG 3345.

EENG 3337 Power Systems Fundamentals
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to introduce students to the basic concepts of electric power systems. Single-phase and 3-phase networks, electric power generation, transformers, transmission lines, and power flow analysis including stability and fault analysis are thoroughly covered. Additional topics dealing with conventional energy sources, electricity market, and regulations affecting the power sector are introduced and discussed. Students are expected to perform power flow simulations using Power World Software and/or other professional programming tools for power system studies.
Prerequisite(s): Prior with a minimum grade of "C" or concurrent enrollment in EENG 3241.
EENG 3340 Microcontrollers with Lab
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
Fundamental concepts of microcontroller architecture, including the Central Processing Unit (CPU), memory devices (ROM & RAM), input/output peripheral devices and sensor interfacing. Students learn to write programs in C and Assembly languages used to implement real practical applications using microprocessors. The course includes laboratory activities in support of instruction.
Prerequisite(s): A minimum grade of "C" in ENGR 1732 and ENGR 2323.

EENG 3341 Microelectronics with Lab
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
A study of the characteristics and design of bipolar junction and metal oxide semiconductor integrated circuit devices with emphasis on commercial and industrial applications including operational amplifiers, digital logic, and solid state memory.
Prerequisite(s): A minimum grade of "C" in EENG 3345 and CHEM 1310 or equivalent.

EENG 3345 Circuit Analysis II with Lab
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
The course focuses on advanced topics in circuit analysis and design. Topics include Phasor analysis, three-phase systems, AC steady-state power, transformers, transfer functions, Bode plots, passive and active filters, Laplace and Fourier transforms, and two-port networks.
Prerequisite(s): A minimum grade of "C" in ENGR 2334.

EENG 3420 Linear Systems
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
The mathematical foundations and modeling techniques to solve linear systems are covered in this course. Topics include vectors and matrices, eigenvalues and eigenvectors, Fourier series, Fourier transform, Laplace transform, and Z-transform. Several engineering applications in control and communication systems are provided.
Prerequisite(s): A minimum grade of "C" in MATH 3230 and prior or concurrent enrollment in EENG 3345.

EENG 3421 Advanced Engineering Analysis
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
This course offers introduction to the basic concepts of probability within engineering systems such as discrete and continuous random variables and their properties. This course also introduces the basic concepts of statistics and design of experiments such as randomization, replication, blocking, hypothesis Testing, Z-test, t-test, ANOVA, pair-wise comparisons, and randomized complete block designs. Matlab and Minitab software are used to support instruction.
Prerequisite(s): A minimum grade of "C" in MATH 2242.

EENG 4620 Senior Project I
2 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course is the first sequence of a two-semester long capstone project with emphasis on project research, design, simulation, development and teamwork, under real engineering constraints. Topics include background and state-of-the-art research on the particular topics of the projects, tasks scheduling, project management, and the research of ethical, environmental and sustainability issues related to the project. Students are required to work in teams, conduct research and start basic project design under the direction of a faculty advisor.
Prerequisite(s): A minimum grade of "C" in EENG 3340 and EENG 3341.

EENG 4621 Senior Project II
2 Credit Hours. 0.1 Lecture Hours. 0.2 Lab Hours.
This course is the second sequence of a two-semester long capstone project with emphasis on project implementation. Students continue the implementation process of their projects including CAE/CAD software development, program writing, printed circuit board fabrication, systems testing, and performance evaluation. Course requirements include weekly progress meetings, oral presentations, a comprehensive final report, and a final project demonstration.
Prerequisite(s): A minimum grade of "C" in EENG 4620.

EENG 4890 Directed Study in Electrical and Computer Engineering
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
An individualized study involving research and applications pertaining to Electrical Engineering or Computer Engineering.
Prerequisite(s): Prior study form as approved by instructor.

EENG 5090 Selected Topics in Electrical and Computer Engineering
1-4 Credit Hours. 0-3 Lecture Hours. 0-6 Lab Hours.
Students in this course will have the opportunity to study selected topics in Electrical Engineering or Computer Engineering not currently offered by these programs.
Prerequisite(s): Permission of Instructor.

EENG 5234 Nuclear Power System Fundamentals
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces the basic principles, technologies and components of nuclear power systems. It provides a broad scientific and technological understanding of nuclear energy and the nuclear fuel cycle, understanding of economic, environmental, and political issues that influence the nuclear fuel cycle. This course focuses on nuclear power systems from an electrical power utility perspective with many of the topics applicable to other large commercial and industrial power systems.
Prerequisite(s): A minimum grade of "C" and prior enrollment in EENG 3337.

EENG 5235 Converters Control Techniques
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course presents the needed techniques for analyzing power electronic converters, modeling their dynamics, and designing and synthesizing various types of controllers for them, specifically employed in multi-terminal, hybrid ac/dc, smart grids, and their real-time implementation in digital real-time simulation platforms.
Prerequisite(s): A minimum grade of "C" in EENG 3337 and EENG 3420 and prior or concurrent enrollment in EENG 5431.

EENG 5242 Power Systems Protection with Lab
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course offers a comprehensive study of methods and devices used in power system protection including relay types, responses, pilot wire, carrier systems, transmission lines, transformers, machines protection, and modern trends in protection technology. This course will review the need for protection of power system elements and explore the development and regulations of smarter, more flexible protective systems applied to modern power grids. Students will learn the trade-offs between reliability, selectivity, speed, simplicity, and economy using real world case studies. A hands-on lab project, using state of the art equipment, will also be completed during the course.
Prerequisite(s): A minimum grade of "C" in EENG 3337 or Permission of Instructor.

Cross Listing(s): EENG 5234G.
EENG 5235 Converters Control Techniques
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course presents the needed techniques for analyzing power electronic converters, modeling their dynamics, and designing and synthesizing various types of controllers for them, specifically employed in multi-terminal, hybrid ac/dc, smart grids, and their real-time implementation in digital real-time simulation platforms.
Prerequisite(s): A minimum grade of "C" in EENG 3337 and EENG 3420 and prior or concurrent enrollment in EENG 5431.

Cross Listing(s): EENG 5235G.

EENG 5242 Power Systems Protection with Lab
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course offers a comprehensive study of methods and devices used in power system protection including relay types, responses, pilot wire, carrier systems, transmission lines, transformers, machines protection, and modern trends in protection technology. This course will review the need for protection of power system elements and explore the development and regulations of smarter, more flexible protective systems applied to modern power grids. Students will learn the trade-offs between reliability, selectivity, speed, simplicity, and economy using real world case studies. A hands-on lab project, using state of the art equipment, will also be completed during the course.
Prerequisite(s): A minimum grade of "C" in EENG 3337 or Permission of Instructor.

Cross Listing(s): EENG 5242G.
EENG 5243 Power Electronics with Lab  
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.  
A coverage of the concepts of power electronics and converters including the use of thyristors, triacs, timers, logic control circuits, optical devices, and sensors. The course also includes laboratory activities in support of instruction.  
Prerequisite(s): A minimum grade of "C" in EENG 3241 and EENG 3341.  
Cross Listing(s): EENG 5243G.  

EENG 5244 Smart Grids Technology Fundamentals with Lab  
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.  
This course introduces new topics related to distributed generation, micro-grids, renewable energy sources, and smart homes applications. Topics covered include design, modeling, control, and analysis to provide a working knowledge of smart-grid systems. Concepts dealing with computational intelligence, decision support systems, smart metering, optimization, and renewable energy sources are presented and discussed. The laboratory component will provide students with hands-on experience in the utilization of smart-grid technologies and equipment.  
Prerequisite(s): A minimum if "C" and prior or concurrent enrollment in EENG 3340 or MENG 3521.  
Cross Listing(s): EENG 5244G.  

EENG 5330 Network Science  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course introduces students to emerging technologies (such as smartphones, wiki, Facebook, YouTube, Twitter) that define our networked life while detailing the underlying engineering concepts governing their operation. This course includes an introduction to the basics of analytical and engineering techniques such as optimization, game/auction theory, graph analysis, and learning as applied to networked technologies. In addition, the course explains the use of these concepts to answer key practical questions pertaining to networks and their impacts on real-world engineering systems.  
Prerequisite(s): This course introduces students to emerging technologies (such as smartphones, wiki, Facebook, YouTube, Twitter) that define our networked life while detailing the underlying engineering concepts governing their operation. This course includes an introduction to the basics of analytical and engineering techniques such as optimization, game/auction theory, graph analysis, and learning as applied to networked technologies. In addition, the course explains the use of these concepts to answer key practical questions pertaining to networks and their impacts on real-world engineering systems. Prerequisite(s): A minimum grade of "C" and prior enrollment in EENG 3421 or permission of instructor.  
Cross Listing(s): EENG 5330G.  

EENG 5341 Robotic Systems Design with Lab  
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.  
The principles of robotics are introduced with emphasis on mobile robots and applications. Topics include robot mechanical base design, motor control, sensor interfacing, robot navigation techniques and path planning. Students will work in teams to design and build mobile robotic systems for different applications. The course also includes laboratory activities in support of instruction.  
Prerequisite(s): A minimum grade of "C" in EENG 3340 or MENG 3521 or Permission of Instructor.  
Cross Listing(s): EENG 5341G.  

EENG 5342 Computer Systems Design with Lab  
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.  
Digital computers with emphasis on design and simulation are covered including instruction set design, processor implementation, pipelining, cache design, memory hierarchy, and input/output. The course also includes laboratory activities in support of instruction.  
Prerequisite(s): A minimum grade of "C" in EENG 3340 or Permission of Instructor.  
Cross Listing(s): EENG 5342G.  

EENG 5341 Control Systems with Lab  
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.  
Introduction to classical control theory and applications is presented with emphasis on feedback and its properties including the concept of stability, stability margins, and the different tools that can be used to analyze the system properties. Students will develop a working knowledge of the basic elements of linear control techniques. The course also includes laboratory activities in support of instruction.  
Prerequisite(s): A minimum grade of "C" in EENG 3420 or Permission of Instructor.  
Cross Listing(s): EENG 5341G.  

EENG 5342 Programmable Logic Controllers with Lab  
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.  
Topics covered include sequential programmable logic controllers (PLC's) with emphasis on ladder diagrams, input/output devices, networking, and programming design through advanced functions. The course also includes laboratory activities in support of instruction.  
Prerequisite(s): A minimum grade of "C" in EENG 3342 or Permission of Instructor.  
Cross Listing(s): EENG 5342G.  

EENG 5343 Machine Learning and Adaptive Control  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Machine Learning is one of the most widely applied technical fields in the academia and industry. The class covers fundamental algorithms in machine learning including linear regression, classification, neural networks, support vector machines, clustering, and introduction to reinforcement learning. This course also covers adaptive control algorithms: including direct and indirect adaptive control. Electrical Engineering applications are demonstrated in image processing, autonomous driving, and robotics.  
Prerequisite(s): A minimum grade of "C" in EENG 3421 and prior or concurrent enrollment in EENG 5431.  
Cross Listing(s): EENG 5433G.  

EENG 5434 Engineering Optimization Methods  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
The course introduces the students to practical optimization methods for solving real-world applications and preparing them for a career in academia and industry. Topics to be covered include linear programming, un constrained optimization, convex optimization, dynamic programming, and their applications to multiple electrical engineering systems.  
Prerequisite(s): A minimum grade of "C" in EENG 3420 and prior or concurrent enrollment in EENG 5540.  
Cross Listing(s): EENG 5434G.  

EENG 5532 Wireless Communications  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
The concepts and techniques of wireless communication systems are covered in this course including propagation channels, communication link analysis, transceivers, signal processing, and multiple access schemes.  
Prerequisite(s): A minimum grade of "C" in EENG 3320 or Permission of Instructor.  
Cross Listing(s): EENG 5532G.  

EENG 5533 Optical Fiber Communications  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course offers introduction to the physics of optical fiber communication components and the applications to communication systems. Topics include light and its behavior in the fiber, fiber attenuation, dispersion and nonlinear effects, laser modulation, photo detection and noise, receiver design, bit error rate calculations, and coherent communications.  
Prerequisite(s): A minimum grade of "C" in EENG 5540 or Permission of Instructor.  
Cross Listing(s): EENG 5533G.
EENG 5535  Electronic Warfare
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers the fundamental materials of electronic warfare (EW) including basic mathematical/physical concepts of EW, antenna parameters, various types of antennas, aperture, phased arrays, radar system, radar range resolution, radars range equations, radar wave equation, radar cross section (RCS), propagation, LPI signals, jamming, decoys, and simulation with CST and FEKO software.
Prerequisite(s): A minimum grade of "C" in EENG 3230 and ENGR 2341.
Cross Listing(s): EENG 5535G.
EENG 5538  Cybersecurity for Networked Electrical and Electronics Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to introduce emerging topics related to cybersecurity for networked electrical & electronics systems and cyber-physical systems. The course will provide theoretical understanding and practical basis of cybersecurity for networked systems including Shannon's secrecy system, information-theoretic security, wiretap channels, cyber-attacks on electrical and electronics systems (smart power grid, embedded systems, connected electric vehicles, space communications, etc.), general cybersecurity models, jamming and anti-jamming, broadcast/interference channels cooperative secrecy, interference and broadcast channel with confidential messages, cooperative secrecy, and security limits of Gaussian and wireless channels.
Prerequisite(s): A minimum grade of "C" in all of the following: ENGR 2332 and EENG 3421 or CSCI 5332 or IT 5434 or permission of instructor.
Cross Listing(s): EENG 5538G.
EENG 5540  Communication Systems with Lab
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
The theory and principles of communication systems are presented in this course. Topics covered include AM, FM, and PM modulation/demodulation, transmission and reception, noise and random processes, pulse modulation, and digital transmission techniques. Laboratory emphasizes hands-on modeling of modulation and demodulation techniques.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in EENG 3421 or permission of instructor.
Cross Listing(s): EENG 5540G.
EENG 5541  Digital Communications with Lab
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
Theory and applications of digital communications systems are covered. Topics include ASK, FSK, DPSK, QAM, signaling over AWGN, bandlimited and fading channels, inter-symbol interference, and error-correction codes. The course also includes hands-on laboratory activities in support of instruction.
Prerequisite(s): A minimum grade of "C" in EENG 5540 or Permission of Instructor.
Cross Listing(s): EENG 5541G.
EENG 5543  Antennas and Wireless Propagation with Lab
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course introduces basic concepts of dipoles and monopoles, solution to radiation problems, antenna parameters, different types of antennas, antenna aperture/array theory, radio wave propagation, impact of antenna performance in communication links. The course also includes laboratory activities in support of instruction.
Prerequisite(s): A minimum grade of "C" in EENG 3230.
Cross Listing(s): EENG 5543G.
EENG 5891  Special Problems in Electrical and Computer Engineering
3 Credit Hours. 0-3 Lecture Hours. 0-2 Lab Hours.
This course provides for specialized study in the area of Electrical and Computer Engineering not currently offered by these programs.
Prerequisite(s): As determined by Instructor.
Cross Listing(s): EENG 5891G.
EGC East Georgia College
EGC 1000  East Georgia College
99 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
ELEM Elementary Education
ELEM 3131  Elementary Curriculum & Methods
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces the teacher candidate to the curriculum, instruction, assessment, and organization of elementary schools serving a preschool through fifth grade population. Emphasis is placed on elementary schools implementing developmentally appropriate practices to meet the diverse needs of the elementary population. Field experience required.
Prerequisite(s): Admission to the Teacher Education Program.
ELEM 3232  Elementary Arts and Literature Across the Curriculum
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Teacher candidates will become acquainted with the vast selection of children's literature and critical perspectives for selecting from that variety; and with the theories and processes of creativity and art disciplines. Literature and Arts standards will be explored, along with strategies for incorporating them across the curriculum.
Prerequisite(s): Admission to the Teacher Education Program.
ELEM 3233  Elementary Language Arts Methods
3 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
This course incorporates instructional strategies for a variety of methods for developing critical thinking in the areas of literacy and language arts.
Prerequisite(s): A minimum grade of "C" in all of the following: ELEM 3131 or SPED 3133, ELEM 3232 and admission to Teacher Education Program.
ELEM 3732  Elementary Pre-Internship
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This practicum experience is designed to provide the teacher candidate with meaningful opportunities to observe, actively engage in classroom activities, and teach in a supervised P-5 classroom. This experience builds upon ELEM 3131 or SPED 3133 by applying new knowledge of teaching, learning, and assessing through increased field hours. Elementary Education majors will be placed in a general education classroom, and Elementary/Special Education majors will be placed in a special education setting or inclusive classroom.
Prerequisite(s): A minimum grade of "C" in ELEM 3131 or SPED 3133 and admission to Teacher Education Program.
ELEM 4090  Special Topics
1,3 Credit Hour. 1,3 Lecture Hour. 0 Lab Hours.
This course provides specialized training appropriate to meet the needs of pre-service teachers. Attention will be given to a range of specific problems as they relate to the elementary, middle, or secondary schools and teaching field.
Prerequisite(s): Approval of advisor, instructor, and department chair.
ELEM 4333  Elementary Mathematics Methods
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines teaching and learning in the elementary mathematics classroom and emphasizes best practice in mathematics instruction and assessment. This course provides the teacher candidate with an understanding of how to make mathematics learning meaningful and appropriate for children in grades P-5.
Prerequisite(s): A minimum grade of "C" in ELEM 3131 or SPED 3133 and admission to Teacher Education Program.
ENGL 2100 Literature And Humanities
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of literature as an expression of the humanities through study of several complete works from at least two historical periods, two genres, and two cultures/countries. Includes an essay or projects involving documentation.

ENGL 2111 World Literature I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of representative works of world literature from ancient times to the end of the 17th century, with emphasis on critical reading and writing skills.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
ENGL 2112 World Literature II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of representative works of world literature from the mid-17th century to the present, with emphasis on critical reading and writing skills.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

ENGL 2121 British Literature I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of important works of British literature from its beginnings to 1800.

ENGL 2122 British Literature II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of important works of British literature from approximately 1800 to the present.

ENGL 2131 American Literature I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of American Literature from the colonial period to the mid-19th century.

ENGL 2132 American Literature II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of American Literature from the mid-19th century to the present.

ENGL 2434 The Language of Film
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the semantics of cinema and the evolution of the film language. The course will examine technical, literary, and cultural means and aspects of communicating meaning in film.

ENGL 3025 Pop Culture Theory and Criticism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of the theoretical and critical approaches to the study of various forms of popular cultural expression such as film, television, popular literature, magazines and music. Critical methodologies present may include semiotics, genre criticism, ethnography, feminism and cultural studies.
Cross Listing(s): COMM 5025.

ENGL 3030 Selected Topics in Cinema
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Courses will cover a variety of special topics in film, such as specific film genres, auteurs, critical approaches, historical film movements, and representation. May be repeated for additional credit with new topics.
Cross Listing(s): FILM 3030.

ENGL 3090 Selected Topics in Literature
1-9 Credit Hours. 1-9 Lecture Hours. 0 Lab Hours.
Selected topics in English.

ENGL 3110 Intro To Literary Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Vocabulary and approaches of modern literary criticism, reading and interpretation of literary texts, and the tools of literary research and writing.

ENGL 3141 The Bible as Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the Bible from the perspective of literary analysis, focusing on the Bible's historical, generic, and narrative contexts as well as its subsequent influence on western literature.

ENGL 3150 Mythology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the major characters, plots, and themes of mythical narratives.

ENGL 3200 Introduction to the Novel
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An exploration of the origins and development of the novel as a distinct literary form, examining the aesthetic, philosophical, and social concerns that inform selected works from the eighteenth, nineteenth, and twentieth centuries. The course may focus primarily on the American or the British novel, or it may integrate the two through a specific thematic focus.

ENGL 3232 The Art of Film Adaptation of Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Comparative interpretation of the differences between literature and film and the complex challenges of turning diverse narrative literature into autonomous works of cinema.

ENGL 3300 Introduction to Dramatic Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of dramatic literature from its origins to the present, addressing the genre's unique characteristics, the development of its techniques, the range of its uses and concerns, and its major literary and theatrical practitioners.

ENGL 3331 History of Cinema
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of aesthetic, economic, social, technological and industry development of cinema from 1896 to the present day with an emphasis on film movements and film analysis.
Cross Listing(s): FILM 3331.

ENGL 3332 Documentary Film Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of Documentary studies that examines film form, reception, historical developments, ethics, key figures and representation.
Cross Listing(s): FILM 3332.

ENGL 3333 Cinema Genres
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An analysis of cinema form, genre conventions, film theory, culture and the film industry through a survey of film genres. May be repeated for additional credit with new topics.
Cross Listing(s): FILM 3333.

ENGL 3350 Introduction to African American Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to African-American literature from its beginnings to the present emphasizing literary, historical and cultural contexts.
Prerequisite(s): ENGL 2100 or ENGL 2111 or ENGL 2112 or permission of department chair.

ENGL 3400 Introduction to Poetry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
American and/or British poetry in the context of technological developments, philosophical movements, and literary currents. Exploration of forms and themes with emphasis on prosody and interpretation.

ENGL 3535 Patterns in Film and Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A comparative interpretation of themes, ideas, and patterns in selected works of narrative literature, and cinema.
Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2111 or ENGL 2112 and prior or concurrent enrollment in ENGL 2131.

ENGL 4425 Popular Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focus on popular literary genres. Topics vary.
Prerequisite(s): Completion of ENGL 2100 or ENGL 2111 or ENGL 2112.

ENGL 4435 Single Author
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Devoted to the study of a single author whose work has occasioned a significant body of criticism. Students will focus on the body of the author's work and consider both historical context and critical response.
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.

ENGL 4630 Senior Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this capstone course, English majors will study a discrete body of literature and conduct extensive research in literary criticism related to a specific topic. Emphasis will be on preparation, revision, and oral presentation of an original research project.
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112.
ENGL 4790 Internship
3-6 Credit Hours.  3-6 Lecture Hours.  0 Lab Hours.
2.5 grade point average; supervisory staff member; recommendation of the department head. Offered by special arrangement. Work and/or research, jointly supervised by sponsoring institution or organization and staff member. Six hours credit requires twenty-five hours, 3 hours credit requires fifteen hours. Repeatable up to a maximum of six credit hours.

ENGL 4890 Independent Study
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Open to seniors. To be determined by student and professor. Available to transient students only with approval of the department head.

ENGL 5025 Pop Culture Theory and Criticism
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Examination of the theoretical and critical approaches to the study of various forms of popular cultural expression such as film, television, popular literature, magazines and music. Critical methodologies present may include semiotics, genre criticism, ethnography, feminism and cultural studies.
Cross Listing(s): COMM 5025.

ENGL 5030 Television Theory and Criticism
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Critical Examination of various aspects of television, such as genres, social implications, historical significance and modes of production.
Cross Listing(s): COMM 5030.

ENGL 5035 Film Theory and Criticism
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An in-depth examination of film theory and criticism concepts.
Cross Listing(s): FILM 5035.

ENGL 5040 Women in Film
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Representations of women in film, may include issues such as feminist film theory and criticism, presentation of female characters in major film.
Cross Listing(s): FILM 5040.

ENGL 5090 Special Topics
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.
Special topics in English. May be repeated for additional credit when topics change.
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.
Cross Listing(s): ENGL 5090G.

ENGL 5135 Teaching Literature to Middle and Secondary School Students
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A course designed to introduce classroom approaches to literature to middle grades and high school teachers. It will include work with a variety of literary genres and multicultural texts.
Cross Listing(s): ENGL 5135G.

ENGL 5200 Postcolonial Literature
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Literature and theory that emphasizes the interactions between European nations and the societies they colonized.
Prerequisite(s): ENGL 2100 or ENGL 2111 or ENGL 2112; or permission of the department chair.
Cross Listing(s): ENGL 5200G.

ENGL 5234 Literature of the American South
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An examination of representative works of Southern literature from the colonial period to the present, emphasizing their literary and cultural contexts.
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.
Cross Listing(s): ENGL 5234G.

ENGL 5235 Irish Literature to 1850
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An examination of representative Irish poetry, prose, and drama, from Gaelic times through the Great Hunger of the 1840s. The course interrogates the four mythological cycles; the Aisling and other native literary genres; and texts reflective of British colonization. All works are in English or English translation.
Cross Listing(s): ENGL 5235G.

ENGL 5236 Irish Literature since 1850
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An examination of representative Irish poetry, prose, and drama since the Great Hunger of the 1840s. The course interrogates literature from the Irish Cultural Revival; the Easter Rising, War of Independence, and Civil War; the Free State; the Northern Irish Troubles; and the Celtic Tiger. All works are in English or English translation.
Cross Listing(s): ENGL 5236G.

ENGL 5238 Irish Women Writers
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An examination of poetry, prose, and drama produced by Irish and Irish diasporic women. The course examines female archetypes from Irish mythology; female hagiography from medieval Ireland; and the Field Day controversy. It also interrogates such literary accomplishments by Irish women as nineteenth-century Big House novels and twentieth-century neo-domestic verse.
Cross Listing(s): ENGL 5238G.

ENGL 5280 Literature and the Environment
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An examination of representations of the environment in literature and theory. Readings in ecological literary criticism as well as fiction and literary nonfiction from various world areas and historical periods.
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.
Cross Listing(s): ENGL 5280G.

ENGL 5315 17th and 18th Century American Literature
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An examination of representative works in American literature from 1585 to 1800 in their literary and cultural contexts.
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.
Cross Listing(s): ENGL 5315G.

ENGL 5320 History of the English Language
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A study of the English language from linguistic, social, and historical perspectives.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): LING 5340, WRIT 5340, WRIT 5340G, ENGL 5320G.

ENGL 5324 18th Century British Literature
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An examination of the literature of the long eighteenth century (1660-1800) in its cultural and ideological contexts.
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.
Cross Listing(s): ENGL 5324G.

ENGL 5325 19th Century American Literature
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An examination of representative works from 19th century American literature in their literary and cultural contexts.
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.
Cross Listing(s): ENGL 5325G.
ENGL 5335 20th and 21st Century American Literature  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An examination of 20th and 21st century American poetry and prose in its  
literary and cultural contexts.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5335G.

ENGL 5340 Literature by Women  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A study of literature written by women within social, historical, and  
theoretical contexts. Topics may include classic, contemporary, and  
experimental writing by women, feminist theory and criticism.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5340G.

ENGL 5440 Early British Literature  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An examination of literature from the British Isles prior to 1500. Literary  
genres may include heroic poetry, elegaic verse, lyric, romance, dream  
visions, drama, and mystical literature.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5440G.

ENGL 5450 Chaucer  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A study of The Canterbury Tales and other selected works in the context  
of Chaucer’s culture and language.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5450G.

ENGL 5460 Shakespeare  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A selection of Shakespeare’s works which may include the sonnets  
and dramatic genres illustrating representative themes and literature  
techniques.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5460G.

ENGL 5480 Literature of the English Renaissance  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A selection of representative literary works from the period 1485—1689 in  
their social and intellectual contexts.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5480G.

ENGL 5485 Milton  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A study of Milton’s major poetry and prose within their social, political, and  
intellectual context.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5485G.

ENGL 5525 19th Century British Literature  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An examination of Romantic and Victorian literary works in their intellectual  
and social contexts.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5525G.

ENGL 5526 20th and 21st Century British Literature  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A study of major British and Commonwealth poets, novelists, and  
dramatists against the background of the major social and cultural  
changes of the 20th and 21st centuries.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5526G.

ENGL 5533 Literary Criticism and Theory  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An historical survey of literary criticism and theory from antiquity to modern  
times. Literary criticism considers issues important for all students of  
literature, such as the value of poetry in our world, the power of poets to  
represent reality or truth, and the sources of poetic inspiration. This course  
also delves into the subject of aesthetics, the nature of beauty, and the  
variety of forces that impact how humans respond to literature.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): COML 5533, ENGL 5533G.

ENGL 5534 Literature for Adolescents  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A study of literature, primarily (but not exclusively) narrative, on the subject  
of adolescence, with emphasis on analyzing and evaluating contemporary  
literature written especially for or about adolescents.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5534G.

ENGL 5535 Children’s Literature  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A study of literature written for or read by children with a focus on British  
and American classics. Students will read and write critical analyses of  
these works with special attention to the history of childhood. Authors  
studied may include the Brothers Grimm, Lewis Carroll, Louisa May Alcott,  
Mark Twain, Kenneth Grahame, Frances Hodgson Burnett, and others.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5535G.

ENGL 5538 20th and 21st Century World Fiction  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An examination of some of the major works of fiction written by American,  
British, and World authors since 1900.  
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5538G.

ENGL 5560 Studies in Drama  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A specialized focus in the genre of drama. Topics may vary. Course  
repeatable as topics vary.  
Prerequisite(s): ENGL 2100, 2111, or 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5560G.

ENGL 5570 Studies in Fiction  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A specialized focus in the genre of fiction. Topics may vary. Course  
repeatable as topics vary.  
Prerequisite(s): ENGL 2100 or ENGL 2111 or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5570G.

ENGL 5580 Studies in Poetry  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A specialized focus in the genre of poetry. Topics may vary. Course  
repeatable as topics vary.  
Prerequisite(s): ENGL 2100 or ENGL 2111 or ENGL 2112; or permission of the department chair.  
Cross Listing(s): ENGL 5580G.
ENGL 5950 Studies in African American Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Thematic approach to African American literature, with emphasis on
historical, philosophical, and/or cultural contexts. Topics such as gender,
religion, migration, the oral tradition, autobiography, popular culture,
rhetoric, civil rights, slavery, sexuality, or literary theory. May be repeated
for additional credit when topics change.
Prerequisite(s): ENGL 2100, ENGL 2111, or ENGL 2112; or
permission of the department chair.
Cross Listing(s): ENGL 5590G.
ENGL 5840 Contents and Methods English
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the major currents and figures in modern critical and literary
text since the "New Critics," looking at the basic concepts, philosophical
assumptions, and historical and ideological contexts of figures such as
Lukacs, Benjamin, Adorno, Bakhtin, Derrida, Foucault, Barthes, Deleuze,
Jauss, DeMan, Lacan, Cixous, Irigaray, Kristeva, and Homi Bhabha.
Prerequisite(s): A minimum grade of "C" in ENGL 2100.
Cross Listing(s): ENGL 5840G.

ENGR Engineering

ENGR 1112 Introduction to Scientific Modeling and Simulation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the problems and solution methodologies in
computational scientific modeling and computation. Computational tools
such as a computer algebra system, visualization software and resources
will be used to explore and solve mathematical problems drawn from various fields of science and engineering.
Prerequisite(s): MATH 1111 or MATH 1113 or MATH 1441.
ENGR 1121 Computing Applications in Mechanical Engineering
2 Credit Hours. 0.2 Lecture Hours. 0.4 Lab Hours.
This is an introductory level computing and application course for
Mechanical Engineering students. It is intended for students to develop
their technical computing skill using platforms that are current and widely
used in the professional world. Standard mathematical functions and
applications including logical expression, data input/output, arrays, and
statistical functions will be introduced. Specific mechanical engineering
applications are utilized to introduce students to basic problem solving
logic, flow charting, and programming.
Prerequisite(s): Prior or concurrent enrollment in MATH 1112 or MATH
1113 or MATH 1441.
ENGR 1133 Engineering Graphics
3 Credit Hours. 0.2 Lecture Hours. 0.3 Lab Hours.
This course develops and improves student visualization and spatial
skills, free-hand sketching, design consideration of fabrication processes,
and parametric solid modeling. The interpretation of drawings, a working
understanding of technical terminology and participation in group
engineering activities are the major highlights of this course. It is expected
that the students will gain fundamental abilities in the use of commercial
solid modeling tools and techniques.
ENGR 1731 Computing for Engineers
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This is an introductory course in the foundations of computing,
computational thinking, and engineering problem-solving using
programming. The course introduces students to the concepts of design
and analysis of algorithms and construction of programs for engineering
problem-solving. Topics such as arrays, data types and related operations,
decision, looping, input/output, functions, files, and plotting.
Prerequisite(s): Prior with a minimum of "C" or concurrent enrollment in
MATH 1441 or higher.
ENGR 1732 Program Design for Engineers
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course will introduce engineering students to applications for
engineering problem-solving and object-oriented programming principles
in Electrical and Computer Engineering using standard (ANSI) C and C++.
Prerequisite(s): A minimum grade of "C" in ENGR 1731.
ENGR 2010 Computational Modeling
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
Fundamentals of numerical methods and development of programming
techniques for implementing them to solve civil and environmental
engineering problems via computers.
Prerequisite(s): MATH 2242 and PHYS 2211K and ENGR 1731 or
ENGR 1121.
ENGR 2110 Creative Decisions and Design
3 Credit Hours. 0.2 Lecture Hours. 0.3 Lab Hours.
Fundamental techniques for creating, analyzing, synthesizing, and
implementing design solutions to open-ended problems through team and
individual efforts utilizing flexibility, adaptability, and creativity.
Prerequisite(s): A minimum grade of "C" in ENGR 1133 and ENGR
2231, and prior or concurrent enrollment with a minimum grade of "C" in
MATH 2430.
ENGR 2112 Solid Modeling and Analysis
1 Credit Hour. 0 Lecture Hours. 0.3 Lab Hours.
Fundamentals of numerical methods and development of programming
applications such as SolidWorks. In addition to creating solid
models (advanced parts, advanced assemblies, surface, and
weldments), students will develop a basic proficiency in structural analysis,
flow simulation, surface modeling, NC programming, Manufacturing
Constraints and Design for Additive Manufacturing.
Prerequisite(s): A minimum grade of "C" in ENGR 1133.
ENGR 2131 Electronics and Circuit Analysis
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course introduces electric circuit elements, electronic devices, digital
systems, and analysis of circuits containing such devices in order to
provide students with the fundamental knowledge of electrical engineering
principles and applications. Basic concepts of laboratory practice and
instruments in the analysis of elementary electrical circuits will be covered
in this course.
Prerequisite(s): A minimum grade of "C" in PHYS 2212K and prior or
concurrent enrollment in MENG 2139.
ENGR 2137 Introduction to Renewable Energy
3 Credit Hours. 0-2 Lecture Hours. 0-2 Lab Hours.
This course will serve as an introduction to Renewable Energy sources
and systems basic design and operation, with environmental and socio-
economic impacts considered.
Prerequisite(s): A minimum grade of "C" in CHEM 1310 or CHEM
1212K.
ENGR 2231 Engineering Mechanics I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamental concepts of mechanics. Statics of particles. Moments and
equivalent systems of forces on rigid bodies; equilibrium of rigid bodies.
Distributed forces- centroids and centers of gravity. Analysis of trusses,
frames and machines. Internal normal and shearing forces, bending
moments, and torque. Shear and bending moment diagrams, relations
between distributed load, shear, and bending moment. Friction. Distributed
forces area moments of inertia.
Prerequisite(s): A minimum grade of "C" in MATH 2242 and PHYS
2211K.
ENGR 2232 Dynamics of Rigid Bodies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Kinematics and dynamics of particles and rigid bodies in one, two, and
three dimensions using Newton's Second Law Method, Work-Energy and
Impulse-Momentum methods. Mass moments of inertia and products of
inertia.
Prerequisite(s): A minimum grade of "C" in ENGR 2231.
ENGR 2323 Digital Design Lab
2 Credit Hours.  0-1 Lecture Hours.  0-3 Lab Hours.
Design and implementation of digital systems, including a team design project using CAD tools, discrete chip-set and FPGA. Both schematic and hardware description language are used for digital design. Students will also learn logic systems, assembly language programming and project design methodologies.
Prerequisite(s): A minimum grade of "C" in ENGR 2332.

ENGR 2332 Logic Circuit Design
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Computer systems and digital design principles. Architectural concepts, software, Boolean algebra, number systems, combinational datapath elements, sequential logic and storage elements.
Prerequisite(s): Prior (with a minimum grade of "C") or concurrent enrollment in ENGR 1731 or permission of instructor.

ENGR 2334 Circuit Analysis I
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course introduces the students to the basic concepts of circuit theory and analysis. Topics covered are basic elements and sources, energy and power, Ohm's law, Kirchhoff's law, nodal and mesh analysis, Thévenin's and Norton's theorems, capacitors, inductors, transient analysis, first-order and second-order circuits.
Prerequisite(s): A minimum grade of "C" in all of the following: PHYS 2212K and (prior or current enrollment in ENGR 2341) and (prior or current enrollment in MATH 3230).

ENGR 2341 Introduction to Signal Processing with Lab
4 Credit Hours.  0.3 Lecture Hours.  0.2 Lab Hours.
This course introduces students to signal processing for discrete-time and continuous-time signals, convolutions, filtering, frequency response, Fourier series, Fourier transform, Laplace transform, and Z-transform to be used in real applications such as in communication systems, image processing, circuits, biomedical engineering and computer engineering. Laboratory emphasizes computer-based signal processing.
Prerequisite(s): A minimum grade of "C" in PHYS 2212K and (prior or current enrollment in ENGR 2341) and (prior or current enrollment in MATH 3230).

ENGR 2343 Engineering Software Design
4 Credit Hours.  3 Lecture Hours.  3 Lab Hours.
Object-oriented software methods for engineering applications including numerical analysis methods; simulations and graphical presentation of simulation results; and analysis of numerical precision. Students will apply and develop these concepts through programming projects.
Prerequisite(s): A minimum grade of "C" in all the following: ENGR 2332 and prior or concurrent enrollment in ENGR 2341 or permission of instructor.

ENGR 2432 Introduction to Engineering Materials
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The structure, property, processing, and performance relationships of engineering materials. Materials selection is treated as part of engineering design.
Prerequisite(s): A minimum grade of "C" in CHEM 1212K or CHEM 1310 and PHYS 2211K.

ENGR 2890 Introductory Selected Problems in Engineering
1-3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
Individual and specialized introductory-level study in the areas of engineering projects and research not otherwise covered in the student's curriculum. This experience cannot be used as a substitute for a technical elective in the engineering curriculums.
Prerequisite(s): Identification of a problem or study area and permission of the instructor and department chair.

ENGR 2991 Topics in Engineering
1-4 Credit Hours.  0-4 Lecture Hours.  0-12 Lab Hours.
*Special topics at freshman and sophomore level of current interest in engineering.
Prerequisite(s): Announced with the topic.

ENGR 3233 Mechanics of Materials
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Definition and analysis of stress and strain, mechanical properties of materials, axially loaded members, torsion of circular sections, bending of beams, transformation of stress and strain, design of beams, and buckling of columns.
Prerequisite(s): A minimum grade of "C" in ENGR 2231.

ENGR 3235 Fluid Mechanics
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The course includes fundamentals of fluid statics and fluid dynamics for incompressible fluids, fluid properties, static and dynamic forces, Bernoulli's equation, pipe flow and losses, open channel flow and flow measurement. The course also includes methods, procedures and the use of equipment to measure standard fluid properties and phenomena.
Prerequisite(s): A minimum grade of "C" in ENGR 2231.

ENGR 3431 Thermodynamics
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Thermodynamic properties, state postulate, work interactions, steady-state and transient energy and mass conservation, entropy and the second law. First and Second Law analysis of thermodynamic systems. Gas cycles and vapor cycles.
Prerequisite(s): A minimum grade of "C" or better in PHYS 2211K and MATH 2242.

ENVS Environmental Science

ENVS 2202 Environmental Science
3 Credit Hours.  3 Lecture Hours.  0 Lab 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.

ESED Element - Secondary Educa

ESED 4700 Beginning of P-12 School Year Experience
0 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
This course provides teacher candidates an opportunity to experience the beginning of school year at their P-12 school placement site. Teacher candidates will participate in pre-planning activities and the first weeks of the school year. Teacher candidates will assist the classroom teacher with beginning of the year tasks such as setting up the classroom, establishing classroom routines, developing curriculum plans and student learning outcomes, attending professional meetings, etc. This experience begins the first day of pre-planning for the assigned school district placement and extends until the first day of Georgia Southern Fall Semester.

ESED 4798 Student Teaching in P-12 Education
9 Credit Hours.  9 Lecture Hours.  0 Lab Hours.
Student Teaching is a period of guided teaching during which the candidate, under the direction of a clinical supervisor, takes increasing responsibility for leading the school experiences of a given group of learners over a period of consecutive weeks and engages more or less directly in many of the activities which constitute the wide range of a teacher's assigned responsibilities.
Cross Listing(s):

Candidates will travel to the country to engage in either supervised research or teaching activities to learn more about the instructional purposes.

Candidates will become knowledgeable through research from the field and literature about the history and development of gifted and talented programs, the characteristics of gifted and talented students, and identify varied expressions of advanced aptitudes, skills, creativity, and conceptual understandings characterized by gifted and talented learners. In addition, candidates will examine the role of culture in the manifestation of gifts and talents as well as gifted behaviors in special populations. The course has a required field component for teaching purposes.

Cross Listing(s):

ESED 4890 Directed Individual Study

The student, under the direction of the instructor, will identify and study a topic applicable to a teaching field and level of certification.

Prerequisite(s): Approval of advisor, instructor, and department chair.

ESED 5130 Nature and Needs of Gifted and Talented Learners

This course is designed to examine the nature and needs of gifted and talented learners. Candidates will become knowledgeable through research from the field and literature about the history and development of gifted and talented programs, the characteristics of gifted and talented students, and identify varied expressions of advanced aptitudes, skills, creativity, and conceptual understandings characterized by gifted and talented learners. In addition, candidates will examine the role of culture in the manifestation of gifts and talents as well as gifted behaviors in special populations. The course has a required field component for teaching purposes.

Cross Listing(s):

ESED 5130G.

ESED 5131 Curriculum for Gifted and Talented Learners

This course provides an exploration of theory, research, and practices related to the selection and organization of curriculum for the gifted student. Emphasis will be placed on curricular models and selecting materials used in gifted education. Opportunities will be provided for the development of curriculum for the gifted student. The course has a required field component for teaching purposes.

Prerequisite(s): A minimum grade of "D" in ESED 5130.

Cross Listing(s):

ESED 5131G.

ESED 5132 Methods for Teaching Gifted and Talented Learners

A course covering the development of methods and developmentally-appropriate instructional and assessment materials for students identified as gifted learners. The course has a required field component for teaching purposes.

Prerequisite(s): A minimum grade of "C" in ESED 5130 and ESED 5131.

Cross Listing(s):

ESED 5132G.

ESED 5455 Study Abroad in Teacher Education

This course will prepare teacher candidates for travel and study abroad by engaging them in the study of the culture, cultural transmission to the young, the education system, and the role of the teacher in the designated country in which the study abroad field experience will occur. Candidates will travel to the country to engage in either supervised research or teaching activities to learn more about the instructional theories, philosophies, and practices that support the educational processes for children and adolescents who are comparable to K-12 students in the United States. A field experience is required.

Cross Listing(s):

ESED 5455G.

ESL English as a Second Lang

ESL 0090A Reading and Writing I

4 Credit Hours. 6 Lecture Hours. 0 Lab Hours.

A high beginning level reading and writing class for non-native speakers of English.

ESL 0090B Listening and Speaking I

4 Credit Hours. 6 Lecture Hours. 0 Lab Hours.

A high beginning level class designed to help non-native speakers of English develop communication skills through a variety of listening and speaking activities.

ESL 0090C Grammar I

4 Credit Hours. 5 Lecture Hours. 0 Lab Hours.

A basic structure class for high beginning non-native speakers of English.

ESL 0090D Computer I

3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.

A class designed to help high beginning non-native speakers of English students learn how to use the computer as a way of improving their language skills.

ESL 0090E U. S. Culture I

3 Credit Hours. 4 Lecture Hours. 0 Lab Hours.

An introduction to the customs, behaviors, and attitudes most prevalent in US society, including experiential learning through field trips.

ESL 0091A Reading and Writing II

4 Credit Hours. 6 Lecture Hours. 0 Lab Hours.

A low intermediate reading and writing class for non-native speakers of English.

ESL 0091B Listening and Speaking II

4 Credit Hours. 6 Lecture Hours. 0 Lab Hours.

A low intermediate level class designed to help non-native speakers of English learn how to use the computer as a way of improving their language skills.

ESL 0091C Grammar II

4 Credit Hours. 5 Lecture Hours. 0 Lab Hours.

A low intermediate structure class for non-native speakers of English.

ESL 0091D Computer II

3 Credit Hours. 0 Lecture Hours. 4 Lab Hours.

A low intermediate class designed to help non-native speakers of English learn how to use the computer as a way of improving their language skills.

ESL 0091E U. S. Culture II

3 Credit Hours. 4 Lecture Hours. 0 Lab Hours.

A low intermediate class designed to help non-native speakers of English learn how to use the computer as a way of improving their language skills.

ESL 0092A Reading and Writing III

4 Credit Hours. 6 Lecture Hours. 0 Lab Hours.

A high intermediate level reading and writing class for non-native speakers of English.

ESL 0092B Listening and Speaking III

4 Credit Hours. 6 Lecture Hours. 0 Lab Hours.

A high intermediate level class designed to help non-native speakers of English develop communication skills through a variety of listening and speaking activities.

ESL 0092C Grammar III

4 Credit Hours. 5 Lecture Hours. 0 Lab Hours.

A high intermediate structure class for non-native speakers of English.

ESL 0092D Computer III

3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.

A high intermediate class designed to help non-native speakers of English learn how to use the computer as a way of improving their language skills.

ESL 0092E U. S. Culture III

3 Credit Hours. 4 Lecture Hours. 0 Lab Hours.

An in-depth course on the customs, behaviors, and attitudes most prevalent in US society, including experiential learning through field trips.
ESL 0094 English for Academics I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to provide students whose native language is not English with a foundation in reading and writing in English in an academic environment. It emphasizes understanding and producing Western rhetoric through vocabulary development, critical reading, and the writing of several papers, including summary, argument, and writing with sources.
Prerequisite(s): Placement dependent upon score on International SOAR placement testing and/or Michigan Test of English Language Proficiency.

ESL 0095 English for Academic Purposes II
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course is designed to provide students whose native language is not English with a foundation in listening to and speaking in English in an academic environment. It emphasizes improving oral communication skills through vocabulary development, listening to different types of academic communications from lecture to group discussions, note-taking in English, participating in whole class and small group discussions of academic research, and giving formal research-supported presentations.
Prerequisite(s): Successful completion of Georgia Southern's English Language Program.

ETHC Ethics

ETHC 2000 Interdiscip Ethics & Values
2-3 Credit Hours. 2-3 Lecture Hours. 0 Lab Hours.
An interdisciplinary examination of the relation between ethical theory and moral practice in specific areas of our society. Involves several modules taught by different professors. The first Philosophical Framework Module will provide an explanation and analysis of the principal ethical theories of the Western world and subsequent modules will focus on moral issues and case studies in specified areas.
Prerequisite(s): Completion of ENGL 1101.

EURO European Union

EURO 2000 European Union
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An interdisciplinary course (history, culture, political science, and economics) that treats the creation and functioning of the European Union in the context of Modern European history and the significance of the EU experiment for the rest of the world.
Prerequisite(s): Completion of ENGL 1101 and HIST 1111 or HIST 1112.

EURO 3234 Introduction to the European Union
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will introduce students to the history, institutions, policies, and cultures of the European Union and its member states.
Cross Listing(s): INTS 3234, POLS 3234.

EURO 3990 Topics In European Union Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected topics on issues in European Union studies or in European Union relations with the outside world. May be repeated for credits as topics vary.
Prerequisite(s): EURO 2000.

EURO 4090 Selected Topics in the International Studies
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Selected Topics in International Studies.
Cross Listing(s): INTS 4090.

EURO 4130 European Law and Legal Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the legal institutions that constitute the European Union, and the legal processes of those institutions. The course begins with a brief overview of the European Union, including the historical antecedents that preceded the present day entity of the EU.
Prerequisite(s): A minimum grade of "C" in POLS 1101.

EURO 4160 Federalism and Multilevel Governance in the EU
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of multilevel governance in the European Union and the United States, comparing American federalism to the EU's less centralized, more confederal system. The origins and development of each system are examined, as are the complex relationships between the different levels of government in each.

EURO 4230 Doing Business in the European Union and United States
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is intended for non-business majors. For this reason, an introduction to economics is included. The course compares the general legal rules and cultural environment of running a business in the European Union and the United States. Topics include government regulations, labor relations, cultural values, consumer behavior, mergers, and marketing.
Prerequisite(s): A minimum grade of "C" in EURO 3234.

EURO 4260 European Monetary Union
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the history and evolution of the European Economic and Monetary Union and its impact on the United States and global economy.

EURO 4330 Science and Technology Policy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The purpose of this course is to introduce the Science and Technology Policy of the European Union (EU). This is an introductory course about the history, goals, and issues of the EU related to science, industry, and technology.
Prerequisite(s): A minimum grade of "C" in EURO 3234.

EURO 4430 EU Environmental Policy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of critical issues in EU environmental policy, including key environmental problems, the challenges of making and implementing environmental policy in the EU's multilevel governance system, and future prospects for EU environmental regulation.

EURO 4500 Seminar in Euro Union Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The capstone seminar for the European Union Certificate program. Topics vary.

EURO 4530 European Social Policy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of social policy in Europe and of current social policy arrangements in Europe and the EU.

EURO 4630 EU Communications and Media
3 Credit Hours. 3 Lecture Hours. 0 Lab 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 Credit Hours. 3 Lecture Hours. 0 Lab 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 Credit Hours. 3 Lecture Hours. 0 Lab 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 Course
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A capstone course for students in the EU Studies Certificate Program. The course explores various topics in a way that allows students to synthesize their knowledge of the EU.
FACS Family and Consumer Sci

FACS 4090 Selected Topics in Family and Consumer Sciences
3 Credit Hours. 0-3 Lecture Hours. 0-3 Lab Hours.
Scheduled on an infrequent basis to explore new research and emerging knowledge in Family and Consumer Sciences and related fields. This course will carry a subtitle.

FILM Film

FILM 2200 Introduction to Cinema
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to Cinema Studies through critical appreciation of cinema form. Areas of study include a survey of production, distribution, film reception, ideology, film theory and representation with an emphasis on critical film analysis.

FILM 3030 Selected Topics in Cinema
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Courses will cover a variety of special topics in film studies, such as specific film genres, auteurs, critical approaches, historical film movements, and representation. May be repeated for additional credit with new topics.
Prerequisite(s): FILM 2200 or Permission from Instructor.
Cross Listing(s): ENGL 3030.

FILM 3331 History of Cinema
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of aesthetic, economic, social, technological and industry development of cinema from 1896 to the present day with an emphasis on film movements and film analysis.
Prerequisite(s): FILM 2200 or Permission from Instructor.
Cross Listing(s): ENGL 3331.

FILM 3332 Documentary Film
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of Documentary studies that examines film form, reception, historical developments, ethics, key figures and representation.
Prerequisite(s): FILM 2200 or Permission from Instructor.
Cross Listing(s): ENGL 3332.

FILM 3333 Cinema Genres
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An analysis of cinema form, genre conventions, film theory, culture and the film industry through a survey of film genres. May be repeated for additional credit with new topics.
Prerequisite(s): FILM 2200.
Cross Listing(s): ENGL 3333.

FILM 5035 Film Theory and Criticism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An in-depth examination of film theory and criticism concepts introduced in Intro to Cinema Studies with an emphasis on analysis of selected film texts.
Prerequisite(s): A minimum grade of "C" in FILM 2200 or ENGL 2100 or PHIL 2010.
Cross Listing(s): ENGL 5035.

FILM 5040 Women in Film
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Representations of women in film, may include issues such as feminist film theory and criticism, presentation of female characters in major film.
Cross Listing(s): ENGL 5040.

FINC Finance

FINC 3130 Financial Tools and Methods
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamental concepts and analytical methods in finance. Emphasis on spreadsheet applications, mathematics of finance, and statistical analysis.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 3131 Principles of Corporate Finance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of fundamental concepts, theories, tools of analysis and problems of managerial finance in business.
Prerequisite(s): A minimum grade of "C" in ACCT 2101 or ACCT 2030.

FINC 3132 Intermediate Financial Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of financial risk and return, capital budgeting, valuation, capital structure, working capital management and current topics in financial management.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 3133 International Finance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the financial markets and institutions which make international trade and capital flows possible. Its emphasis is on understanding exchange rates and hedging the risks inherent in cross-border transactions.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 3231 Investments
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of investment theory and practice, investment strategies and portfolio construction and management. Particular attention is given to the valuation of common stock, bonds, and derivative securities, such as options and futures.
Prerequisite(s): A minimum grade of "C" in FINC 3131 and FINC 3132.

FINC 3331 Financial Institutions
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the nature, purpose and economic functions of financial markets and institutions. The various domestic and foreign financial markets are included, as well as the key characteristics, operations, and regulatory aspects of depository and non-depository financial institutions, such as commercial banks, securities firms and investment banks, and insurance companies.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 3531 Principles of Risk and Insurance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introductory study of the risk management process and the importance of insurance as a method of managing risk. This course is meant to develop awareness of the nature of risk, its effects on both individual and business financial decisions, and the methods available for managing risk.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 4030 Special Topics in Finance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A course that will allow students to learn about timely specialized topics that are not part of the regular curriculum in Finance, including but not limited to Small Business Start-Up Finance, Credit Derivatives, and Federal Reserve Policy.
Prerequisite(s): A minimum grade of "C" in FINC 3131.
FINC 4150 Fixed Income Securities
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Five major debt markets (corporate, government and agency, municipal, asset backed, and funding markets) including key institutions and analytical tools used for pricing and risk management. Applications include topics such as investing in fixed-income securities.

FINC 4170 Financial Derivatives
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Futures, options, and other related financial instruments, focusing on pricing methodologies and market value calculations and on their uses for hedging and trading by corporations and financial institutions. Applications include topics such as financial risk management and investment.

FINC 4231 Personal Financial Planning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of fundamentals of personal financial planning to include: the financial planning process, asset management, liability management and risk management.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 4232 Security Analysis
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines some of the key assumptions underlying the major areas of investments, i.e. portfolio theory, derivative asset pricing, and asset valuation. It provides a thorough examination of various topics found in the academic as well as financial press.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 4233 Estate Planning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Planning for various financial contingencies, and asset management on a personal level. Creating an integrated financial plan using insurance, investments, taxes and trusts.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 4234 Personal Insurance Planning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of alternative methods of managing the primary pure risk exposures of individuals: life, health and property-casualty risks. The course emphasizes the use of insurance as the primary tool for managing hazard risks facing households.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 4331 Bank Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides an introduction to the commercial bank industry, its organization, structure, and regulation. The lending and investment functions of banking are examined along with liability and capital management issues including de novo banking and merger/acquisition. Its purpose is to offer an overview of commercial banks and their delivery role in the financial services industry.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 4332 Bank Management II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course will prepare students for decision-making under uncertainty. Bank management decisions are based on current financial positions and target measures of success. Decisions are influenced by anticipation of variations in market conditions, including competitive forces, governmental regulation, monetary policy and macro-economic variables.
Prerequisite(s): A minimum grade of "B" in FINC 4331.

FINC 4333 Commercial Bank Lending
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to bank lending, focusing on key concepts and tools in credit analysis “statement logic and cash flow cycles” and applying them in commercial loan underwriting and consumer lending. Attention will also be given to core loan administration practices and its role in managing portfolio quality risks.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 4431 Principles of Real Estate
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Covers a real estate transaction in enough depth to guide the student through a transaction with minimal outside help (attorney, etc.). It also helps the student identify those economic factors that will add value to the property through time. In addition, the student will be introduced to several areas of real estate as a possible profession.
Prerequisite(s): Junior Standing.

FINC 4433 Real Estate Appraisal
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The study of the valuation of real estate and of ownership rights in real estate. Concentration is primarily on residential real estate.
Prerequisite(s): Junior standing.

FINC 4435 Real Estate Finance and Investments
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An analysis of real estate markets, investment decisions and the form and function of financing alternatives. The student should acquire a basic understanding of investment cash flow analysis and the calculations and measurements required for the quantitative real estate investment, valuation and income-property analysis.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 4532 Life, Health and Retirement Planning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Analysis of personal and business life and health insurance needs, characteristics of plans appropriate to meet needs, and unique legal and tax aspects in insurance planning. This includes a study of basic concepts and managerial concerns underlying the group insurance mechanism and the characteristics of various qualified retirement planning vehicles. Consideration is also given to functional aspects of life insurer operations such as ratemaking, reserving, underwriting and financial statement analysis.
Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 4534 Commercial Risk Management and Insurance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course involves property and liability risks and the effective management of these risks with insurance. Application of property insurance to pure risk exposures including direct and indirect property. Application of liability insurance to general liability and catastrophic liability risks. Current topics in the field of commercial property and liability insurance.
Prerequisite(s): A minimum grade of "C" in FINC 3131.
Cross Listing(s): ECON 4534.

FINC 4535 Insurance Industry Operations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A discussion of the composition and financial structure of the insurance industry. Functional analysis of the operations of insurance organizations will include legal organization, marketing systems, management and control, underwriting, rating, financial analysis, ratemaking and regulation.
Prerequisite(s): A minimum grade of "C" in FINC 3131.
FINC 4631  Eagles on Wall Street  
3 Credit Hours.  1 Lecture Hour.  0 Lab Hours.  
This course will introduce students to the important topics of Wall Street finance, investment banking, and the financial markets of New York City. Students will meet with executives from the world’s most prestigious banking, investment, and financial services firms. Because New York City (NYC) is one of the most important financial centers in the world, the location and setting will provide an excellent backdrop for the topics covered. Furthermore, NYC offers many venues that can be visited by the class to illustrate and reinforce the concepts discussed in the classroom. The classroom portion of the course will give students a broad overview of different sectors of the financial world while the travel portion will provide a chance for students to network with established professionals. Students could easily use this experience as a starting point to launch a Wall Street career. Regardless of a student’s intended career path, this course will broaden horizons and introduce students to the many opportunities available on Wall Street and in the field of finance. Expenses specific to the travel portion of the course may vary.  
Prerequisite(s): A minimum grade of "C" in FINC 3131.  
Cross Listing(s): ECON 4631.  
FINC 4790  Internship in Finance  
3-9 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
The student is required to work with/for a manager of the enterprise in a management training or special projects capacity. Management level responsibilities and duties are expected of the student.  
FINC 4830  Special Problems in Finance  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A customized course that is under the direction of a faculty sponsor. The course is designed to offer students an opportunity to pursue studies at a level or on topics not covered in scheduled courses. The scope and nature of the material covered is determined in consultation with the faculty sponsor.  
Prerequisite(s): Junior standing.  
FINC 4890  Directed Study in Finance  
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.  
Designed for independent study and research in selected areas of finance under faculty supervision.  
Prerequisite(s): Permission of Department Chair.  

FMAD Fash Merchand/Apparel Des  

FMAD 1110  Fashion Fundamentals  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A survey course of the fashion industry. Fashion terminology, influential designers of the nineteenth and twentieth centuries, influences on fashion, leading fashion centers, auxiliary fashion enterprises, career opportunities and current trends in merchandising are discussed.  

FMAD 1234  Apparel I  
3 Credit Hours.  0.1 Lecture Hours.  0.4 Lab Hours.  
A study of selection, fit and care of wearing apparel with the primary focus on custom garments. Experiences include traditional and contemporary methods of apparel construction.  

FMAD 2130  Understanding Aesthetics  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An in-depth investigation of and a review of contemporary trends and issues of aesthetics and how aesthetics applies to the roles of the fashion/apparel industry professional.  

FMAD 2230  Social and Psychological Aspects of Clothing  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The cultural, social, psychological, and economic aspects of clothing which affect the selection and usage of clothing by the consumer.  

FMAD 3030  Selected Topics  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Scheduled on an infrequent basis to explore special areas in Fashion and Apparel and will carry subtitle.  

FMAD 3210  Computer-Aided Design  
3 Credit Hours.  1 Lecture Hour.  4 Lab Hours.  
Investigation and application of computer technology in textile design, apparel design and apparel manufacturing.  

FMAD 3232  Principles of Merchandising  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A study of the processes required to bring consumer goods to the marketplace. The retail buyer's role is explored in the selection process at the wholesale market, resource development, assessment of quality of goods and classification merchandising.  
Prerequisite(s): A minimum grade of "D" in FMAD 1110.  

FMAD 3233  Visual Merchandising  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Principles and applications of the visual presentation of merchandise including display, design and materials appropriate to a store’s image.  
Prerequisite(s): A minimum grade of "D" in all of the following: FMAD 3210 and FMAD 3232.  

FMAD 3234  Textiles  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Emphasizes the fiber characteristics, fabric properties, and manufacturing processes that affect the selection, use, and care of textile goods.  
Prerequisite(s): A minimum grade of "D" in FMAD 1110.  

FMAD 3235  History of Costume  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Chronological survey of the development and characteristics of historic costume from the ancient Egyptian culture to the present.  

FMAD 3236  Apparel II  
3 Credit Hours.  1 Lecture Hour.  4 Lab Hours.  
Investigates the art principles as they relate to apparel selection and the importance of quality and price in wardrobe selection. The student gains experience in advanced construction skills necessary to manipulate current fashion fabrics into a garment.  
Prerequisite(s): A minimum grade of "C" in FMAD 1234.  

FMAD 3237  Apparel Analysis  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An in-depth investigation of the development, production, and comparison of wearing apparel. Focus on the structural, functional and decorative aspects of apparel. Emphasis on sourcing of companies and materials, costing of product line, and comparing design and manufacturing techniques that affect price, quality, and size of apparel.  

FMAD 3239  Fashion Illustration  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Techniques in fashion illustration and technical drawing for application in the fashion industry.  

FMAD 3330  Global Apparel and Textile Production  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Analysis of social responsibility, economics, cultural values, and trade policy on the global production, distribution, and consumption of apparel and textile products.  
Prerequisite(s): A minimum grade of "C" in FMAD 1110.  

FMAD 4231  Apparel Design Analysis I  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Application of principles involved in designing apparel using flat pattern techniques.  
Prerequisite(s): FMAD 3236.
FMAD 4232 Apparel Design Analysis II  
3 Credit Hours. 0 Lecture Hours. 6 Lab Hours.  
Application of principles involved in designing apparel using draping techniques.  
Prerequisite(s): A minimum grade of "D" in FMAD 4231.

FMAD 4234 Fashion Presentation and Promotion  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Principles and practice of merchandise presentation and promotion at the wholesale and retail levels. Experience in planning, executing, and evaluating fashion promotions.  
Prerequisite(s): FMAD 3232 or Permission of Instructor.

FMAD 4236 Fashion Study Tour  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Supervised field study which includes an integrative study of the fashion industry. Visits include historic costume collections, wholesale showrooms, auxiliary fashion enterprises and noted retail stores. Seminars on campus and at pre-arranged appointments during tour dates. While planned specifically for Fashion Merchandising and Apparel Design majors, other interested persons who qualify for Admission may participate.  
Prerequisite(s): A minimum grade of "C" in FMAD 3210 and for design emphasis students a minimum grade of "C" in FMAD 4232 or for merchandising emphasis students a minimum grade of "C" in FMAD 3233 and FMAD 4234.

FMAD 4790 Internship in FMAD  
12 Credit Hours. 0 Lecture Hours. 1-3 Lab Hours.  
Supervised work-study program in fashion and apparel industry selected by the student and preapproved by the student's advisor. Students will work full-time for the entire semester while enrolled in the internship program. Students must agree to abide by regulations governing all employees of the sponsor.  
Prerequisite(s): 2.0 GPA and approval of instructor.

FMAD 4899 Directed Individual Study  
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor.  
Prerequisite(s): Permission of Instructor.

FORL Foreign Language

FORL 1090 Selected Topics in Foreign Languages  
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.  
Elementary level foreign language topic.

FORL 2090 Intermediate Foreign Language  
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.  
Study of a foreign language at the Intermediate level. Continued building upon proficiency skills (speaking, writing, listening, and reading) and cultural understanding. Focus on development of the ability to create with the language, to resolve simple situations, to ask and answer questions, and to begin to describe in detail and to narrate.

FORL 3030 Selected Topics in Foreign Languages  
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.  
Study of a topic in Foreign Languages literature, culture, society, thought or language not included in the regular offering. Continued development of all five language competencies (listening, speaking, reading, writing, and culture). May be repeated for credit provided a new topic is studied.  
Prerequisite(s): A minimum grade of "C" in FORL 2090 Intermediate II.

FORL 3431 Foreign Languages Methods: P-8  
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.  
This course includes the study of the historical, theoretical, and practical dimensions of materials and methodology in foreign language education. Through lectures, discussions and class activities, students will become familiar with the theory and practice of teaching foreign languages at the P-8 level. These activities include the reading and discussion of text materials; development of unit plans, lesson plans, and assessment instruments, evaluation of materials and in-class demonstrations of teaching techniques.  
Prerequisite(s): Successful completion of the Pre-Professional Education Block and admission to Teacher Education Program.

FORL 3432 Foreign Languages Methods: 8-12  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course includes the study of the historical, theoretical, and practical dimensions of materials and methodology in foreign language education. Through lectures, discussions and class activities, students will become familiar with the theory and practice of teaching foreign languages at the 9-12 level. These activities include the reading and discussion of text materials; development of unit plans, lesson plans, and assessment instruments, evaluation of materials and in-class demonstrations of teaching techniques.  
Prerequisite(s): Successful completion of the Pre-Professional Education Block and admission to Teacher Education Program.

FORL 3750 Internship I - Pre-Student Teaching  
3 Credit Hours. 0 Lecture Hours. 1-15 Lab Hours.  
Opportunity to observe and participate in classroom activities in a supervised P-12 public school setting.

FORL 4030 Selected Topics in Foreign Languages  
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.  
Study of a topic in Foreign Languages literature, culture society, thought or language not included in the regular offering. Continued development of all five language competencies (listening, speaking, reading, writing, and culture). May be repeated for credit provided a new topic is studied.  
Prerequisite(s): A minimum grade of "C" in FORL 2090 Intermediate II.

FORL 4393 Practicum in Foreign Language Education  
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Provides field experience opportunities for students pursuing a bachelor's degree in Spanish, French, or German education to relate principles and theories to actual practice in diverse educational settings.

FORL 4750 Internship II - Student Teaching  
12 Credit Hours. 0 Lecture Hours. 1-12 Lab Hours.  
Supervised field-based teaching experiences providing the opportunity to use knowledge and skills in a P-12 public school setting.

FORL 4790 Internship in Foreign Languages  
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.  
Internship in non-English language.  
Prerequisite(s): Departmental approval.

FORL 4890 Directed Study in Foreign Languages  
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Concentrated study of a topic in literature, culture, society thought or language. May be repeated for credit provided a new topic is studied.  
Prerequisite(s): Department approval.

FORL 5500 Foreign Language Exit Exam  
0 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
This is a non-credit course that is required of BA-Modern Languages majors. Generally to be taken in the final semester of coursework in the language. Offered only in Fall and Spring. Permission of advisor or chair required.  
Prerequisite(s): Departmental approval.  
Cross Listing(s): FORL 5500G.

FREN French
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Lecture Hours</th>
<th>Lab Hours</th>
<th>Prerequisite(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 1001</td>
<td>Elementary French I</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Introduction to listening, speaking, reading, and writing in French with further study of the culture of French-speaking regions.</td>
</tr>
<tr>
<td>FREN 1002</td>
<td>Elementary French II</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Continued listening, speaking, reading, and writing in French with further study of the culture of French-speaking regions.</td>
</tr>
<tr>
<td>FREN 1060</td>
<td>Accelerated Elementary French</td>
<td>6</td>
<td>6</td>
<td>0</td>
<td></td>
<td>An accelerated introduction to listening, speaking, reading, and writing in French and to the culture of French-speaking regions. Completes the elementary levels of French in one semester.</td>
</tr>
<tr>
<td>FREN 2001</td>
<td>Intermediate French I</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Building upon communication skills (understanding, speaking, reading, and writing French) and cultural understanding, developed at the elementary level. Prerequisite(s): A minimum grade of &quot;C&quot; in FREN 1002 or FREN 1060.</td>
</tr>
<tr>
<td>FREN 2002</td>
<td>Intermediate French II</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Continued focus on communication skills and cultural understanding. Prerequisite(s): A minimum grade of &quot;C&quot; in FREN 2001.</td>
</tr>
<tr>
<td>FREN 2010</td>
<td>Intermediate Conversation</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>A study of conversational techniques, integrating grammatical structures and appropriate vocabulary. Emphasis is given to practicing spoken French and to using audio programs to increase listening comprehension. Attention is also given to pronunciation and phonetics. Prerequisite(s): FREN 2002.</td>
</tr>
<tr>
<td>FREN 2060</td>
<td>Accelerated Intermediate French</td>
<td>6</td>
<td>6</td>
<td>0</td>
<td></td>
<td>Accelerated intermediate French with continued work on listening, speaking, reading, and writing in French and the culture of French-speaking regions. Completes the intermediate levels of French in one semester. Prerequisite(s): A minimum grade of &quot;C&quot; in FREN 1002 or FREN 1060.</td>
</tr>
<tr>
<td>FREN 3001</td>
<td>French Conversation</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>A study of conversational techniques, integrating grammatical structures and appropriate vocabulary. Emphasis is given to practicing spoken French and to using audio programs to increase listening comprehension. Attendance is also given to pronunciation and phonetics. Prerequisite(s): FREN 2002.</td>
</tr>
<tr>
<td>FREN 3002</td>
<td>French Composition</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>A thorough review and expansion of the main grammatical concepts, rules and applications studied in FREN 1001, FREN 1002, FREN 2001, and FREN 2002 courses. A practical application of grammar study through translations (English to French), formal/informal writing, listening and speaking, and refinement of self-editing skills. Prerequisite(s): FREN 2002.</td>
</tr>
<tr>
<td>FREN 3030</td>
<td>Selected Topics in French</td>
<td>1-3</td>
<td>1-3</td>
<td>0</td>
<td></td>
<td>This course involves the study of a topic in French literature, culture, society, thought or language not included in the regular course offerings. Students focus on the continued development of all five language competencies (listening, speaking, reading, writing, and culture). This course may be repeated for credit provided a new topic is studied. Conducted in French. Prerequisite(s): A minimum grade of &quot;C&quot; in FREN 2002 or FREN 2060.</td>
</tr>
<tr>
<td>FREN 3100</td>
<td>Fren Culture &amp; Civilization I</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Survey of the culture and civilization of France. History, geography, politics, the arts and daily life in France from the middle ages to the French Revolution. Prerequisite(s): Completion of FREN 2002.</td>
</tr>
<tr>
<td>FREN 3132</td>
<td>French Through Literature: The Short Story</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Continued development of all five language competencies through the study of selected short stories representative of the main periods and styles. Course work includes oral reading, writing, and grammar activities. Conducted in French. Prerequisite(s): A minimum grade of &quot;C&quot; in FREN 2002 or FREN 2060.</td>
</tr>
<tr>
<td>FREN 3136</td>
<td>French through Film</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Continued development of all five language competencies (listening, speaking, reading, writing, and culture) through an in-depth study of selected feature films. Course work includes oral comprehension, speaking, reading, writing, and grammar activities. Emphasis on everyday spoken French. Conducted in French. Prerequisite(s): A minimum grade of &quot;C&quot; in FREN 2002 or FREN 2060.</td>
</tr>
<tr>
<td>FREN 3150</td>
<td>French Culture and Civilization II</td>
<td>3</td>
<td>3</td>
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<td></td>
<td>A survey of the historical, sociological, philosophical, literary, and artistic developments of France and neighboring French-speaking European countries up to modern times. Prerequisite(s): FREN 2002.</td>
</tr>
<tr>
<td>FREN 3160</td>
<td>Francophone Cultures and Civilization</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>A survey of the historical, sociological, philosophical, literary, and artistic developments of the Francophone world. Prerequisite(s): FREN 2002.</td>
</tr>
<tr>
<td>FREN 3195</td>
<td>Studies Abroad: Language</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Continued development of all five language competencies (listening, speaking, reading, writing, and culture) with strong emphasis on everyday functions essential to living in France. Conducted in French. Prerequisite(s): A minimum grade of &quot;C&quot; in FREN 2002 or FREN 2060, department approval.</td>
</tr>
<tr>
<td>FREN 3201</td>
<td>Approaches to Literature</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>The development of students' reading and writing skills along with knowledge of the major literary genres and literary thought. Texts are from traditional and contemporary sources (selections of prose, poetry, and theater). Prerequisite(s): FREN 2002.</td>
</tr>
<tr>
<td>FREN 3250</td>
<td>Survey of French Literature (Middle Ages to Present)</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Selected major literary works, authors, and literary movements of France from the Middle Ages to present. Prerequisite(s): A minimum grade of &quot;C&quot; in FREN 2002.</td>
</tr>
<tr>
<td>FREN 3260</td>
<td>Survey of Francophone Literature</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Selected major literary works, authors, and literary movements of the Francophone world. Prerequisite(s): A minimum grade of &quot;C&quot; in FREN 2002.</td>
</tr>
<tr>
<td>FREN 3300</td>
<td>French Phonetics and Phonology</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
<td>Study of phonetic principles and their applications. Prerequisite(s): FREN 2002.</td>
</tr>
</tbody>
</table>

**FREN French**
FREN 3395 Studies Abroad: Culture
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continued development of all five language competencies (listening, speaking, reading, writing, and culture) through the study of a geographic region in France based on residential study in the region. Conducted in French.
Prerequisite(s): A minimum grade of "C" in FREN 2002 or FREN 2060.
FREN 3400 Culture, Business, and Society in the French-Speaking World
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of culture as it relates to business practices in the French speaking world. A variety of authentic media sources will be used. Emphasis will be put on listening comprehension and translation as well as on business correspondence.
Prerequisite(s): FREN 2002.
FREN 4001 Advanced French Conversation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An advanced study of spoken and written French, with emphasis on oral and written communication strategies, including the interpersonal and presentation modes, for communication in Francophone contexts. Attention is given to the grammatical structure of language.
Prerequisite(s): FREN 2002.
FREN 4002 Advanced French Composition
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An advanced study of grammar, syntax, and vocabulary with refinement of writing skills through composition.
Prerequisite(s): FREN 2002.
FREN 4030 Selected Topics in French
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of a topic in French literature, culture, society, thought, or language not included in regular offerings. Conducted in French.
Prerequisite(s): A minimum grade of "C" in FREN 2002 or FREN 2060.
FREN 4130 Advanced Grammar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Intensive review of major grammatical structures. Extensive oral and written activities, including grammar exercises and compositions. Conducted in French.
Prerequisite(s): Minimum grade of "C" in FREN 2002 or FREN 2060.
FREN 4185 Studies Abroad: Speaking II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in oral communications in French using materials that are appropriate for building on advanced-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in FREN 2002 or FREN 2060.
FREN 4210 Business French
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
French used in business settings and commercial correspondence, along with procedures generally applicable to international commerce. Course taught in French.
Prerequisite(s): FREN 2002.
FREN 4330 Contemporary France
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An in-depth study of present-day France, including its institutions, daily life, current events, and its place in Europe and on the international scene. Extensive use of authentic materials (newspapers, magazines, TV and radio materials, and the Internet). Conducted in French.
Prerequisite(s): A minimum grade of "C" in FREN 2002 or FREN 2060.
FREN 4385 Studies Abroad: Writing II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in written communications in French using materials that are appropriate for building on advanced-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in FREN 2002 or FREN 2060.
FREN 4890 Directed Study in French
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Concentrated study of a topic in French literature, culture, society, thought or language. May be repeated for credit provided a new topic is studied.
Prerequisite(s): Department approval.
FREN 4960 Study Abroad
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A term abroad of French study in conjunction with the University System of Georgia. Intensive instruction complemented by excursions. May be repeated for a maximum of 9 hours if topics are different.
Prerequisite(s): FREN 1002.
FREN 4991 Senior Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An all-inclusive communication skills course. This course focuses on the four basic skills: reading, listening, speaking and writing. It is designed to access and reinforce the skills the students has acquired as a French major. Required of all French majors.
FREN 5090 Selected Topics in French
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Study of a topic in French literature, culture, society, thought, or language not included in regular offerings. Conducted in French.
Cross Listing(s): FREN 5090G.

FYE First-Year Experience
FYE 1000 Conversations with Professors
0 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
75-minute program the day before classes begin, designed to promote a conversation between a faculty member and a group of students in his or her college about how to get off to a successful start during the first week of classes. It is an opportunity for faculty members to help new students understand their roles as student learners and to express faculty expectations for student engagement.
FYE 1220 First-Year Seminar
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Seminar designed to develop foundational information literacy skills and apply them to academic inquiry, academic planning, and campus engagement. Required during students' first semester at the university (except for transfer students who enter with 30 hours or more); students may not withdraw.
FYE 1410 Global Citizens
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Graduates in all fields face many challenges in today's world that require the ability to think and engage globally. Doing so requires recognizing that different cultural perspectives influence the understanding of world issues. In this seminar, students explain factors that contribute to their cultural perspective, apply multiple cultural perspectives to global issues, and then apply this knowledge through engagement with local communities or problems. Faculty from across the University design courses drawing on examples from their disciplines, and students are encouraged to select sections offered by faculty in their fields or potential fields. In preparation for subsequent coursework as upper-class students, first-year students enroll in this course in their second semester.
Prerequisite(s): FYE 1220.
FYE 2090 Selected Topics in First-Year Experience
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Selected topics in First-Year Experience offered on an irregular basis. Individual sections carry a subtitle.
Prerequisite(s): FYE 1220.
FYE 2212 Teaching Internship in First-Year Experience
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Provides selected sophomore, junior and senior students an opportunity to develop leadership and mentoring skills through their involvement with FYE 1220: First-Year Seminar. Includes training in counseling, communication, problem solving, classroom management, and conflict resolution skills. Under the supervision of the First-Year Experience program and the faculty member teaching the FYE 1220 course, students in FYE 2212 lead classroom discussions and activities, assess student work, and serve as a resource for first-year students.

GCM Graphic Comm Management

GCM 1131 Graphic Communications Technology
3 Credit Hours. 0.2 Lecture Hours. 0.3 Lab Hours.
An introduction to careers, the printing processes and the steps involved in preparing images for production in graphic communications.

GCM 1321 Desktop Publishing
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
This is a general course presenting the development, growth and influence of desktop publishing in today's society. The course presents the various hardware and software used in desktop publishing, as well as technologies that have evolved from desktop publishing. Students are introduced to typography and typographic principles, digital photography, scanning, image resolution, photo editing, imposition and their correct use in the creation of both everyday and formal communications. Students learn what makes an aesthetically pleasing document in both formal and informal settings.
Corequisite(s): GCM 1411.

GCM 1411 Desktop Publishing Laboratory
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Through detailed instruction and problem solving activities, students use current desktop publishing hardware and software and apply various concepts learned in GCM 1321 (Desktop Publishing) including, drawing applications, page assembly, photo editing, digital photography, scanning, typography, aesthetics, image resolution and imposition.
Corequisite(s): GCM 1321.

GCM 1631 Introduction to Multimedia
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
The course will introduce students to multimedia through its history, its various uses, and its different components. Students will create multimedia products and solve problems related to the creation of their components. Students will plan a multimedia presentation, create the various components and assemble those components into an effective multimedia presentation using current digital technologies.

GCM 2332 Bindery and Finishing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed to orient the student to the various bindery, finishing, and distribution processes and practices common to the printing industry. Plant visits to bindery, finishing, and distribution firms.
Prerequisite(s): A minimum grade of "C" in GCM 1131.
Corequisite(s): GCM 2412.

GCM 2412 Bindery and Finishing Laboratory
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Designed to engage students with the processes and real world problems of bindery, finishing, and distribution processes and practices common to the printing industry. Plant visits to bindery, finishing, and distribution firms.
Prerequisite(s): A minimum grade "C" in GCM 1131.
Corequisite(s): GCM 2332.

GCM 2432 Inks and Substrates
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the dynamic relationship between inks and the materials on which they are printed. Areas of concern include the manufacturing processes and characteristics of inks and papers, testing procedures used with inks and substrates.
Prerequisite(s): A minimum grade of "C" in GCM 1131.

GCM 2512 Desktop Publishing II Laboratory
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A laboratory experience that uses detailed instruction and problem solving activities, which students complete through the use of current desktop publishing hardware and software. This course supports the concepts learned in Desktop Publishing II (GCM 2532) through hands-on activities. Topics include digitizing originals, file format usage and creation, file preflight, image trapping, digital imposition, advanced image editing techniques and concepts and advanced desktop publishing techniques and concepts.
Prerequisite(s): A minimum grade of "C" in GCM 1321 and GCM 1411.
Corequisite(s): GCM 2512.

GCM 2532 Desktop Publishing II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course builds on the concepts learned in Desktop Publishing (GCM 1321) and expands on the relationship between desktop publishing and digital prepress. Students examine the techniques and technologies used to create the visual images we see all around us. The concepts taught move the student from beginning desktop publishing into the world of digital prepress. Topics include the prepress working environment, hardware and software considerations, font and file management, bitmap and vector graphics, digital image characteristics, digital imposition, and digital image trapping.
Prerequisite(s): A minimum grade of "C" in GCM 1321, GCM 1411.
Corequisite(s): GCM 2512.

GCM 2721 Industrial Practicum
2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Designed for direct observation and work experience with the local printing industry. The student is exposed to problems, practices, management structures, and work ethics.
Prerequisite(s): A minimum grade of "C" in GCM 1131, GCM 1321.

GCM 3110 Instructional Assistance
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
A supervised experience in the instructional process (on the university level) through direct participation in a laboratory situation. Grading is evaluated on a satisfactory/unsatisfactory basis only. This course may be repeated for a total of three semester hours.
Prerequisite(s): Departmental approval required.

GCM 3130 Customer Service for Graphic Communications
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A course designed to acquaint the students with duties and responsibilities associated with customer service for graphic communications management.

GCM 3231 Print Media Processes
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
An intermediate technical study of lithography, flexography, screen and specialty printing and digital outputs processes and the image preparation requirements for each. The course will provide experiences that demonstrates the similarities and differences of print media and discuss criteria for choosing one versus another. Students will gain a greater understanding of the mass production options available for graphic communication.
Prerequisite(s): A minimum grade of "C" in GCM 1131, GCM 1321, GCM 1411.
GCM 3735 Graphic Communications Internship I
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Designed for students to receive practical work experience with an approved graphic communications firm. A minimum of 400 contact hours with the host site is required.
Prerequisite(s): A minimum grade of "C" in GCM 1131 and a minimum 7 hours from GCM 2432, GCM 2332, GCM 2412, GCM 2532, GCM 2512.

GCM 3745 Graphic Comm Internship II
4 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Designed for students to receive practical work experience with an approved graphic communications firm. A minimum of 480 contact hours with the host site is required. Graphic Communications Management Majors.
Prerequisite(s): A minimum grade of "C" in GCM 2721.
Cross Listing(s): GCM 3735.

GCM 4132 Screen and Specialty Printing
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course introduces the student to the methods, procedures and technologies used in the screen and specialty printing industry, including screen printing, pad printing, sublimation printing and embroidery. Projects and discussions involve the various production methods and material requirements. Experiences include planning, image preparation, image carrier preparation, single and multi-color printing, medium curing and drying, finishing and hands-on experiences with the various process.
Prerequisite(s): A minimum grade of "C" in GCM 3231.

GCM 4232 Photo Preparation for Reproduction
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
A combination of traditional and digital photography techniques is used to enhance the quality of the original photograph. The focus of the class is on creating images which maximize resolution while reducing editing requirements. Students choose and use various lighting arrangements and output techniques to improve final image quality.
Prerequisite(s): A minimum grade of "C" in GCM 1131 and MJ 3333.

GCM 4736 Graphic Communications Internship II
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Designed for students to further their industry experience beyond GCM 3735. A minimum of 400 hours contact hours with the host site is required.
Prerequisite(s): A minimum grade of "C" in GCM 3735 or GCM 3475.

GCM 4899 Independent Study
1-3 Credit Hours. 0-3 Lecture Hours. 0-3 Lab Hours.
Independent study is available for the student to undertake individualized experimentation, research, or study related to the printing industry. The specific topic will be determined and approved by the faculty and the student prior to the semester in which the course is taken. Academic credit is assigned to the independent study commensurate with the magnitude of the study.

GCM 5090 Selected Topics in Graphic Communications
1-3 Credit Hours. 0-3 Lecture Hours. 0-3 Lab Hours.
This course is scheduled on an infrequent basis to explore special areas in technology and will carry a subtitle. Credit is variable from 1 to 3 semester hours. This special topics course is in keeping with established policies for offering a structured course on an infrequent basis. It will allow faculty to offer a course on a trial basis for possible approval at a later date.
Cross Listing(s): GCM 5090G.

GCM 5234 Color Reproduction
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An exploration of professional color reproduction concepts and procedures related to the graphic communications and information technology industries. Topics include color theory, copy evaluation, color separation methods, color reproduction variables, color separation hardware and software, and color management systems.
Prerequisite(s): A minimum grade of "C" in GCM 3745.
Corequisite(s): GCM 5314.
Cross Listing(s): GCM 5234G.

GCM 5314 Color Reproduction Laboratory
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
This is a hands on laboratory course. The laboratory activities include the following: test for abnormal color vision, color measurement and evaluation, color standards, color proofing, color scanning, color reproduction methods, color management systems, color reproduction techniques using Photoshop and other software.
Prerequisite(s): A minimum grade of "C" in GCM 3745.
Corequisite(s): GCM 5234.
Cross Listing(s): GCM 5314G.

GCM 5331 Flexography
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Introduction to the flexographic printing industry. Discussions will include the design, techniques, processes, and manufacture of flexographic printed products. Activities will include setup and operation of a flexographic press.
Prerequisite(s): A minimum grade of "C" in GCM 3231.
Cross Listing(s): GCM 5331G.

GCM 5332 Multimedia Presentations
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Multimedia Presentations is the study of digital imaging applications for presentations. The course covers the creation of digital components for multimedia presentations, including sound, graphics, animation, and video technique, and their use in multimedia presentations for video, CD ROM, and the Internet.
Prerequisite(s): A minimum grade of "C" in GCM 1631.
Cross Listing(s): GCM 5332G.

GCM 5334 Imaging Systems
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Imaging Systems is an in-depth course of how to effectively use, organize, and link imaging workstations, peripherals, systems, and files for information imaging. Current trends and issues of the industry are also covered.
Prerequisite(s): A minimum grade of "C" in GCM 3745.
Cross Listing(s): GCM 5334G.

GCM 5335 Graphic Communications Management Topics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Course topics focus specifically on managerial decisions as they uniquely apply to graphic communications, such as: facilities planning and production flow, trade customs, contracts, and quality control and testing.
Prerequisite(s): A minimum grade of "C" in GCM 3745.
Cross Listing(s): GCM 5335G.

GCM 5434 Lithographic Reproduction
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
Designed to introduce the student to image assembly for presswork. Topics include imposition layouts, image assembly, platemaking, proofing systems, press operation and safety.
Prerequisite(s): A minimum grade of "C" in GCM 3231.
Cross Listing(s): GCM 5434G.

GCM 5534 Digital Output Applications
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Covers the utilization of electronic imaging technologies for output applications for information imaging. Specific topics include internet development and management, and print-on-demand development and management.
Prerequisite(s): A minimum grade of "C" in GCM 3231.
Cross Listing(s): GCM 5534G.

GCM 5535 Estimating for Print Production
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Acquaints the student with various types of estimating practices used for print production. The student will learn how to measure cost centers, calculate materials used and conceptualize the production process.
Prerequisite(s): A minimum grade of "C" in GCM 3745.
Cross Listing(s): GCM 5535G.
GEOG Geography

GEOG 1100  World Regional Geography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of various regions of the world-natural, cultural, political, and economic with emphasis on fundamental geographic information.

GEOG 1101  Introduction to Human Geography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of global patterns of resources, population, culture, and economic systems. Emphasis is placed upon the factors contributing to these patterns and the distinctions between the technologically advanced and less advanced regions of the world.

GEOG 1110  Climate and the Landscape Lab
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A series of laboratories and exercises designed to provide hands-on applications of general theories regarding earth processes discussed in GEOG 1111, Climate and the Landscape.

GEOG 1111  Physical Geography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The earth's surface in its areal differentiation. Focuses on the various elements of physical geography that act as a foundation to the discipline, including location and interaction of physical surficial phenomena.

GEOG 1130  World Regional Geography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of geographic regions of the world emphasizing physical landscapes, resources, economies, culture and politics. Selected problems or situations of contemporary interest will be incorporated.

GEOG 3020  Introduction to Geology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to physical geology. Study of common earth materials, dynamic processes of change, volcanology, seismology, plate tectonics, and the structure and evolution of the earth's crust and inner regions.
Prerequisite(s): Completion of GEOG 1111.

GEOG 3330  Weather and Climate
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Elements and controls of weather and climate and the distribution and characteristics of climate regions.
Prerequisite(s): GEOG 1111.

GEOG 3440  Introduction to GIS and Cartography
4 Credit Hours. 0.2 Lecture Hours. 0.4 Lab Hours.
An introduction to the basic concepts, theories, techniques, and applications of Geographic Information Systems (GIS) and cartography. Students will learn and apply GIS and cartographic concepts to gain extensive hands-on experience in thematic mapping and manipulation of geo-referenced spatial information using GIS software.

GEOG 4120  Introduction to Research
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
The process of research utilizing the scientific method will be studied. Research methods in human and physical geography are discussed and critiqued. Methodologies including literature searches, topic selection and refinement, and research problem solving will be discussed. A proposal for a research project will be selected or assigned, a proposal written, and an oral presentation of the proposed research will be made. A minimum grade of "B" is required to continue in the research sequence.
Prerequisite(s): Permission of instructor required.

GEOG 4131  Geography of the American South
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Systematic regional treatment of the South including the physical, cultural and economic aspects of its various regions.

GEOG 4232  Geography of Latin America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of the physical, cultural and economic geography of Latin America, including Mexico.
Cross Listing(s): LAST 4232.

GEOG 4233  Geography of Asia
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the physical, cultural, political and economic geography of the countries of Asia. Selected problems or situations of contemporary interest will be incorporated.

GEOG 4330  Geography of Africa South of the Sahara
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the physical, cultural, political and economic geography of Africa south of the Sahara Desert. Selected problems or situations of contemporary interest will be incorporated.
Cross Listing(s): AAST 4330.

GEOG 4430  Geography of Europe
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of the physical, cultural, political and economic geography of Europe. Situations of contemporary interest will be included.

GEOG 4542  Intermediate GIS
4 Credit Hours. 0.2 Lecture Hours. 0.4 Lab Hours.
An introduction to advanced data models and spatial data analysis functions of Geographic Information Systems (GIS) software, with an emphasis on the conversion among various GIS data formats and geodatabase construction and management.
Prerequisite(s): GEOG 3440.

GEOG 4790  Internship in Geography
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The internship allows students to work in a professional setting related to their chosen concentration in the field. Undergraduate students can earn between one and six credits for internships approved by their academic advisor and the Department's Internship Director. Students must maintain contact with the Internship Director through the course of the internship work, and must submit a written report and a work product at the end of the project. Internship credits can be used for elective credit only and may not substitute for specific degree requirements.
Prerequisite(s): Permission of the Geology and Geography Internship Director is required.

GEOG 4830  Senior Thesis Research I
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Students will complete a literature review and evaluation and conduct independent research as outlined in their research proposal formulated during Introduction to Research (GEOG 4120). Research is conducted under the direction of a faculty advisor and will lead to the completion of the senior thesis.
Prerequisite(s): A minimum grade of "B" in GEOG 4120 and a minimum GPA of 3.0.

GEOG 4831  Senior Thesis Research II
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The process of scientific communication will be investigated and practiced through completion of a senior thesis project. This project includes both a written thesis and research presentation. Students will format a thesis manuscript suitable for publication in a professional journal and design and deliver an oral presentation suitable for a professional conference.
Prerequisite(s): A minimum grade of "B" in GEOG 4830.

GEOG 5090  Selected Topics
1-9 Credit Hours. 0-9 Lecture Hours. 0-9 Lab Hours.
Offered with or without a lab on an experimental basis.
Cross Listing(s): GEOG 5090G.
GEOG 5091 Applied GIS
4 Credit Hours. 0 Lecture Hours. 8 Lab Hours. Applications of advanced GIS design and modeling to a specific topical or geographic area. Topics and studies will be varied over time. Prerequisite(s): GEOG 3440 and GEOG 4542 and GEOG 5540. Cross Listing(s): GEOG 5091G.

GEOG 5130 Geography of North America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. Systematic regional treatment of Canada and the United States including the physical, cultural, and economic aspects of various sub-regions. Special attention will be paid to comparative themes such as resource development, trade, and migration. Cross Listing(s): GEOG 5130G.

GEOG 5230 Urban Geography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. An analysis of site, situation, base, principal functions, distribution, supporting areas and internal structure of urban settlements. Prerequisite(s): GEOG 1101 or GEOG 1130. Cross Listing(s): GEOG 5230G.

GEOG 5231 Economic Geography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. Study of the distribution, production and utilization of the world's basic commodities. Prerequisite(s): GEOG 1101 or GEOG 1130. Cross Listing(s): GEOG 5231G.

GEOG 5330 Population Geography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. This course explores issues and themes related to the patterns, processes, and consequences of the spatial distribution of the world's population. The course is organized around the fundamental components of population change, fertility, mortality, and migration. Current events related to population change and distribution in multiple geographical contexts will constitute a primary focus of the course. Prerequisite(s): GEOG 1101 or GEOG 1130. Cross Listing(s): GEOG 5330G.

GEOG 5430 Political Geography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. This course will cover the geography of political behavior from the local to the global scale by examining the relationship of geography and politics. Students will investigate the rapidly changing geopolitics of the era in which they live, with special emphasis on international relations, sovereignty, war, and terrorism. Additionally, the course will focus on redistricting, the Electoral College, and other geographic elements of our American democratic system. Prerequisite(s): GEOG 1101 or GEOG 1130. Cross Listing(s): GEOG 5430G.

GEOG 5435 Nature and Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. This course will examine factors that affect humans' perspectives on resources and analyze the availability, scarcity, and valuing of natural resources, in addition to conflicts over their use. Cross Listing(s): GEOG 5435G.

GEOG 5440 Remote Sensing
4 Credit Hours. 2 Lecture Hours. 4 Lab Hours. This course is designed to introduce the principles and applications of remote sensing and imagery, including electromagnetic energy, the interaction between energy and earth's surface, remotely sensed data, and the major sensor systems. Cross Listing(s): GEOG 5440G.

GEOG 5530 Cultural Geography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. An examination of the world’s diverse cultural landscapes. Emphasis on the connections between social, political, religious and agricultural patterns and the impact of societies on the natural environment. Prerequisite(s): GEOG 1130 or GEOG 1101. Cross Listing(s): GEOG 5530G.

GEOG 5531 Environmental Impact and Remediation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. This course will introduce students to the National Environmental Policy Act (NEPA), its Environmental Impact Assessment (EIA) process per the Council on Environmental Quality (CEQ), and review criteria regarding whether a Finding Of No Significant Impact (FONSI) or requirement for an Environmental Impact Statement (EIS) is issued. Students will see how the EIA process can be applied to the workflow of federal projects, from the research phase through planning, remediation, monitoring, evaluation, and improved regulatory enforcement/environmental policy. Prerequisite(s): GEOG 1111. Cross Listing(s): GEOG 5531G.

GEOG 5532 Tourism Geographies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. A critical/cultural analysis of the influence of tourism on communities and landscapes, focusing on its economics, social, and environmental impacts through case studies. Prerequisite(s): GEOG 1101 or GEOG 1130 or permission of instructor. Cross Listing(s): GEOG 5532G.

GEOG 5535 Biogeography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. Introduces students to biogeography: the study of the distribution of plants and animals. Both historical taxonomic and ecosystems biogeography are covered. The analysis and explanation of spatial patterns of plant and animal distribution, while addressing change in species distribution and evolution in response to climate change and the process of continental drift that have taken place in the past and are taking place today, will be emphasized. Prerequisite(s): GEOG 1111 or BIOL 1230 or BIOL 1331 or BIOL 1335 or GEOL 1430.

GEOG 5540 Advanced GIS
4 Credit Hours. 2 Lecture Hours. 4 Lab Hours. This course covers the advanced spatial analysis and modeling functions of GIS and offers both fundamental theoretical background and extensive hands-on experience in spatial analysis and modeling. Major topics include network analysis, surface modeling, spatial patterns analysis, spatial data visualization, and basics of spatial statistics. Prerequisite(s): GEOG 3440 and GEOG 4542. Cross Listing(s): GEOG 5540G.

GEOG 5545 Ecohydrology
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours. This course will cover how water interacts to connect the biotic and abiotic components of ecosystems, with a focus on forests. Students will measure hydrologic processes to determine the water budget of an on-campus forest and associate these measurements to ecological processes upon which human society relies (watershed management and sustainable agriculture). This includes training on common and cutting-edge ecohydrological field equipment installation, operation, maintenance, and data analysis techniques. Additionally, students will compare their results to studies around the globe. Prerequisite(s): GEOG 1111. Cross Listing(s): GEOG 5545G.
GEOG 5590 Field Studies in Geography  
3-8 Credit Hours. 3-8 Lecture Hours. 0 Lab Hours.  
An intensive course on a specific region of the world conducted in that  
region combining lecture, observation and travel. Students usually will  
bear tuition, travel and living expenses during the course. May be repeated  
for credit in different regions.  
Cross Listing(s): GEOG 5590G.  
GEOG 5890 Directed Study  
1-4 Credit Hours. 1-4 Lecture Hours. 0 Lab Hours.  
Independent study for advanced students.  
Prerequisite(s): Approval of Department Chair is required.  
Cross Listing(s): GEOG 5890G.  

GEOL Geology  
GEOL 1011K Introductory Geosciences I  
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.  
This course covers Earth materials and processes.  
GEOL 1121 Introduction to the Earth  
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.  
An introductory study of the origin and structure of earth materials and  
the processes which modify Earth’s interior and exterior. The laboratory  
component of this course offers hands-on exercises related to Earth  
materials, interpretation of topographic and geologic maps, principles of  
geologic time, and plate tectonic processes.  
GEOL 1121K Introduction Geosciences I With Lab  
4 Credit Hours. 3 Lecture Hours. 2 Lab Hours.  
GEOL 1122 General Historical Geology  
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.  
Discusses the origin and geological history of Earth. Methods of  
interpretation, fossils, geologic time measurements, time scales, physical  
and organic development of Earth are taught.  
Prerequisite(s): GEOL 1121 (may be taken concurrently with permission  
of instructor).  
GEOL 1310 Environmental Geology Lab  
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.  
A series of laboratory components that involve hands-on exercises with  
earth materials and processes which modify the Earth’s interior and  
extrerior.  
Prerequisite(s): GEOL 1340 or a minimum grade of “C” in GEOL  
1011K.  
GEOL 1340 Environmental Geology  
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.  
An introduction to using geologic principles and knowledge to address  
problems arising from the interaction between humans and the geologic  
environment. One major component of the course examines geologic  
hazards, including flooding, earthquakes, volcanic eruptions, and coastal  
erosion. The other component explores important geologic resources,  
including water, soils, mineral, and energy, and the way modern society  
depends on these resources. The laboratory portion of the course consists  
of hands-on data collection, analysis, and problem solving of geologic and  
environmental problems related to natural hazards and society’s use of  
Earth resources.  
Cross Listing(s): GEOL 1310.  
GEOL 1430 Dinosaurs, Extinctions and Disasters  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A review of the dynamic processes of extinction, evolution, and change in  
animal communities that were dominated by dinosaurs, mammals, and  
other megafauna. We will focus on the effects of meteorite collisions, ice  
ages, and mass extinction events.  
GEOL 1530 Principles of Oceanography  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course is a survey course dealing with the physical, geological, and  
ecological features of ocean basins and coastlines, as well as chemical  
composition of ocean water and oceanic circulation processes.  
GEOL 3220 Data Management for Geologists  
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.  
This course introduces students to quantitative geological data. Students  
will be expected to produce professional-looking tables and graphs, and  
learn how to properly present geological information clearly in written and  
oral form.  
Prerequisite(s): A minimum grade of "C" in GEOL 1011K or GEOL  
1121.  
GEOL 3520 Field Methods  
2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Instruction in the tools and techniques used in the collection of field data,  
compilation of geologic maps and cross sections. Students will construct  
topographic and geologic maps and write geologic reports and abstracts.  
The course will consist of three main areas: data sources, data collection,  
and post-processing. Two weekend field trips are required.  
Prerequisite(s): GEOL 1122 and MATH 1112 or MATH 1113.  
GEOL 3541 Mineralogy  
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.  
An introduction to morphological crystallography, physical properties and  
the optical characteristics of the common minerals. Examines the genesis,  
ocurrence, and uses of minerals. Laboratory work consists of study of  
common crystal forms, hand specimen identification and optical study via  
the petrographic microscope.  
Prerequisite(s): CHEM 1211K and a minimum grade of "C" in GEOL  
1121 and GEOL 1122.  
GEOL 3542 Petrology and Petrography  
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.  
An introduction to the origin, occurrence, and classification of common  
igneous and metamorphic rocks. Laboratory work consists of combined  
microscopic and megascopic study of rocks. A three day field trip across  
the southern Appalachians provides a field study component.  
Prerequisite(s): GEOL 3541 and GEOL 1122.  
GEOL 3741 Remote Sensing  
4 Credit Hours. 2 Lecture Hours. 4 Lab Hours.  
Introduction to the concepts, theory, collection, analysis and applications  
of remotely sensed spatial information.  
Prerequisite(s): Permission of instructor required.  
GEOL 3790 Teaching Internship in Geology  
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Student interns in Introduction to the Earth (GEOL 1121), General  
Historical Geology (GEOL 1122), or Environmental Geology (GEOL 1340)  
will participate in teaching the course under the mentorship of  
a faculty member. Student interns will attend an introductory workshop  
immediately prior to the start of the semester, will intern in one of the  
above courses, and meet with the faculty mentor one hour each week.  
One credit hour is awarded per laboratory section in which the student  
technicians.  
Prerequisite(s): A minimum grade of "B" in GEOL 1121 or GEOL  
1122 or GEOL 1340.  
GEOL 4120 Introduction to Research  
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.  
The process of research will be studied from the scientific method through  
the process of writing a scientific proposal. Construction of a technical  
paper and the technical oral presentation will be examined and practiced.  
Usages of geologic terms will be explained and learned. A proposal for a  
research paper will be selected or assigned, a proposal written and an oral  
presentation of the proposal research will be made. A minimum grade of  
"B" is required to continue in the research sequence.  
Prerequisite(s): Permission of instructor required.
GEOL 4530 Tectonics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Processes, structures, and land forms associated with the deformation of the earth's crust are studied including the changes that take place on structures and landforms over time. Scales ranging from local, to regional, to global are incorporated.
Prerequisite(s): GEOL 1121 or GEOL 1011K.

GEOL 4610 Senior Seminar
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
The process of scientific communication will be investigated and practiced. A final paper on the student's senior research topic will be written and an oral presentation made in a formal "Technical Session" format. The student will learn to prepare visual aids to illustrate his/her paper and talk. The "Technical Session" will be organized and run by students.
Prerequisite(s): GEOL 4830.

GEOL 4790 Internship in Geology
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The internship allows students to work in a professional setting related to their chosen concentration in the field. Undergraduate students can earn between one and six credits for internships approved by their academic advisor and the Department's Internship Director. Students must maintain contact with the Internship Director through the course of the internship work, and must submit a written report and a work product at the end of the project. Internship credits can be used for elective credit only and may not substitute for specific degree requirements.
Prerequisite(s): Permission of Geology and Geography Internship Director is required.

GEOL 4830 Senior Thesis Research I
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Students will complete a literature review and evaluation and conduct independent research as outlined in their research proposal formulated during Introduction to Research (GEOL 4120). Research is conducted under the direction of a faculty advisor and will lead to the completion of the senior thesis.
Prerequisite(s): A minimum grade of "B" in GEOL 4120 and minimum GPA of 3.0.

GEOL 4831 Senior Thesis Research II
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The process of scientific communication will be investigated and practiced through completion of a senior thesis project. This project includes both a written thesis and research presentation. Students will format a thesis manuscript suitable for publication in a professional journal, and design and deliver an oral presentation suitable for a professional conference.
Prerequisite(s): A minimum grade of "B" in GEOL 4830.

GEOL 5090 Selected Topics
1-9 Credit Hours. 0-9 Lecture Hours. 0-9 Lab Hours.
This course provides a means by which new courses can be offered for experimental purposes.
Prerequisite(s): Permission of instructor required.
Cross Listing(s): GEOL 5090G.

GEOL 5130 Geochemistry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers the theory and applications of stable and radiogenic isotope geochemistry as applied to low-temperature geological processes.
Prerequisite(s): CHEM 1212K and a minimum grade of "C" in GEOL 1121 and GEOL 1122.
Cross Listing(s): GEOL 5130G.

GEOL 5131 Economic Mineralogy
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
An introduction to the origins of industrial and metallic mineral resources, and the exploration, discovery and use of such resources. Laboratory work includes identification and evaluation of mineral resources and visits to mines.
Prerequisite(s): GEOL 3541.
Cross Listing(s): GEOL 5131G.

GEOL 5132 Regional Field Geology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A field expedition involving geological investigation of a major geologic region of North America. Students will be expected to make geological observations through such techniques as mapping, measuring sections, collecting scientific samples, or other standard techniques, then to analyze and interpret their observations or measurements. A scientific journal or notebook will be used by each student to record data and observations. A final report will be required. Students usually will bear tuition, travel, and living expenses in the field.
Prerequisite(s): GEOL 1011K or GEOL 1121.
Cross Listing(s): GEOL 5132G.

GEOL 5140 Vertebrate Paleontology
4 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
A study of the morphology, classification and geologic significance of vertebrate fossils. Prior completion of GEOL 5142 strongly recommended.
Prerequisite(s): GEOL 1122 or permission of instructor.
Cross Listing(s): GEOL 5140G.

GEOL 5141 Paleontology
4 Credit Hours. 0-4 Lecture Hours. 3 Lab Hours.
This course provides an overview of the major principles, applications, and methods of paleontology. Topics covered in the course include, but are not limited to: the formation of fossils, fossil identification and classification, evolution and extinction, biostratigraphy, biogeography, paleoecology, and functional morphology. Labs utilize a diverse collection of invertebrate fossils and paleontology software.
Prerequisite(s): GEOL 1122.
Cross Listing(s): GEOL 5141G.

GEOL 5142 Stratigraphy and Sedimentation
4 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
Introduction to the principles and application of stratigraphy and biostratigraphy, and principles of sedimentation. Emphasis is placed on concepts of time, time-rock, rock units, sedimentary facies, guide fossils and fossil range and description of rocks in time and space, their correlation and interpretation. Petrologic interpretation and basic laboratory techniques are also demonstrated. The origin and distribution of sedimentary rocks is examined from initial weathering through erosion and transportation, to environments and mechanisms of deposition.
Prerequisite(s): GEOL 3541.
Cross Listing(s): GEOL 5142G.

GEOL 5230 Earth Science
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
A systematic study of the earth as a planet, including aspects of its atmosphere, oceans, lithosphere, soils and physiography. The laboratory will emphasize the location and utilization of local, as well as regional materials for earth science teaching and learning. This course cannot be used for upper-level course credit in the Geology BA, Geology BS, or Geology Minor programs.
Prerequisite(s): Permission of instructor required.
Cross Listing(s): GEOL 5230G.

GEOL 5231 General Oceanography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an integrated approach to the study of oceans with special emphasis on geology, chemistry, and biology of ocean basins. Studies will include the ecological, physical, and geological features of ocean basins, as well as chemical composition of ocean water and oceanic circulation processes. This course cannot be used for upper-level course credit in the Geology BA, Geology BS, or Geology Minor programs.
Prerequisite(s): GEOL 1121 or GEOL 5230.
Cross Listing(s): GEOL 5231G.
GEOL 5340  Barrier Island Environmental Geology  
4 Credit Hours.  2 Lecture Hours.  6 Lab Hours.
This course is an on site, direct observation study of the physical processes that create barrier islands and drive their geologic and environmental evolution. The course will cover principles of coastal geology and barrier island hydrogeology. Students will observe and document the diverse environments of a Georgia barrier island and the effects of coastal erosion and sea level rise on island environments and wildlife habitat. Students will also explore the anthropogenic impacts to these environments and resources, practice field science observation and documentation skills, and develop research and presentation skills through team research projects during an eight to ten day residence on St. Catherines Island.  
Prerequisite(s): Permission of Instructor.  
Cross Listing(s): GEOL 5340G.

GEOL 5431  Coastal Geology  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Coastal Geology will comprise an introduction to a variety of coastal environments and landforms as well as the physical and geological processes that shape them. Coastal hazards and issues related to the ecology and management of the coast will also be discussed. The course will include two required weekend fieldtrips to coastal areas in the southeastern United States. Prior completion of GEOL 5142 strongly recommended.  
Prerequisite(s): GEOL 1122 or permission of instructor.  
Cross Listing(s): GEOL 5431G.

GEOL 5440  Structural Geology  
4 Credit Hours.  0.4 Lecture Hours.  0 Lab Hours.  
A study of geologic structures resulting from rock formation and deformation. Attention will be given to recognition and solution of structural problems.  
Prerequisite(s): GEOL 3542 and MATH 1112 or MATH 1113.  
Cross Listing(s): GEOL 5440G.

GEOL 5530  Geomorphology  
3 Credit Hours.  0.2 Lecture Hours.  0.3 Lab Hours.  
A systematic study of landforms and the processes which create and modify them.  
Prerequisite(s): GEOL 1122 or GEOG 1111.  
Cross Listing(s): GEOL 5530G.

GEOL 5540  Hydrogeology  
4 Credit Hours.  3 Lecture Hours.  2 Lab Hours.  
A survey of hydrogeology that includes the occurrence, distribution, movement and chemistry of subsurface waters. Emphasizes subsurface hydrology (hydrogeology), but will also include related aspects of surface systems. Major topics covered will include: 1) relationships between precipitation, runoff, and infiltration; 2) porosity and permeability of various earth materials; 3) subsurface movement of water through earth materials; 4) basic chemical characteristics of natural waters; and 5) current water resource issues such as supply, quality, contamination, and remediation.  
Prerequisite(s): GEOL 3542.  
Cross Listing(s): GEOL 5541G.

GEOL 5541G  Advanced Hydrogeology  
4 Credit Hours.  3 Lecture Hours.  2 Lab Hours.  
In-depth study of hydrogeologic and geochemical principles with emphasis on quantitative techniques. Various laboratory and field techniques will be covered, including the use of numerical models and aquifer testing.  
Prerequisite(s): GEOL 5541.  
Cross Listing(s): GEOL 5542G.

GEOL 5740  Sea Turtle Natural History  
4 Credit Hours.  2 Lecture Hours.  6 Lab Hours.  
A field-based course in which students work as sea turtle conservationists by monitoring beaches and documenting and recording nesting activity during an 8 to 10 day residence on St. Catherines Island, Georgia. Students will prepare for field work with two days of lectures on the GSU campus as well as a training session on GA DNR nest monitoring protocols, prior to field work on St. Catherines Island. Students will keep a daily field journal and prepare a paper on loggerhead sea turtles, documenting nesting behavior, nesting habitat, hatching emergences and threats to hatchlings and adults using images acquired during their daily monitoring activity.  
Prerequisite(s): Permission of instructor.  
Cross Listing(s): GEOL 5740G.

GEOL 5890  Directed Study  
1-4 Credit Hours.  0-3 Lecture Hours.  0-3 Lab Hours.  
Well prepared geology majors may be permitted to carry on independent study upon the recommendation of one of the geology/geography faculty.  
Prerequisite(s): Permission of instructor required.  
Cross Listing(s): GEOL 5890G.

GERO Gerontology  

GERO 5500  Survey of Gerontology  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Introduction to the emotional, physiological and social changes associated with the aging process and their effects on health.  
Cross Listing(s): GEERO 5500G.

GERO 5510  Healthy Aging  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Principles of holistic aging: spiritual, social, emotional, intellectual, occupational, physical, and motivational needs of the elderly.  
GERO 5520  Gerontology Practicum  
1-3 Credit Hours.  0-6 Lecture Hours.  0-12 Lab Hours.  
Practical experience tailored to the student's interest. Developed in collaboration with a faculty member and qualified site supervisor.  
Cross Listing(s): GEERO 5520G.

GRMN German  

GRMN 1001  Elementary German I  
3 Credit Hours.  3 Lecture Hours.  0 Lab 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.  
GRMN 1002  Elementary German II  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The second part of an introduction to the German language and the culture of the German-speaking world. Completion of the survey of basic German grammar and further development of the four language skills of listening, speaking, reading, and writing German. Aspects of everyday life in the German-speaking world will also be introduced.  
GRMN 1060  Accelerated Elementary German  
6 Credit Hours.  6 Lecture Hours.  0 Lab Hours.  
An accelerated introduction to listening, speaking, reading, and writing in German and to the culture of German-speaking regions. Completes the elementary levels of German in one semester.
GRMN 2001 Intermediate German I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Building upon communication skills (understanding, speaking, reading, and writing German) and cultural understanding, developed at the elementary level.
Prerequisite(s): A minimum grade of "C" in GRMN 1002.

GRMN 2002 Intermediate German II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continued focus on communication skills and cultural understanding.
Prerequisite(s): A minimum grade of "C" in GRMN 2001.

GRMN 2060 Accelerated Intermediate German
6 Credit Hours. 6 Lecture Hours. 0 Lab Hours.
Accelerated intermediate German with continued work on listening, speaking, reading, and writing in German and the culture of German-speaking regions. Completes the intermediate levels of German in one semester.
Prerequisite(s): A minimum grade of "C" in GRMN 1002 or GRMN 1060.

GRMN 3030 Selected Topics in German
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Study of topics in German literature, culture, society, thought, or language not included in the regular offerings. Continued development of all five language competencies (listening, speaking, reading, writing, and culture). May be repeated for credit provided a new topic is studied.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 3130 German Conversation and Phonetics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Vocabulary building and extensive practice of conversational skills in German through conversational settings. Contrastive analysis of the German and English sound systems and extensive oral practice.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 3132 German Grammar Review
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Intensive review with extensive practice of German grammar, including advanced aspects.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 3134 Writing in German
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Grammar review, basic instruction in stylistics, and extensive practice in writing both short compositions and longer items.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 3185 Studies Abroad: Speaking I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Studies Abroad: Speaking I.

GRMN 3231 Listening Skills in German
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Presentation and discussion of select songs, radio plays, films and similar texts and formats. Can be repeated for credit with different content.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 3330 German Language and Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of various aspects of the German-speaking countries, including geography, history, politics, business, and the arts.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 3385 Studies Abroad: Writing I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in written communications in German using materials that are appropriate for building on intermediate-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 3520 Study Abroad
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A term abroad of German study in conjunction with then university system of Georgia. Intensive instruction complemented by excursions.
Prerequisite(s): Completion of GRMN 1002.

GRMN 4030 Selected Topics in German
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of a topic in German literature, culture, society, thought or language not included in the regular offering. Continued development of all five language competencies (listening, speaking, reading, writing, and culture). May be repeated for credit provided a new topic is studied.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 4185 Studies Abroad: Speaking II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in oral communications in German using materials that are appropriate for building on advanced-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 4230 Readings in German Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Presentation and discussion of German texts from all periods. Can be repeated for credit with different content.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 4330 German Culture and Civilization
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Presentation and discussion of topics, issues, and events relevant to understanding the German-speaking countries. Can be repeated for credit with different content.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 4385 Studies Abroad: Writing II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in written communications in German using materials that are appropriate for building on advanced-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in GRMN 2002 or GRMN 2060.

GRMN 4890 Directed Study in German
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Independent study under faculty supervision.
Prerequisite(s): Department approval.

GSOU CIR Placeholder Course
GSOU 1000 CIR Placeholder Course
99 Credit Hours. 0-99 Lecture Hours. 0-99 Lab Hours.

GSU GSU
GSU 1000  Academic Improvement Coaching  
0 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
Required for students on Academic Intervention. Students will become familiar with academic policies of the university and work with a Success Coach to create and implement a semester plan for academic improvement. This course is a 0-credit hour class that is to be repeated as long as students have an institutional GPA less than 2.0.

GSU 1120  Strategies for Success  
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.  
For students on Academic Intervention. This course emphasizes the development and application of skills needed for success in college that includes interpreting, organizing, and synthesizing academic information in texts and lectures; setting and achieving academic goals; understanding the purposes of higher education and the roles of the student; and effectively using university resources.

GSU 1210  University Orientation  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
Designed to help first year students understand the purpose of a college education, learn about college resources and requirements, explore values and interests, learn to make decisions and realistic choices, explore career objectives and programs of study, and establish supportive relationships with faculty and staff. Required during the first semester for undergraduates new to the university (except transfer students with thirty or more hours); students may not withdraw.

GSU 1210A  University Orientation  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.

GSU 1210O  University Orientation  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.

GSU 1210R  U Orientation/Contin Students  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.

GSU 1210W  University Orientation  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.

GSU 1211  University Orientation II  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
Encompasses an examination of model leaders, principles of leadership, and leaders in action. Provides opportunities to examine and develop skills essential to leadership effectiveness. 
Prerequisite(s): GSU 1210.

GSU 1212  Teaching Internship In GSU 1210  
1-2 Credit Hours.  1-2 Lecture Hours.  0 Lab Hours.

GSU 1220  Uni Orient & Uni Orient II  
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.  
Combination of University Orientation I and II.

GSU 2131  Career Exploration  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is designed to provide the student with the opportunity for in-depth career exploration. Within a decision making model, the student will explore self and the world of work and how the two interact. From this framework, students will identify steps needed to gain professional experience and polish the skills required to be successful in their chosen career path.

GSU 2132  Professional Development Seminar  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Professional Development Seminar is a 3-credit-hour course designed for students interested in developing highly desired "essential skills". The seminar uses an Emotional Intelligence (EI) Framework to help students enhance professionalism and identify how emotions impact performance in the workplace. 
Prerequisites: Junior standing or higher.

GSU 2222  Preparing Students for University Service  
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.  
This course is open to students who have been through a selection process to obtain positions which require working effectively with peers and professional staff and are an integral part of the delivery of services by the Division of Student Affairs. The course teaches students paraprofessionals skills and knowledge to allow them to better serve other students, and introduces students to careers in higher education. The professional staff/instructor has the obligation to provide the essential theoretical and practical information necessary for students to effectively carry out their responsibilities. 
Prerequisite(s): Permission of instructor.

GSU 3030  Selected Topics  
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.

GSU 5090  Special Topics  
1-15 Credit Hours.  1-15 Lecture Hours.  0 Lab Hours.  
Cross Listing(s): GSU 5090G.

GWST Gender and Women's Stud

GWST 4000  Topics In Women's Studies  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Will be 
Cross Listing(s): selected upper-level courses in the university curriculum when content of those courses addresses issues related to Women's Studies. May be repeated for credit with different topics.

HIST History

HIST 1111  World History I: Development of World Civilization  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A survey of the major developments in world history from the beginnings of civilization to 1450, establishing the historical context for contemporary global society.

HIST 1112  World History II: Emergence of Modern Global Community  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Addresses the historical context of contemporary global society by tracing developments from the fifteenth century to the present.

HIST 2110  U.S. A Comprehensive Survey  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Surveys the United States from precocious times to the present with special attention to Georgia. Satisfies the Georgia History and U.S. History requirements.

HIST 2111  History of the United States to 1877  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A survey of U.S. History to the post-Civil War period. The course focuses on the geographical, intellectual, political, economic and cultural development of the American people, and places U.S. events in the context of world politics. (This course satisfies the State legislative requirement concerning United States history and Georgia history.)

HIST 2112  History of the United States since 1877  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A survey of United States history from Reconstruction to the present.
HIST 2500  Explorations in History
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course offers non-history majors the opportunity to explore a range of historical subjects including, but not limited to, the World Wars, the Middle East, the Holocaust, Slavery, The Vietnam War, The Middle Ages, and the American Civil War. Students will be exposed to a variety of historical interpretations and debates while developing increased historical consciousness and perspective on eras and events that have shaped the world in which they live. Whereas upper-division History courses are generally writing intensive and require the completion of a major research paper, HIST 2500 is offered in a lecture format and requires no major research project.

HIST 2630  Historical Methods
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An examination of the methodologies and techniques of historical research and writing. This course is required for history majors.

HIST 2950  Internship
1-3 Credit Hours.  1-3 Lecture Hours.  1-3 Lab Hours.
An individually designed course involving off-campus study and research or work in an appropriate public agency or private business. Assignments normally designed to require the full semester for completion. Joint supervision by the sponsoring organization and the academic instructor. Graded on Satisfactory/Unsatisfactory basis. Student must have at least nine hours of history courses with a history GPA of 2.5. Application and credit arrangements must be made through the department in advance, normally by mid-semester preceding the internship.

HIST 3020  The African Diaspora
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Historical overview of the spread of African peoples around the world and examination of diasporic issues in the modern era, such as the so-called African brain drain, historic diaspora tourism and development, as well as diasporic experiences of return.

HIST 3030  Selected Topics in History
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Topics vary with individual professor. Honors course is designated for Honor Students.

Cross Listing(s): LAST 3030.

HIST 3050  Ethics and Values in History
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Selected issues in ethics and values considered from a historical perspective. Topics may include ethics and values in western and/or non-western cultures, the relationship of the good of the citizen to that of the state, family relationships and values, environment and bio-ethics, world view and ethnocentrism.

HIST 3130  African American History to 1865
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
African American history from African beginnings to Reconstruction. This is a study of the thought and actions of people of African ancestry from their origins in precolonial Africa to the conclusion of the Civil War and its aftermath.

HIST 3131  African American History since 1865
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
African American history from Reconstruction to the present.

HIST 3132  Young Republic, 1788-1848
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey of U.S. history from the Ratification of the Constitution through the end of the war with Mexico. This course will cover major aspects of American politics, economy, and culture as the country expanded to the Pacific.

HIST 3133  United States Constitutional History
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey of United States Constitutional history from its origins to the present including an exploration of the adaptation of the federal system to changing social, economic, and political demands.

HIST 3134  American Economic History
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Growth and development of economic institutions and economic life in the United States from the colonial period to the present, including developments in agriculture, industry, business organization, labor, transportation, finance, consumerism, religion, and social transformation.

HIST 3135  US Foreign Relations to World War I
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Examines the history of U.S. foreign relations from independence to the aftermath of World War I.

HIST 3136  US Foreign Relations since World War I
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Examines the history of U.S. foreign relations from World War I to the Present.

HIST 3139  History of Religion in the U.S.
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey and analysis of the major religious patterns in the United States with special attention given to belief systems, institutional forms, social composition, and historical development.

Cross Listing(s): RELS 3139.

HIST 3150  The History of Vietnam, 236 B.C. to Present
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
In this course, students will be introduced to the history of Vietnam from its origins in 236 B.C. through the present. Included will be the impact of a thousand years of Chinese colonial rule until 1939 and then the country’s independent development and expansion versus its neighbors in Southeast Asia before the arrival of the French in the early 19th century. The course will then shift to Vietnam’s long struggle to regain its independence that only concluded in 1975. Students will develop advanced proficiency in history through readings and writing assignments as well as individual research projects.

HIST 3151  The American War in Vietnam
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course examines political, military, social, and cultural aspects of the American War in Vietnam from American and Vietnamese perspectives.

HIST 3158  War and Society: A Global Perspective
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course examines the relationship between warfare and societies from a global perspective.

HIST 3200  Traditional China
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
History of Chinese civilization from ancient times to the Qing Dynasty, with emphasis on its characteristic political, social, economic, and cultural developments.

HIST 3225  History of Ancient Near East
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Examination of the ancient Near East from prehistory to the rise of Islam. Topics may include ancient Israel, Sumer, Egypt, Assyria, Babylonia, Persia, Greece, Rome, and Byzantium.

HIST 3230  American Military History
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Studies military strategy, tactics, technology, and main features of American conflicts from colonial times to this century.

HIST 3231  Introduction to Public History
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An introduction to the basic historiographic and anthropological approaches used in public history and a survey of the different disciplines such as archaeology, architecture, folk life, decorative arts, museum studies, and preservation which comprise public history.
HIST 3233 The Early Church
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
How did Christianity turn from an illegal, persecuted cult into the official religion of the Roman empire? The course will focus on the first five hundred years of the Christian church: its development, doctrine, and especially its relationship with the ancient civilizations of the Mediterranean world (Greece, Rome, and the Near East).
Cross Listing(s): RELS 3233.

HIST 3234 The History of Islam in Southeast Asia
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
After a brief review of the founding, basic beliefs and practices of Islam, the students will be introduced to the history of Islam in Southeast Asia from its arrival through the present. Included will be how Islam "fit" into the region's existing religiosity as well as its political-economic life. The arrival of Europeans by the 1500s introduced an important new factor into the region which had religious as well as political-economic dimensions, resulting in local resistance and religious as well as secular nationalism. After World War II, with the emergence of new and largely democratic states, the relationship of the state and Islam became a more complex issue and continues to play a significant role in the national lives of the region. Students will develop advanced proficiency in history through readings and writing assignments as well as individual research projects and essay examinations.

HIST 3236 History of Latinos/as in the United States
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A political, social, and cultural survey of Latinos/as in the United States from the eighteenth century to the present day.

HIST 3250 The Muslim World to Tamerlane
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the rise of Islam in the seventh century and of the various Muslim societies that arose prior to the fifteenth century from the Iberian Peninsula to South Asia.
Cross Listing(s): INTS 3250 and RELS 3250.

HIST 3251 The Muslim World Since Genghis Khan
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the global reach of Islam since the thirteenth century. The focus is on how Muslim societies have dealt with the precipitous decline in their well-being since their pinnacle of influence in the seventeenth century.
Cross Listing(s): INTS 3251 and RELS 3251.

HIST 3320 History of Russian and Soviet Foreign Policy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of topics of Russian and Soviet foreign policy from the end of the tsarist period to the present. Analysis of the effect on the international system of the collapse of the Soviet Union and the place of Russia in the world today.

HIST 3330 History of Greece
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of ancient Greek history from the Minoan and Mycenaean civilizations to Alexander the Great.

HIST 3331 History of Rome
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of Roman history and society from the beginnings to the emperor Constantine.

HIST 3332 Late Antiquity
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the Mediterranean world from the later Roman Empire to the new civilizations of Europe, Byzantium, and Islam.

HIST 3333 The Middle Ages
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the development of European civilization and relations between Christendom and Islam from the decline of the Roman Empire to the Renaissance.

HIST 3334 Christian Europe 450-1750
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The major theme of this course is the development of various Christian traditions in Europe from the early middle ages to the Enlightenment. Topics include the spread of Christianity, formation of distinct Christian churches, and the many wars fought in the name of Christianity.
Cross Listing(s): RELS 3334.

HIST 3338 Contemporary Europe
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the European experience since the end of World War II. Emphasizes the political, economic, social, cultural, and intellectual change and continuity in the years 1945 to the present.
Cross Listing(s): INTS 3338.

HIST 3350 Maritime History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the relationship between humankind and the sea. Students will explore how maritime activities on both inland waterways and oceans, influenced ship design, exploration, navigation, trade, and cultural and biological diffusion. Chronology and geographic focus are dependent on the instructor's expertise.

HIST 3352 Israel/Palestine in its Middle Eastern Context
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of key events, cultural developments, and political affairs in the area of Israel/Palestine in relation to broader issues impacting the region.

HIST 3354 Maritime Archaeology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This class examines the methods, theories, and practices used to study archaeological evidence related to maritime sites including shipwrecks, wharf structures, and other elements of the maritime cultural landscape. Although the course focuses on introducing the student to maritime archaeological data collection methods it does so in a way that is useful to historians.

HIST 3361 Modern Britain: 1485 to the Present
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This comprehensive survey of the political, economic and cultural history of the British Isles and British Empire covers the period from the end of the Wars of the Roses in 1485 to the present era of devolved sovereignty in Scotland and Wales and the partial independence of Ireland.

HIST 3362 Modern Germany
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of modern German history, outlining the origins of Prussia, Bismarck's statecraft, the rise and fall of Hitler's Third Reich, and post-World War II Germany.

HIST 3364 Modern European Thought
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of significant figures and developments in modern European intellectual history from the eighteenth century Enlightenment to Post-Structuralism.

HIST 3365 The Scientific Revolution
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of scientific change from Copernicus to Newton.

HIST 3436 The Holocaust
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will examine the origins, implementation, and legacy of the Holocaust: the attempt of the Nazis to eliminate Europe's Jews and other ethnic groups labeled as undesirables by the National Socialist Movement in Germany.

HIST 3480 Europe in the 19th Century
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The social, political, and intellectual directions of European history from the Congress of Vienna to the end of the 19th century.
Prerequisite(s): A minimum grade of "C" in HIST 1111 or HIST 1112.
HIST 3490  Europe in the 20th Century
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Major developments in Europe since 1900.
Prerequisite(s): A minimum grade of “C” in HIST 1111 or HIST 1112.

HIST 3530  History of Africa to 1800
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Traces the development of significant social, economic and political institutions within precolonial Africa.

HIST 3531  History of Africa since 1800
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Traces significant developments in precolonial, colonial and post-colonial African history. These include trade and the origins of the colonial state as well as African encounters with colonialism.

HIST 3532  The Modern Middle East
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the major developments in the Middle East since World War I.
Cross Listing(s): INTS 3532.

HIST 3533  Modern East Central Europe
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of East Central Europe which will stress the political, social, economic, military and cultural development of the 19th and 20th century Poland, Hungary, and Czech Republic as well as the Balkan nations.
Cross Listing(s): INTS 3533.

HIST 3534  Modern Southeast Asia
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Common themes of the region from 1600, including the impact of the West, the nationalist response, and the post-WW II rise of a modern community of nations.
Cross Listing(s): INTS 3534.

HIST 3536  Russia to 1917
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the history of Russia from its Kievan origins to the Revolution of 1917.

HIST 3537  Colonial Latin America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of Latin America from the pre-Columbian era to its struggles for independence in the 1800s. The class examines indigenous cultures before European conquest, the effects of colonization, and the development of Spanish and Portuguese empires, with special focus on colonial institutions, cultures, and socioeconomic developments.
Cross Listing(s): INTS 3537 and LAST 3537.

HIST 3538  Latin America since Independence
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of Latin America from independence in the 1800s to the present. The class examines the challenges of nation building; twentieth-century political, socioeconomic, and cultural developments; and key contemporary phenomena.
Cross Listing(s): INTS 3538, LAST 3538.

HIST 3580  Environmental History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A historical study of the interactions between people and their environments. Course may focus on local environments, the Southeast, the entire United States, or survey the environmental history of the world. May be repeated once as topics vary.

HIST 3630  History Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this course, History majors in the Honors program will select a historical topic, begin researching it, choose a faculty mentor, and write a thesis prospectus that includes a review of the historiographical literature and an annotated bibliography.
Prerequisite(s): A minimum grade of “B” in HIST 2630.

HIST 3700  American Material Culture
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the methods of material culture analysis and key groups of American artifacts. Topics covered may include furnishings, fashion, cemeteries, industrial design, and consumerism.

HIST 3720  Historical Archaeology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of archaeological artifacts, methods, and theories, emphasizing the use of archaeological evidence consistent with the disciplinary standards of history. Chronological and regional focus varies with instructor’s area of expertise.
Cross Listing(s): ANTH 3136.

HIST 3740  Women & Gender in Amer Hist
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of the history of American women and of historical ideas about gender in America from the colonial times to the present.

HIST 3760  US History 1877-1917
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Presentation of the major subjects of the late 19th century, and early 20th centuries, including the emergence of a national economy, its theory and policies; partisan and reform politics; American society and social thought; and territorial aggrandizement.

HIST 3770  US History 1917-1945
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Analysis of the institutions and forces that molded life in the United States from 1917 to 1945.

HIST 3820  Intro to Archaeology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of archaeology using cross-cultural examples. Focus on history, basic techniques, concepts, theories, and types of research.

HIST 3920  Modern Amer Popular Culture
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines American popular culture since the late nineteenth century, considering a variety of media and forms of cultural expression, including vaudeville, cinema, television, and music (including jazz, rock ‘n’ roll, and hip-hop), as well as advertising and consumerism.

HIST 3990  Fieldwork in History
1-3 Credit Hours. 5 Lecture Hours. 0 Lab Hours.
Field trip or field work based course, abroad or in the United States. Researching, reading, and written assignments will vary. Can be project-based, can require students to lift up to 50 pounds. Course may be repeated once as topics vary, but no more than five hours can be counted toward the major in History.
Prerequisite(s): Permission of instructor or department.

HIST 3992  Internship
1-3 Credit Hours. 0-3 Lecture Hours. 0-9 Lab Hours.
An individually designed course involving off-campus study and research or work in an appropriate public agency or private business. Assignments normally designed to require the full semester for completion. Joint supervision by the sponsoring organization and the academic instructor. Graded on a satisfactory/unsatisfactory (S/U) basis. Student must have at least nine hours of history courses with a history grade point average of 3.0. Only three hours of internship (either HIST 3991 or HIST 3992) may be counted for the major. Application and credit arrangements must be made through the department by mid-semester preceding the internship.

HIST 4030  Directed Study in History
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Independent study with topics varying by professor.

HIST 4110  Medieval Spain
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the political, social and economic development of the Iberian peninsula from Late Antiquity to the fall of Granada in 1492. The course pays special attention to the interaction of Muslim, Christian and Jewish communities over the course of these centuries.
HIST 4120 American Intellectual History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the major American thinkers and ideas that have influenced the nation's history from the founding era to the present, with an emphasis on political thought.

HIST 4130 Georgia History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores important political, social, cultural, and economic developments that have shaped modern Georgia. Satisfies the Georgia Constitution and Georgia History requirements.

HIST 4131 Biography and History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Analysis of biography as a genre in historical writing and scholarship using life stories of representative individuals in history.

HIST 4132 Recent America: U.S. Since 1945
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Surveys the history of the United States from World War II to the present, including social, political, and economic developments.

HIST 4133 US Foreign Relations: The Cold War
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the history of U.S. foreign relations from the aftermath of World War II to the collapse of the Soviet Union.

Cross Listing(s): INTS 4133.

HIST 4134 The Civil Rights Movement
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course explores the origins, ideologies, strategies and legacy of the modern civil rights movement in the North and the South with special focus on the impact of race, class and gender on civil rights from 1946-1968.

Cross Listing(s): AAST 4134.

HIST 4135 The United States in the 1960s
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the cultural, social and political changes in the United States during the 1960s. Topics include the Civil Rights movement, the Vietnam War, the rise of feminism, the counterculture, and the conservative backlash.

HIST 4230 The Renaissance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the artistic, cultural, intellectual, political, economic and social aspects of life in Europe (with a special focus on Italy) from the fourteenth through the seventeenth centuries, paying particular attention to the revival of antiquity and its impact on intellectual and artistic trends.

HIST 4235 Tudor and Stuart Britain
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Covers the Tudor and Stuart monarchies from 1485-1714, investigating how monarchs reformed religion, patronized major artists, made constitutional changes, and created an economic and political empire spanning the globe. The course concludes with the end of the Stuart Dynasty, and with it, the end of native English, Welsh, and Scottish monarchs.

HIST 4335 Women and Gender in Europe
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An Intellectual History course focusing on the debate over women's nature, women's roles, and the notion of "woman". Although the "woman question" has a history spanning the entire modern period, this course will examine the period 1848-1950 when many of the classic texts appeared.
Cross Listing(s): WGST 4335.

HIST 4336 Science and Religion
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the interactions between science and religion from ancient times to the present.
Cross Listing(s): RELS 4336.

HIST 4431 Invasion of the Americas
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the encounters among diverse peoples, and the social, economic, and power relations that developed from these contacts. There are three primary aims of this course: 1. To introduce you to the concepts, assumptions, and methods of the historical discipline. 2. To bridge the histories of Europe and America. 3. To examine the exploration, exploitation, and colonization of North America from the perspectives of both early modern Europeans and Native Americans. We will be employing the hybrid discipline of ethnohistory to examine the Westward enterprises of the Spanish, French, Dutch, and English, their impact upon the native cultures, as well as the impact of the native cultures upon them, and their success in transplanting European culture to the New World.

HIST 4432 Colonial America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on early American history from the pre-contact to the period just prior to the Revolution. It examines the growing prosperity of the colonial American colonies, the increasing diversity of their populations, and the tensions and crises that resulted from both of these developments. Topics will include the rise of slavery, the birth of consumer society, and the contest among European nations and their Indian allies over the future of North America.

HIST 4530 Revelation and Revolution
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores issues of gender, spirituality, and power within the context of African history.
Cross Listing(s): AAST 4530 and WGST 4530.

HIST 4531 World War I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the origins, diplomacy, critical turning points, and conclusion of World War I with attention to its cultural and social experiences and meanings for both soldiers and civilians.

HIST 4532 Destruction of Slavery
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on the end of plantation slavery in the nineteenth century Atlantic World. The geographic concentration and topics covered will vary according to the focus of the instructor.
Cross Listing(s): AAST 4532.

HIST 4533 The History of Flight
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the development of aeronautics from the earliest ideas through the space age.

HIST 4635 Senior Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A senior seminar in which students will engage in extensive research in historical sources and literature relating to a specific problem or topic. Emphasis will be on the individual preparation of research papers. Topics will vary with professor.
Prerequisite(s): A minimum grade of "C" in HIST 2630.

HIST 4790 Internship in History
1-9 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Designed to give History majors applied history experiences in museums, historical societies, historical sites, or other venues approved by the History Department chair. May be taken only by History majors.

HIST 4812 Ind Study in Non-Western Hist
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Available only by special arrangement with the department, made in advance. Ask in the History Department for specific information.

HIST 4832 Ind Study in European History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Available only by special arrangement with the department, made in advance. Ask in the History Department for specific information.
HIST 4652 Ind Study in American History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Available only by special arrangement with the department, made in advance. Ask in the History Department for specific information.

HIST 4672 Ind Study in Public History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Available only by special arrangement with the department, made in advance. Ask in the History Department for specific information.

HIST 5030 Selected Topics in History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Topics will vary with individual professor.
Cross Listing(s): HIST 5030G.

HIST 5130 American Indian History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the history of American Indians from pre-contact to the present, supplemented by case studies from a number of regions.
Cross Listing(s): HIST 5130G.

HIST 5133 Revolutionary America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An intensive study of themes in Revolutionary American history (from 1763 to approximately 1790), including the growing rift between Britain and its colonies, the roles of women and African-Americans, and the origins of American identity.
Cross Listing(s): HIST 5133G.

HIST 5134 Civil War and Reconstruction
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the sectional polarization of the 1850's, the impact of war on the southern and northern home fronts, and the trauma of reconstructing the Union.
Cross Listing(s): HIST 5134G.

HIST 5137 The Antebellum South
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the social, intellectual, cultural, economic, and political history of the American South to 1861.
Cross Listing(s): HIST 5137G.

HIST 5138 The New South
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The social, intellectual, cultural, economic, and political history of the post-Civil War South with an emphasis on Georgia's role.
Cross Listing(s): HIST 5138G.

HIST 5210 Advanced Topics in Public History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this course, students will develop advanced proficiency in the professional practice of Public History through readings and experiential learning that will prepare them to present historical knowledge to a public audience. Graduate students will be required to complete additional assignments beyond the scope of the undergraduate requirements that demonstrate a level of mastery of the subject matter appropriate to graduate level work, as determined by the instructor. Topics vary. May be repeated for credit.
Cross Listing(s): HIST 5210G.

HIST 5230 Advertising and Culture
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Surveys the business and practice of selling consumer goods in the United States from the nineteenth century to the present with analysis of how advertising became an economic and cultural force, and a cornerstone of the consumer culture. Topics include the development of mass marketing, product brands, persuasive advertising, mail-order catalogs, department stores, as well as the relationship of consumerism to gender, ethnicity, race, social class, religion, and youth.
Cross Listing(s): HIST 5230G.

HIST 5232 Working Class History in the United States
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the social, cultural and political history of the working class in the United States since industrialization.
Cross Listing(s): HIST 5232G.

HIST 5233 The American City
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of American urban development from the colonial period to the present with particular attention paid to migration, architecture, technology, politics, transportation, and urban culture in the late nineteenth and twentieth centuries.
Cross Listing(s): HIST 5233G, AAST 5233, AAST 5233G.

HIST 5234 Piracy in the Americas, 1500-1750
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the history of piracy in the Americas during the Golden Age of Piracy, a period that ranges from European contact to the mid-1700s. It is an age marked by exploration, colonization, overseas trade, endemic religious conflicts, expansive empires, and refractory fiefdoms. Spain and Portugal began the exploration, overseas trade and conquest of this period, but their successes quickly led their northern neighbors, particularly the French, English, and Dutch, to cast their covetous eyes upon slow-moving, inbound treasure fleets of their southern neighbors; creating an elaborate game between predators and prey. The interactions that developed between predators and prey will be the primary subject of this course.
Cross Listing(s): HIST 5234G.

HIST 5236 Age of Revolutions in Europe and the Atlantic World
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers the great age of revolutions spanning c. 1650-1848 during which numerous political, intellectual, cultural, religious, and economic changes occurred which transformed European and the Atlantic World at the inception of the modern world. This course examines such revolutionary transformations, and/or what is meant by the historical concept of revolution, itself, by focusing on specific topics and themes. Topics may include absolutism, the Enlightenment, the Atlantic Revolutions (American, French, Haitian, Latin American), the Revolutions of 1848, and/or the extension of human rights through revolutionary debates over race, slavery, and gender.
Cross Listing(s): HIST 5236G.

HIST 5240 Topics in Women and Gender in America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected topics in the history of women and gender in America. May be repeated once as topics vary.
Cross Listing(s): HIST 5240G, WGST 5240, WGST 5240G.

HIST 5241 Topics in Latin American History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Detailed analysis of a specific problem, theme, or topic in Latin American history. May be repeated once as topics vary.
Cross Listing(s): HIST 5241G.

HIST 5242 Topics in African History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Topics in the history of Africa, including political, economic, social, religious, and/or cultural trends as defined by the instructor. May be repeated once as topics vary.
Cross Listing(s): HIST 5242G.

HIST 5243 Topics in Asian History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Detailed analysis of a specific problem, theme, or topic in Asian history. May be repeated once as topics vary.
Cross Listing(s): HIST 5243G.
HIST 5244 Topics in Middle Eastern and Mediterranean History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Detailed analysis of a specific problem, theme, or topic in Middle Eastern and Mediterranean history. May be repeated once as topics vary.
Cross Listing(s): HIST 5244G.

HIST 5245 Topics in Medieval History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected topics in European history c. 325-1500. May be repeated once as topics vary.
Cross Listing(s): HIST 5245G.

HIST 5246 Topics in European History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected topics in European history. May be repeated once as topics vary.
Cross Listing(s): HIST 5246G.

HIST 5247 Topics in European Intellectual and Cultural History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of particular topics in European intellectual and cultural history, emphasizing primary sources and varied historical interpretations. May be repeated once as topics vary.
Cross Listing(s): HIST 5247G.

HIST 5248 Topics in Law and History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Detailed study or analysis of a particular theme, topic, and/or region in legal history. May be repeated once as topics vary.
Cross Listing(s): HIST 5248G.

HIST 5249 Topics in American Thought and Culture
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected topics in the history of American thought, values, and culture. May be repeated once as topics vary.
Cross Listing(s): HIST 5249G.

HIST 5251 Museum Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an introduction to the history and development of museums and the professionalization of the field. It covers the structure and nature of curatorial, education, and administrative work in museums and theoretical and practical issues facing museums today. The course will provide an overview of current method and theory in material culture studies. Students will visit and evaluate museums and virtual exhibits and study major exhibits, controversies, and debates about the politics of historical memory and exhibition. Readings and discussions will provide a basis for a hands-on section of the course where student teams will create small case exhibits that transmit and display historical knowledge.
Cross Listing(s): HIST 5251G.

HIST 5252 Folklore
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The study of the creation and persistence of tradition in societies and of the process of change as demonstrated in such aspects as narrative, music, song, celebration, festival, belief, and material culture. Emphasis on understanding the multi-ethnic nature of the traditions in American life. May be repeated once as topics vary.
Cross Listing(s): HIST 5252G.

HIST 5253 Archival Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the archivist as a professional and the role of archives in society. Survey of the documentary materials and of the principles and practices involved in their acquisition, cataloging, care, and retrieval in public and private facilities also included. May be repeated once as topics vary.
Prerequisite(s): HIST 2630.
Cross Listing(s): HIST 5253G.

HIST 5254 Oral History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The study of how to prepare and conduct oral history interviews; how to transcribe, log, and index oral history recordings; and how to use oral history collections in writing research papers.
Prerequisite(s): HIST 2630.
Cross Listing(s): HIST 5254G.

HIST 5255 Topics in Architectural History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected topics in architectural history, including various styles of architecture (Georgian, federal, neoclassical, eclectic, and modern), and vernacular architecture. Recording techniques, research strategies, theoretical approaches, landscape architecture, field trips, and visiting lecturers. May be repeated once as topics vary.
Cross Listing(s): HIST 5255G.

HIST 5256 Historic Preservation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of the field including values, principles, development of planning and organization for preservation; preservation law, economics, and politics. May be repeated once as topics vary.
Prerequisite(s): HIST 2630.
Cross Listing(s): HIST 5256G.

HIST 5257 Heritage Tourism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
History of tourism, with emphasis on heritage and tourism, and of the function and impact of tourism on guest and host societies. Aspects of the modern tourist industry and its products, such as promotional and travel literature, accommodations and transport, and tourist arts also investigated. May be repeated once as topics vary.
Prerequisite(s): HIST 2630.
Cross Listing(s): HIST 5257G.

HIST 5258 Topics in African American History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Topics in the history of African-American people emphasizing their cultural, social, economic, political, national and/or regional experiences. May be repeated once as topics vary.
Cross Listing(s): HIST 5258G.

HIST 5259 Topics in British History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected topics in the history of Great Britain and Ireland. May be repeated once as topics vary.
Cross Listing(s): HIST 5259G.

HIST 5260 History in the Digital Age
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will explore the ways digital technologies can be applied to the historian’s craft. Topics include working with new media, online historical research methods, publications, public outreach, and education. Students will examine both theoretical issues and basic skills.
Cross Listing(s): HIST 5260G.

HIST 5332 The Age of Reformations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on the breakup of western European Christian unity in the sixteenth and seventeenth centuries, with a particular focus on the Continental (Lutheran, Calvinist, and Radical) denominations and the social, political, and economic consequences for all Europeans.
Cross Listing(s): HIST 5332G, RELS 5332, RELS 5332G.

HIST 5335 World War II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The Second World War from its origins to its consequences. The military campaigns are covered, but there is also emphasis on the personalities, the technology, the national policies, and the effect of the war on the home fronts.
Cross Listing(s): HIST 5335G.
HIST 5336 Revolutionary France
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The Revolutionary Era in France has inspired poets, politicians, social critics, and clergy all over the world, and its impact, causes, and significance have been debated for more than two centuries throughout the globe. That event was the French Revolution. This Revolution arguably set the tone for much of nineteenth- and twentieth-century European History, and inspired subsequent revolutionary events throughout much of the globe. Finally, the French Revolution was instrumental to the creation of the national consciousness of France as we know it today. This course is designed as a survey addressing major events, key players, causes, and consequences of the French Revolution. This course is additionally designed to familiarize students with the diverse ways in which historians have continued to debate and interpret the unfolding and significance of Revolutionary France.

Cross Listing(s): HIST 5336G.

HIST 5339 Britain and the World
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the diplomatic, economic, colonial, environmental or cultural relationships between the British Isles and the broader world since 1485.

Cross Listing(s): HIST 5339G.

HIST 5430 Modern France and French Society in Global Context
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course affords a topical overview of major events, themes, and issues concerning the History of Modern France and its place within major patterns of European and Global History. The cultural, political, gender, racial, and imperial dimensions of French History will be underscored. Topics include: origins and course rise and fall of the Old Regime French monarchy from Renaissance to Revolution, the French Revolution and revolutionary transformations in modern France, France and its Empire from c. 1870 to Decolonization, French society from Napoleon to the present, or France and the French Empire in the era of the World Wars (1914-1945).

Cross Listing(s): HIST 5430G.

HIST 5530 20th Century Russia
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the history of Russia in the 20th century.

Cross Listing(s): HIST 5530G.

HIST 5531 Modern Japan
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Japan through the Tokugawa period to its nineteenth century emergence from isolation and its growth as a world power, with emphasis on traditional culture, industrialization, and post-WW II society.

Cross Listing(s): HIST 5531G, INTS 5531, INTS 5531G.

HIST 5532 Modern China
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
History of China from the Qing dynasty to the early years of People's Republic, with emphasis on political, social, economic, and intellectual developments.

Cross Listing(s): HIST 5532G, INTS 5532, INTS 5532G.

HIST 5533 Economic Rivals: US-UK-Japan
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Contrasts the historical development of business and industrialization in the U.S., Great Britain, and Japan from preindustrial times to the present, emphasizing how culture, religion, economics, and politics have shaped business growth, practice, and international trade, creating rival capitalists.

Cross Listing(s): HIST 5533G, INTS 5533, INTS 5533G.

HIST 5534 Contemporary China
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
History of People's Republic of China from 1949 to the present, with emphasis on political, social, economic, and cultural transformations.

Cross Listing(s): HIST 5534G.

HITC Health Informatics

HITC 3000 Introduction to Health Informatics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introductory survey of the field of health informatics, including the origin and development of the discipline into a profession as well as current and future trends in practice. Student orientation to the terminology used in the field as well as some of its more common applications including data quality assessment, data standards, and the regulatory framework for data privacy and confidentiality (HIPAA) are presented.
Prerequisite(s): RESP 2110.

HITC 4100 Analysis of Healthcare Data
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of the methods that are commonly employed in the analysis of healthcare data commonly extracted from healthcare information systems such as electronic health records.
Prerequisite(s): A minimum grade of "C" in HSCC 2300 and completion of MATH 2200 or MATH 1401.

HITC 4700 Introduction to Project Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of knowledge areas and tools necessary for successful management and completion of HI-related projects. Starting from project pre-initiation and selection process, this course also stresses the life cycle of health care information technology (HIIT) projects and how to apply appropriate knowledge areas in various phrases of HIIT project's life cycle for integrated project management.
Prerequisite(s): A minimum grade of "C" in HITC 3000.

HITC 4750 Principles of Knowledge Management and Decision Support
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the principles of knowledge management and its application to health informatics. The course will address standard knowledge management lifecycle, including acquisition, organization, processing, sharing, and operationalization within the healthcare enterprise as well common approaches to clinical decision support, diffusion of innovation, data warehousing, and data mining.
Prerequisite(s): A minimum grade of "C" in HITC 3000.

HITC 4800 Special Topics in Health Informatics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to current and emerging topics of importance to the field of health informatics including, but not limited to, health information exchange, meaningful use of health data, electronic medical records and provider order entry systems, enterprise architecture and applications, data standards, interoperability, etc.
Prerequisite(s): A minimum grade of "C" in HITC 3000.

HITC 4900 Internship
1-6 Credit Hours. 0-18 Lecture Hours. 0-18 Lab Hours.
On-site experience under the direction of a site supervisor (an off-campus health informatics professional) and a faculty supervisor. A faculty supervisor will establish criteria for performance and evaluation prior to the semester the internship is undertaken. Students may use a maximum of 6 hours of internship credit to fulfill degree requirements.
Prerequisite(s): A minimum grade of "C" in HITC 3000 and permission of the instructor.

HLPR Health Professions

HLPR 1100 Intr Hlth Care/Med Terminology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to concepts necessary for effective, ethical performance in the health care delivery system. Terminology of medicine. Basic foundation course.
Prerequisite(s): MATH 1001 or MATH 1111.
HLPR 1200 Multidiscipl Skills/Hlth Prof
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Emphasis on basic patient care skills common to all health professions. Patient and health practitioner safety is emphasized in class and laboratory exercises.
Prerequisite(s): MATH 1001 or MATH 1111.
Corequisite(s): HLPT 1200L.

HLPR 1200L Multi Discipl Skls/Hlth Pro Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
Corequisite(s): HLPR 1200.

HLPR 2000 Intro Research in Health Prof
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Introduction to methods of scientific research in the health professions. Steps of the research process, critique of research reports, completion of literature review.
Prerequisite(s): ENGL 1102 and MATH 1111 or MATH 1001 or MATH 1113 or MATH 1161 or MATH 2072 and MATH 2200 or MATH 1401.

HLPR 2010 Cult Illns Diag & Trrmnt
2-3 Credit Hours. 2-3 Lecture Hours. 0 Lab Hours.
Examines health practices around the world. Investigates how difficult cultural, social and ethnic groups explain the causes of illnesses, the types of treatments they seek and services available for diagnosis. Involves several modules taught by different professors.
Prerequisite(s): ENGL 1101.

HLPR 2400 Principles of Pharmacology
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Principles of pharmacology to include routes of drug administration, absorption, distribution, tissue accumulation, metabolism, and excretion. Additional topics include pharamacodynamics, drug interactions, toxicology, and changes across the life span.
Prerequisite(s): A minimum grade of "C" in BIOL 2082.

HLPR 3200 Interprofessional Teams in Healthcare Organizations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to theory and skills related to interprofessional practice in healthcare organizations.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

HLTH Health

HLTH 1520 Healthful Living
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Introduces students to fundamental concepts associated with healthful living throughout the life span in modern society. Course content focuses upon the promotion of health and wellness within individuals, families and communities through an understanding of healthful living, development of healthy lifestyles and avoiding or overcoming harmful habits.

HLTH 2120 Safety Principles and First Aid Techniques
2 Credit Hours. 0.1 Lecture Hours. 0.3 Lab Hours.
Enables students to learn to function more effectively in personal, social and vocational roles by developing expertise that will enable them to reduce to a minimum the risk of accident involvement. Special emphasis is placed on the concepts of accident causation, counter measures and how to respond to a wide variety of injury and sudden illness emergencies. Students satisfying American Red Cross standards will receive certification in Community First Aid and Safety/Community CPR.

HLTH 2510 Medical Terminology
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Equips the student with the basic skills needed to read, understand and interpret medical terms common to health related issues and tasks.

HLTH 3133 Health Prom Prog Planning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides the student with the theory and practical applications of planning, developing, implementing and evaluating health promotion programs in a variety of settings. The focus will be on a global approach to planning with emphasis on the worksite, hospital and the community as settings for health promotion programming.

HLTH 3135 Topics in Coordinated School Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will review and synthesize content on selected topics in school health such as mental health, intention and unintentional injury, personal health, chronic and communicable disease, and environmental health.
Prerequisite(s): A minimum grade of "C" in HLTH 1520.

HLTH 3332 Coordinated School Health Programs
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed to study the basic principles and practices underlying the organization and administration of a coordinated school health program including the relationship to current child health status. Assessment and planning of developmentally appropriate health instruction, examination of health education curricula with content focus on the following health topics: nutrition, consumer health, environmental/communtiy health, disease prevention, sexuality and substance use education will also be addressed.
Prerequisite: A minimum grade of "C" in HLTH 1520; and junior standing and formal acceptance into the Teacher Education Program or consent of instructor.

HLTH 3431 Methods and Materials for School Health Education
3 Credit Hours. 0.2 Lecture Hours. 0.3 Lab Hours.
Introduces the student to productive, creative, innovative and effective methods needed to implement comprehensive school health education. Students will become familiar with organizing and presenting health content, health materials, health curricula, community resources and using technology for K-12 with emphasis on middle and secondary school students. An integral component of the class will be the participation in peer teaching experiences in the school setting.
Prerequisite(s): A minimum grade of "C" in HLTH 1520 and Sophomore status and above.

HLTH 3432 HPE Curriculum Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides the student with the knowledge, skills, and resources to develop a philosophical position and curricular materials consistent with that position and with state and national guidelines.
Prerequisite(s): Admission to Teacher Education Program in Health and Physical Education.

HLTH 3530 Health and Physical Education for the Early Childhood Teacher
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Develops the elementary classroom teacher’s ability to organize and implement a developmentally appropriate health and physical education program for students. Emphasis will be placed upon teaching strategies and methodologies.
Prerequisite(s): Admission to Teacher Education Program.

HNRM Hotel and Restaurant Mgt

HNRM 3090 Selected Topics in Hotel and Restaurant Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides students with the opportunity to study contemporary and international topics and issues relevant to the hotel and restaurant management profession.

HNRM 3331 Hospitality Industry Management I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the history of services management, the organizational forms and professional opportunities in the hospitality industry.
HNRM 3336 Hotel Operations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on four major lodging management components: service management, operations management, developing leadership potential and employee productivity.
Prerequisite(s): A minimum grade of "C" in all of the following HNRM 3331 and ACCT 2030 or ACCT 2101 and ACCT 2102.

HNRM 3337 Promoting the Hospitality Industry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course applies marketing concepts to the promotion of hotel and restaurant operations.
Prerequisite(s): A minimum grade of "C" in HNRM 3331.

HNRM 3338 Hospitality Industry Management II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course applies the principles of management and human resources to hotel and restaurant operations.
Prerequisite(s): HNRM 3331.

HNRM 4334 Food and Beverage Operations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Emphasis is placed on strategic planning, the budgetary process, productivity, purchasing and the use of technological advances affecting profitability and customer satisfaction in a food service facility.
Prerequisite(s): A minimum grade of "C" in HNRM 3331 and HNRM 3337.

HNRM 4335 Restaurant Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on various aspects of restaurant management including guest service, employee supervision, food procurement, reservations and inventory control.
Prerequisite(s): A minimum grade of "C" in HNRM 3331.

HNRM 4336 Hospitality Issues and Perspectives
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The study of organizations, strategic planning and implementation, leadership and decision processes in the hospitality industry.
Prerequisite(s): A minimum grade of "C" in HNRM 3331 and HNRM 3336.

HNRM 4730 Internship in Hospitality Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Supervised work-study program in a hotel, restaurant or resort. Students are expected to be employed in a full-time, semester-long position with a business that is approved by HNRM Internship Director.
Prerequisite(s): Junior standing and at least one upper division course in the major. Good academic standing (minimum cumulative GPA is 2.0).

HNRM 4899 Directed Individual Study
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor.

HONS University Honors

HONS 1131 Inquiry in the Social Sciences
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to inquiry into questions and problems in the social sciences.

HONS 1132 Inquiry in the Humanities
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to inquiry into questions and problems in the humanities.

HONS 1133 Inquiry in the Natural Sciences
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to inquiry into questions and problems in the natural sciences.

HONS 1134 Inquiry in Global Issues
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to inquiry into questions and problems in Global Issues.

HONS 3090 Honors Enrichment Seminar
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
An in-depth exploration of a special topic in an honors seminar setting.

HONS 4610 Honors Research Seminar
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
A seminar course designed to prepare honors students to complete the honors thesis or capstone project.

HONS 4999 Honors Research
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Independent research under the guidance of a faculty mentor for students in the University Honors Program. Students may register for 1-3 credit hours.

HSCA Health Sciences Adm

HSCA 3600 Financial Management for Health-Related Organizations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to concepts of organizational management in the health industry.

HSCA 4201 Health Care Marketing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of the essential aspects of marketing as they apply to various sectors of the health services industry.

HSCA 4600 Prin Of Human Resources Manage
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of the most common methods and application involving the management of human (non-capital) resources within health related organizations. Topics include employee recruitment, selection, training, evaluation, and retention, with an emphasis on the most common practices associated with each.

HSCA 4610 Health Care Economics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Microeconomic approach to the market for health services and macroeconomic applications to health policy formulation and evaluation.

HSCA 4620 Prin Of Man/Health Srvs Admin
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to organizational theory and behavior with specific applications to managers in health services organizations and systems.

HSCA 4630 Health Information Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of commonly utilized health information systems and technologies including electronic health records, computerized provider order entry/electronic prescribing systems, clinical decision support, telehealth and telemedicine, consumer informatics, and administrative support applications. Other topics of coverage include privacy and security of health information, legal/regulatory environment, and issues regarding procurement, implementation and evaluation of health information systems.

HSCA 4650 Long Term Care Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Issues particular to care of residents and management in a long term care setting. Synthesis of topics studied elsewhere including accreditation standards, and human resource issues.

HSCA 4655 Principles of Health Insurance and Reimbursement
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of theory and applications pertinent to health insurance offerings in the private and public sector and the primary methodologies employed by third parties to reimburse health care organizations for services rendered.
Prerequisite(s): A minimum grade of "C" in HSCC 2500.
HSCC 4660 Survey of Health Outcomes
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An overview of quality assurance methods and tools and how they apply in various health care settings, including current efforts to reduce medical errors and promote patient safety.

HSCA 4901 Health Sci Prac Long Term I
4 Credit Hours. 0-4 Lecture Hours. 0-4 Lab Hours.
Two semesters (6 hours) of on-site experience under tutelage of licensed nursing home administrator. Development of philosophy integrating clinical and administrative aspects of long term care.

HSCA 4902 Health Sci Prac Long Term II
4 Credit Hours. 0-4 Lecture Hours. 0-4 Lab Hours.
Two semesters (6 hours) of on-site experience under tutelage of licensed nursing home administrator. Development of philosophy integrating clinical and administrative aspects of long term care.

HSCC Health Sciences, Core

HSCC 2200 Health Communication
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces students to fundamental communication principles, focusing on developing the skills required to effectively present and convey professional and health-related information to diverse audiences. The course focuses on oral skills, written skills, organizational skills, and communication skills involving new technology and media.

HSCC 2300 Management of Health Information
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of commonly used computer applications in the health sciences, focusing on the effective use and communication of health care data and information.

HSCC 2500 Health Issues and Resources
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Formulation and facilitation of practical modes of collaboration and cooperation among health agencies, levels of program personnel, and provider organizations.

HSCC 3000 Special Topics in Health Science
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course offers students a seminar experience covering prominent and contemporary topics in the health sciences. Topics vary according to current trends and issues within the field.

HSCC 3100 Research Methods
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Conceptual frameworks, data sources, design, interpretation, and evaluation of research methods and current topics in health sciences research.
Prerequisite(s): ENGL 1102 and MATH 1401.

HSCC 3110 Legal Iss In Hlth Care Environ
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the law and legal processes as they relate to health professions and organizations. Includes an overview of the American legal system and a wide range of legal issues that apply to the health professions.

HSCC 3130 Health Policy Issues
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Overview of health policy-making process of health care. Issues pertinent to policy development, formation, implementation, evaluation and statutory and administrative law.

HSCC 3140 Epidemiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Distribution and determinants of health and disease in defined populations with applications to clinical, environmental, and infectious disease settings.

HSCC 3760 Environmental and Community Health Issues
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Historical, contemporary, and prospective environmental factors that impact public health status.

HSCF 2015 Introduction to Human Performance & Fitness Management
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Course provides basic overview of human performance and exercise science professions, including professional opportunities, activities, organizations, certifications, current issues, and legal concerns.

HSCF 3200 Exercise Physiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Acute and chronic physiological and biochemical responses of the human body to exercise.
Prerequisite(s): A minimum grade of "C" in BIOL 2081.

HSCF 3205 Advanced Exercise Physiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continuation of HSCF 3200. Further exploration into the acute and chronic physiological and biochemical responses of the human body to exercise. This course will also cover the integration of physiological system and their response and adaption to exercise.
Prerequisite(s): A minimum grade of "C" in HSCF 3200.

HSCF 3500 Applied Musculoskeletal Anatomy and Kinesiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Anatomical and kinesiological principles of the musculoskeletal system as related to human movement.

HSCF 3710 Worksite Wellness and Safety
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the multiple skills needed to design, implement and evaluate health promotion and wellness programs in various settings.

HSCF 4010 Evaluation and Prescription in Exercise & Sport
4 Credit Hours. 3 Lecture Hours. 1 Lab Hour.
Measurement of human performance and laboratory techniques in physical activity and sport.
Prerequisite(s): A minimum grade of "C" in HSCF 3005 and HSCF 3200.
HSCP 4020 Health and Fitness Entrepreneurship
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Strategies to research, organize, propose and develop business plans in worksite, hospital-based and privately-owned fitness centers.
Prerequisite(s): A minimum grade of "C" in ACCT 2101.

HSCP 4030 Health/Fitness Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Art and science managing health, wellness, and fitness centers.
Prerequisite(s): A minimum grade of "C" in ACCT 2101.

HSCP 4040 Personal Fitness Training
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The development of exercise training programs to meet needs of various populations. At the conclusion of the course, students will be prepared to take a nationally accredited personal trainer’s certification exam.
Prerequisite(s): A minimum grade of "C" in HSCP 3005 and HSCP 3200.

HSCG Health Sci Generalist

HSCG 2000 Independent Study in Health Sciences
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The course is designed to offer students an opportunity to matriculate under the guidance of selected faculty to explore and critically assess selected topics in the health sciences.

HSCG 4000 Independent Study In Health Science
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The course is designed to offer students an opportunity to matriculate under the guidance of selected faculty to explore and critically assess advanced topics in the health sciences.

HSCG 4130 Nutrition
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Basic concepts of nutrition as major component to the enhancement of health.

HSCG 4131 Introduction to International Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction of the application of public health and its relationship to other health disciplines in the field of international health.

HSCG 4132 Strategies for the Prevention of Chemical Dependency
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Educational strategies and techniques related to prevention of chemical dependency.

HSCG 4133 Women and Minority Health Issues
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The exploration of contemporary public health issues concerning women and minorities.

HSCG 4134 Health and Sexuality
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Investigation of human sexuality and its effects on health.

HSCP Health Sci Public Health

HSCP 2000 Ethical Theories/Moral Issues in Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Theories and issues in the ethics of public health, health care, and health promotion. Contemporary issues, such as health bioethics, DNA manipulation, contraception, and end-of-life decisions.

HSCP 2050 Introduction to the Disease Continuum
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A population-based overview of the disease continuum.

HSCP 3710 Worksite Wellness And Safety
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the multiple skills needed to design, implement and evaluate health promotion and wellness programs in various settings.

HSCP 3750 Population Health Sciences
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Major public health topics and their effects on modern society.

HSCP 4000 Indep Study In Health Science
1-3 Credit Hours. 0-3 Lecture Hours. 0-9 Lab Hours.
Independent student study in an area of interest in health.

HSCP 4010 Health and Human Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Lifestyle and socio-political factors related to optimum health per age and grouping emphasized.

HUMN Humanities

HUMN 2321 Humanities I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A historically-organized interdisciplinary approach to the fine and performing arts from antiquity to ca. 1600. Team taught large group lectures and small group discussions. Students are expected to enroll in both HUMN 2321 and HUMN 2322 to fulfill Area C requirement of the Core.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in ENGL 1101 or WRIT 1101.

HUMN 2322 Humanities II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A historically-organized interdisciplinary approach to the fine and performing arts from ca. 1600 to the present. Team taught large group lectures and small group discussions. Students are expected to enroll in both HUMN 2321 and HUMN 2322 to fulfill Area C requirement of the Core.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in ENGL 1101 or WRIT 1101.

HUMN 2433 Classicism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores classicism as both a philosophical approach and an aesthetic style in art, rhetoric, literature, architecture, and music.

HUMN 2434 Myth in Arts and Humanities
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores selected myths and their treatments in art, rhetoric, literature, theater, and music.

HUMN 3431 Digital Humanities
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides a hands-on overview of the rapidly-expanding world of digital applications of the humanities. Ranging from visualizing data in maps and diagrams to interactive experiences like games, the digital humanist is not only a researcher but also a designer who helps make things public and the humanities social. This class not only introduces principles and theoretical approaches, but also offers opportunities to learn techniques and begin to build a portfolio of work for the Digital Humanities Minor.

HUMN 3731 Digital Humanities Internship
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The Digital Humanities Internship is intended to offer the student a chance to individually or with a larger group create a portfolio-quality digital humanities project for an organization outside of the university, building skills for a career involving the digital humanities. In tandem with a faculty mentor, students will plan a project and then over the course of a semester develop content and a platform for its digital delivery in relation to the needs of the organization with which they are working. This class may be taught as a tutorial with a single professor as mentor or as a seminar with other students.
HUMN 4631 Capstone Project for Digital Humanities
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The capstone class is the final class in the Digital Humanities Minor and is intended to offer the student a chance to individually or with a larger group create a portfolio-quality digital humanities project. Students will plan a final project, research content and develop a platform for its digital delivery. At the end of the process, the project will go 'live' for both an academic audience and a larger public. This class may be taught as a tutorial with a single professor as mentor or as a seminar with other students.

IDS Interdisciplinary Studies

IDS 2000 Diaspora Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the shifting relations between homelands and host nations from the perspective of those who have moved, whether voluntarily or not. It examines the historical and/or contemporary movements of peoples and the complex issues of identity and experience to which these processes give rise, emphasizing the lived experience of migrant communities as they negotiate forms of existence that preceded and exceed national boundaries. It may be taught from various disciplinary, comparative, and interdisciplinary perspectives, drawing from the social sciences, history, the arts, and humanities. In it, students can expect to explore the relationship between place and belonging, how the experiences of migration and dislocation challenge the modern assumption that the nation-state should be the limit of identification, while examining questions of the coherence of cultural and political boundaries.

IDS 4111 Capstone in Interdisciplinary Studies
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
The capstone course in interdisciplinary studies provides students in the Bachelor of Interdisciplinary Studies program with a forum and with the tools needed to functionally blend the elements of the major, articulate the competencies they have developed and achieved, demonstrate the efficacy of their individualized degree program, and communicate that information to internal and external audiences.
Prerequisite(s): A minimum grade of "C" in ENGL 1102 and departmental approval.

INDS Interior Design

INDS 2327 Digital Communication
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
3-dimensional modeling and digital rendering techniques through the use of current industry standard software. Study and research of appropriate professional presentation methods.
Prerequisite(s): A minimum grade of C in all of the following: IND$ 2430 and concurrent enrollment in IND$ 2435.

INDS 2430 Design Appreciation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A general introduction to the principles and elements of design as they relate to the built environment. Overview of style as seen through interior furnishings and accessories. Discussion and analysis of design process, theory, and an overview of components and materials. Exploration of human factors, environmental considerations, and spatial relationships.

INDS 2433 Human Centered Design & Theoretical Frameworks
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to theoretical frameworks and concepts associated with human behavior, environmental design, and environmental psychology as it relates to the built environment. Critical discussions around social issues, evidence-based design and design thinking will be emphasized.

INDS 2435 Design Studio I
3 Credit Hours. 1 Lecture Hour. 0 Lab Hours.
An introduction to the basic concepts, skills, and graphics used to represent interior design applications. Design projects will include technical drafting of construction drawings and measured and freehand perspectives as well as the fundamental execution of presentation skills in sketching, mixed media renderings, detail drawings, and model building.
Prerequisite(s): ART 1010, ART 1020, IND$ 2430.

INDS 2436 Interior Materials and Systems
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
A study of the selection and application of materials and finishes in the design of the built environment. Introduction to building technology with an emphasis on developing an awareness of buildings and their systems. Research of resources and communication with various entities involved with the building/design process will be incorporated. Cost and quantity estimating as well as budgeting will be introduced.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in IND$ 2430.

INDS 2437 Interior Design CAD I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introductory computer-aided drafting and communication course. A basic overview of AutoCAD, file management, and the fundamental execution of drafting components. Introduction to the basic concepts of 3-D modeling.
Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in IND$ 2435 and either CISM 1120, CISM 1110, CISM 1130 or Permission of Instructor.

INDS 3238 Textiles for Interiors
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Investigates the production, specifications and regulations, and serviceability of textiles for residential and commercial interiors. Emphasis on soft floor coverings, upholstered furniture, window and wall coverings, and other current developments in the textile field.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in IND$ 2430.

INDS 3327 Computer-Aided Design I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Developing student's ability to use the computer as a drafting and modeling tool for interior design. Subjects addressed in this course will be working drawings, schedules, details, 3-D modeling, and renders.
Prerequisite(s): A minimum grade of "C" or better in IND$ 2327 and IND$ 2435.

INDS 3431 History of Interiors
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An integrated history of architectural styles, interiors, and their furnishings related to major global cultures as well as an emphasis on interior architecture, furniture styles, interior designers, industrial designers, architects, and accessories from the prehistoric period through of the contemporary movement.

INDS 3434 Lighting
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
The principles of lighting design and the impact on interior space are explored through an analysis of environmental constraints, calculations, economics, design theory, technical and aesthetical components.
Prerequisite(s): A minimum grade of "C" in IND$ 2435.

INDS 3435 Design Studio II
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
The design planning process as it applies to the moderate scale residential interior environment. Intermediate projects utilizing design philosophy and concept development, space planning and design development to include interior architectural details, finishes, and furniture, as well as clients of diverse populations. Area of emphasis is residential incorporating universal design, kitchen planning and aging in place components.
Prerequisite(s): A minimum grade of "C" in all of the following: IND$ 2435 and prior or concurrent enrollment in IND$ 2436, IND$ 2433, and IND$ 2327.
INDS 3436 Design Studio III
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
The design planning process as it applies to the medium scale interior space. Intermediate projects utilizing design philosophy and concept development, schematic design, and design development which include the application of furniture, finishes, and interior architectural components and details. Research and analysis of sustainable materials, environmental systems, building codes, and diverse populations. Studio collaboration and assessment of skills through peer and external evaluation. Areas of emphasis may include hospitality, multi-residential, healthcare, adaptive reuse, and commercial.
Prerequisite(s): A minimum grade of "C" in all of the following: IND 3435, IND 2433, IND 3237 and prior or concurrent enrollment in IND 3327, IND 3328, and IND 3434.

INDS 3437 Interior Design CAD II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Advanced computer-aided drafting with an emphasis on building information modeling (BIM). Application of current industry standard 3-dimensional modeling software, and the fundamental execution of graphic drawing communication and management.
Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in IND 2437 and IND 3435.

INDS 3438 Professional Practice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Basic business principles, professional responsibility and ethics, professional organizations, client relationships, and communication techniques will be explored. The development of internship and job placement strategies and required documents as well as the study of the professional practice of interior design.
Prerequisite(s): IND 3435.

INDS 3530 Sustainability for the Built Environment
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to theories of sustainability and its application to the interior built environment including sustainable interior building materials and systems. The impact of the built interior environment on global natural resources and environmental rating systems will be addressed.

INDS 4090 Selected Topics in Interior Design
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Scheduled on an infrequent basis to explore special areas in Interior Design and will carry a subtitle.

INDS 4327 Computer-Aided Design II
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Interior design computer-aided drafting and communication course. Subjects addressed in this course include file management, and creating working drawings, schedules, and details.
Prerequisite(s): A minimum grade of "C" in IND 2327, IND 3327, IND 3435 and concurrent enrollment in IND 3436.

INDS 4427 Interior Design Portfolio
2 Credit Hours. 1 Lecture Hour. 2 Lab Hours.
A senior level course which allows the student to develop a professional interior design portfolio and promotional materials required for pursuing a career in the field. Students will also display their work through a senior exhibition.
Prerequisite(s): A minimum grade of "C" in IND 3436.

INDS 4430 Digital Presentation and Communication
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Application of advanced 3-dimensional modeling and digital rendering techniques through the use of current industry standard software. Study and research of appropriate professional presentation methods will be incorporated. Students' project presentation materials will be assessed and updated.
Prerequisite(s): IND 2437, IND 3436, IND 3437.

INDS 4435 Design Studio IV
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
The design planning process as it applies to the more complex larger scale interior space. Intermediate projects utilizing design philosophy and concept development, space planning and design development to include furniture, finish and interior architectural materials, building codes, and diverse populations. Areas of emphasis may include work environments including systems, hospitality, retail, adaptive reuse, and other appropriate commercial environments.
Prerequisite(s): A minimum grade of "C" in all of the following: ART 1030, IND 3238, IND 3434, IND 3327, IND 3436 and prior or concurrent enrollment in IND 3438, IND 4327 and TCM 3333.

INDS 4446 Design Studio V
4 Credit Hours. 1 Lecture Hour. 6 Lab Hours.
A capstone course for the interior design student that will provide an advanced integrative research and design experience. Projects are complex, specific design situations that will be based on current trends in design. Areas of emphasis may include multi housing, healthcare, or socially responsible design.
Prerequisite(s): A minimum grade of "C" in all of the following: IND 3436 and IND 4435 and concurrent enrollment in IND 4427.

INDS 4790 Interior Design Internship
3-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A supervised summer work-study program with selected organizations which perform professional services related to the field of interior design. The internship will serve as an educational bridge between the junior level and the senior level of design studies.
Prerequisite(s): A minimum grade of "C" in IND 3436 and IND 3438.

INTS 4899 Directed Individual Study
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor.
Prerequisite(s): Permission of Instructor.

INTS International Studies

INTS 2090 Selected Topics in International Studies
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Selected Topics in International Studies.

INTS 2130 Introduction to International Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course is designed to introduce students to a complex array of interdisciplinary perspectives that define the relationships and issues of the contemporary international system. Students are exposed to economic, social, political, geographical, technological, and cultural challenges facing the contemporary world.

INTS 2132 Politics of Ethnicity
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Analyzes the politics of ethnicity and ethnic conflict.

INTS 2630 Research Methods in International Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an introduction to the types of qualitative research designs and research techniques inherent in the multidisciplinary concentrations of International Studies. Students will examine and have direct experience in data collection, analysis, and research reporting.
Prerequisite(s): A minimum grade of "C" in INTS 2130.

INTS 3090 Selected Topics in International Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected Topics in International Studies.
INTS 3130 Contemporary World Cultures
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey and analysis of contemporary world cultures, in which selected cultural features, such as religion, political institutions, and interpersonal communications are examined across applicable cultures.
Prerequisite(s): INTS 2130.

INTS 3132 Asian Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the diversities across and within South, Southeast, and East Asia. It analyzes the following key themes: nationalism, colonialism, regime change, economic development, civil society and social movements, political conflict, and ethno-religious pluralism.
Cross Listing(s): POLS 3132.

INTS 3134 Middle East Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines political change and economic development in the Middle East in the last century, focusing on colonialism, radical Islam, oil politics, Arab nationalism, the Arab-Israeli conflict, and the U.S. role in the Middle East.
Cross Listing(s): POLS 3134.

INTS 3230 Global Issues
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of selected global issues and problems facing all nations, states, and peoples
Prerequisite(s): INTS 2130.

INTS 3232 Psychology of Gender
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines biological and environmental determinants of gender, as well as, the role of gender in cognitive functioning, personality, physical and mental health, interpersonal relationships, and work life.
Prerequisite(s): PSYC 1101.
Cross Listing(s): PSYC 3232.

INTS 3234 Introduction to the European Union
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will introduce students to the history, institutions, policies, and cultures of the European Union and its member states.
Cross Listing(s): EURO 3234, POLS 3234.

INTS 3236 International Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces students to the basic concepts of international relations, including those of war and peace, power, foreign policy, international organization, markets, demography, ecology, and the impact of information technology. Students will be provided with the necessary concepts, theories, and methods used in the discipline including quantitative analysis in order to gain a better understanding of the nature and problems of international relations.
Cross Listing(s): POLS 3236.

INTS 3239 Human Rights in International Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will explore the vulnerability of various political minorities to human rights abuses at the global level and provide an assessment of the roles of states, international organizations, and non-governmental organizations in human rights issues.
Prerequisite(s): POLS 1101 and POLS 2101.
Cross Listing(s): POLS 3239.

INTS 3250 The Muslim World to Tamerlane
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the rise of Islam in the seventh century and of the various Muslim societies that arose prior to the fifteenth century from the Iberian Peninsula to South Asia.
Cross Listing(s): HIST 3250, RELS 3250.

INTS 3251 The Muslim World Since Genghis Khan
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the global reach of the Islam since the thirteenth century. The focus is on how Muslim societies have dealt with the precipitous decline in their well-being since the pinnacle of influence in the seventeenth century.
Cross Listing(s): HIST 3251, RELS 3251.

INTS 3333 International Public Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the performance of public relations in international contexts. Consideration will be given to the political, economic, social, and historical contexts affecting public relations practices. Special emphasis will be placed on the interaction between government and public relations.
Cross Listing(s): PRCA 3333.

INTS 3338 Contemporary Europe
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the European experience since the end of World War II. Emphasizes the political, economic, social, cultural, and intellectual change and continuity in the years 1945 to the present.
Cross Listing(s): HIST 3338.

INTS 3430 International Security Affairs
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides an examination of an array of international security concepts and dynamics including features and aspects of both state and individual security. The course addresses applicable actors, institutions, processes, theories and prominent international issues. Upon completion of the course, students will be able to identify and discuss an assortment of issues pertinent to state and individual security threats and policies.

INTS 3431 Identity and Nationalism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the theories behind nationalism and its influence on identity construction. Consideration will be given to the political, social, cultural, and historical contexts affecting the existence of the nation, and its role within the contemporary globalized world. The course also places an emphasis on the special relationship between the nation and the state.

INTS 3532 The Modern Middle East
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the major developments in the Middle East since World War I.
Cross Listing(s): HIST 3532.

INTS 3533 Global Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an interdisciplinary understanding of how socio-structural factors, global institutions, and political interests impact health outcomes and policies at various levels of analysis. Considering various theoretical perspectives, the class surveys various health-related subjects, including nutrition, health systems, infectious disease, health technologies, and human rights.

INTS 3534 Modern Southeast Asia
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Common themes of the region from 1600, including the impact of the West, the nationalist response, and the post-WW II rise of a modern community of nations.
Cross Listing(s): HIST 3534.

INTS 3536 Global Food Security
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the histories, ideas and practices of ‘food security’, as well as the contemporary politics of the global food system. Topics include the relationship between food and war, agrarian modernization, agricultural trade, food as a human right, land grabbing, and food sovereignty.

INTS 3537 Colonial Latin America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A political, social, and economic survey of Latin America from its pre-Columbia era to its struggles for independence.
Cross Listing(s): HIST 3537, LAST 3537.
INTS 3538 Modern Latin America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A political, social, and economic survey of Latin America from independence to the present.
Cross Listing(s): HIST 3538, LAST 3538.

INTS 3539 Cuba and the Caribbean
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course will discuss the development of the Caribbean generally before addressing contemporary policy issues in a rapidly changing Cuba. Regionalism, economic integration and international organizations will be discussed in this context as well.

INTS 3540 International Leadership
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Is there a role for leadership in international and transnational politics today? In this class, students will analyze this question by studying old and new texts on leadership and practicing leadership in an intensive field activity.

INTS 3551 Introduction to United Nations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this course, students will be introduced to the concepts of international organizations and the part that they play today in international politics. Specifically, we will examine the United Nations, its structure and function, its failures and successes, and what the future holds for this organization.
Cross Listing(s): POLS 3551.

INTS 3571 Development and Sustainability
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Sustainable Development offers students a unique opportunity to merge theory, policy, and practice in a meaningful contemporary context that highlights interdisciplinary and holistic perspectives on the economic, social, and environmental dimensions of development. The course will address alternative and post-modern considerations for sustainability so as to provide the context for considering cases in the real world.

INTS 3572 Comparative Democratization
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is intended as a broad, introductory survey of the political, social, cultural, economic, and international factors that foster the development and consolidation of democracy. The course will address the philosophical origins and normative aspects of democracy before examining the process of democratization through a historical and comparative perspective.

INTS 3573 Sustainable Ocean Policy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

INTS 4090 Sel Topics Intl Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected Topics in International Studies.
Cross Listing(s): EURO 4090.

INTS 4132 U.S. Foreign Policy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides basic information and understanding of the key elements and actions involved in the formulation and execution of U.S. foreign policy. Special attention is given to the impact of U.S. foreign policy on the international system.
Cross Listing(s): POLS 4132.

INTS 4133 U.S. Diplomacy: The Cold War
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the history of U.S. foreign relations from the aftermath of World War II to the collapse of the Soviet Union.
Cross Listing(s): HIST 4133.

INTS 4135 International Organizations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An analytical study of the organization, powers, and problems of global and regional international agencies with particular emphasis upon the European Union.
Prerequisite(s): POLS 2101 or CRJU 1100.
Cross Listing(s): POLS 4135.

INTS 4136 Politics of Industrialized Nations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on examination of the cultural, social, and political factors that contribute to the structure, function, and problems of contemporary nation-states in the Global North.
Prerequisite(s): POLS 1101 or POLS 2101.
Cross Listing(s): POLS 4136.

INTS 4137 Politics of the Global South
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this course, students examine the cultural, social, historical and political factors which have shaped the politics and policies of nation-states in the "Global South." Special emphasis will be given to states that are found in Latin America, Africa, and Asia.
Prerequisite(s): POLS 2101 or CRJU 1100.
Cross Listing(s): POLS 4137.

INTS 4138 International Terrorism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed to explore the political, religious, economic, and social issues which pervade the global environment. Key issues to be addressed include different forms of terrorism, conflict resolution, and at the state level reunification issues. Emphasizes the critical, and perhaps, decisive and controlling impact which terrorist groups level on policy changes.
Cross Listing(s): POLS 4138.

INTS 4238 International Conflict
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the causes of international and civil war, including theories about alliances, power, bargaining, arms races, conventional and nuclear deterrence, nuclear weapon proliferation, and ethnicity.

INTS 4330 Rhetoric of International Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the discourse of international relations from a rhetorical perspective. Emphasizes the analysis and criticism of persuasive messages used in international relations from Aristotelian, Neo-Aristotelian, dramatistic and narrative rhetorical theoretical bases.
Cross Listing(s): COMS 4330.

INTS 4581 Model United Nations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Prepares students for Georgia Southern's participation in the National Model United Nations Conference in New York City in the spring of each year. Students learn the structure, function and organization of the United Nations as well as in-depth knowledge of the particular country that they will be representing in New York. Emphasis is placed on learning parliamentary procedure and diplomatic skills as part of the research conducted for becoming an advocate of the country being represented.
Prerequisite(s): INTS 3551 or POLS 3551.
Cross Listing(s): POLS 4581.
INTS 4582  Model United Nations II
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course is designed for students in the second year of their participation on Georgia Southern University's National Model United Nations (NMUN) delegation. In addition to studying a different country and region of the world which requires students to learn the history, culture, and foreign policies of their assigned country, NMUN students also research and write on topics in different United Nations committees. Second-year delegates also take on added responsibility to plan, coordinate, and execute three Georgia Southern-sponsored Model United Nations conferences. Emphasis is placed on learning the intricacies and nuances of parliamentary procedure as it applies to both the Middle School and High School conferences conducted by Georgia Southern University.
Prerequisite(s): POLS 4581 or INTS 4581.
Cross Listing(s): POLS 4582.
INTS 4630  Seminar in International Studies
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Advanced course focusing on major themes and issues in international relations.
Prerequisite(s): INTS 3130 or INTS 3230.
INTS 4790  Internships Abroad
3-12 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
Provides practical experience abroad. Students are selected by departmental process.
INTS 4890  Directed Independent Study
1-12 Credit Hours.  1-12 Lecture Hours.  0 Lab Hours.
Concentrated study of a topic or theme of an international nature and scope.
Prerequisite(s): Permission of instructor.
INTS 5195  Exchange Semester Abroad
1-18 Credit Hours.  1-18 Lecture Hours.  0 Lab Hours.
This course is designed to facilitate student participation in approved exchange semester abroad programs offered through Georgia Southern University. Registration in this course combined with a completed Course of Study Approval Form provides permission to submit official credit awarded by an approved host institution abroad as transfer credit to Georgia Southern University.
Cross Listing(s): INTS 5195S.
INTS 5531  Modern Japan
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Japan through the Tokugawa period to its nineteenth century emergence from isolation and its growth as a world power with emphasis on traditional culture, industrialization, and post-WW II society.
Cross Listing(s): INTS 5531G, HIST 5531, HIST 5531G.
INTS 5532  Modern China
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Cultural change and continuities of China from 1600 to its response to the West, the rise of the Peoples' Republic, and the Post-Mao present.
Cross Listing(s): INTS 5532G, HIST 5532, HIST 5532G.
INTS 5633  Seminar in International Politics
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Designed to familiarize students with the theories which guide the conduct and analysis of international relations. These theories are examined in both their classical and contemporary context and used to evaluate and assess international relations' phenomena, such as international conflict, international trade and finance, and international human rights.
Prerequisite(s): Minimum grade of C in POLS 2101 and POLS 2130.
Cross Listing(s): INTS 5633G, POLS 5633, POLS 5633G.
INTS 5634  Seminar in Comparative Politics
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Provides an overview of the comparative method and theory building in comparative politics focusing on the macro-structural, rational choice, cultural and statist approaches. Furthermore, it analyzes various themes within Comparative Politics: political culture, regimes and regime transitions, elections and party systems, ethnicity and nationalism, political mobilization, revolution, civil wars and insurrections. The topical focus is substantiated with relevant case studies, case comparisons and cross-case analysis to explore the diversity of the field and political processes across the world.
Prerequisite(s): A minimum grade of "C" in POLS 2101 and POLS 2130.
Cross Listing(s): POLS 5634, POLS 5634G.
INTS 5635  Seminar in International Organizations
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An analytical study of the organization, powers, and problems of global and regional international organizations.
Prerequisite(s): A minimum grade of "C" in POLS 2101 and POLS 2130.
Cross Listing(s): INTS 5635G, POLS 5635, POLS 5635G.

IPSE Inclusive Post-Sec Ed

IPSE 1101  The Eagle Experience
3 Credit Hours.  2 Lecture Hours.  2 Lab Hours.
This course is designed to provide the student with cognitive and affective integration into the Georgia Southern University community. It is required during the first semester in EAGLE Academy. This course will focus entirely on becoming engaged in Georgia Southern University, both academically and socially. Students will become familiar with the campus, resources available, and activities available to them. Students will begin preparations for their STAR Person Centered Plan. Students will also work on their basic reading, writing, math, and workplace skills.
Prerequisite(s): Admission to EAGLE Academy.
IPSE 1102  Daily Living: Beginning Financial Literacy and a Healthy Lifestyle
3 Credit Hours.  2 Lecture Hours.  2 Lab Hours.
This course is designed to provide the student with the financial skills necessary to independently manage their money while living a healthy lifestyle. It will also build on the lessons from IPSE 1101 to help students gain skills to live as independently as possible. Students will learn the basic components of a healthy diet/lifestyle. Students will review their STAR Person Centered Plan and the plan will be edited as necessary. Students will continue to work on their basic reading, writing, math, and workplace skills.
Prerequisite(s): Completion of IPSE 1101.
IPSE 1201  Daily Living: Advanced Financial Planning and Work Readiness
3 Credit Hours.  2 Lecture Hours.  2 Lab Hours.
This course is designed to provide the student with the financial skills necessary to independently manage their money with long-term goals in mind. The course will also provide the students with skills related to a full-time job in the community. It will also build on the lessons from IPSE 1102 to help students gain skills to live as independently as possible. Students will review their STAR Person Centered Plan and the plan will be edited as necessary. Students will continue to work on their basic reading, writing, math, and workplace skills.
Prerequisite(s): Completion of IPSE 1102 or SPED 4090.
IPSE 1202 Career Planning and Transition to Independent Living 3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course is designed to provide the students with the career skills necessary to obtain a job in a field of interest to them. This course will focus on analysis of the job market and effective use of employment search tools (e.g., resumes, cover letters, interviewing, networking, and management of career resources). Students will complete their required IPSE electronic portfolio. Students will review their STAR Person Centered Plan and the plan will be edited as necessary. Students will continue to work on their basic reading, writing, math, and workplace skills.
Prerequisite(s): Completion of IPSE 1201 or SPED 4090.

IRSH Irish Studies

IRSH 1001 Irish Language, Gaeilge: I 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A basic intensive course in Gaeilge (also known as Irish), intended for beginners with no previous knowledge of Ireland’s indigenous tongue, one of the oldest spoken languages in Europe. The course introduces the sound system and orthography of the standard language as used today, and it familiarizes participants with essential grammar, vocabulary, and idioms.

IRSH 2001 Irish Language, Gaeilge: II 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An intermediate intensive course in Gaeilge (also known as Irish), intended for students who have successfully completed introductory-level instruction in Ireland’s indigenous language. Providing a thorough grounding in the grammar of standard modern Gaeilge, the course advances participants to basic competency in reading, writing, pronunciation, and the use of idioms.

IRSH 2130 Introduction to Irish Culture 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course assesses the richness and diversity of the cultural traditions that have yielded modern Ireland: Gaelic, Cambro-Norse, Ulster-Scots, and more. It also interrogates cultural practices among the global Irish diaspora, especially in the American South. Participating students critically assess the cultural impact of Ireland’s indigenous language, mythology, sports, music, dance, architecture, and design.

IRSH 3090 Selected Topics in Irish Studies 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fostering comparative global analysis, this course provides detailed and nuanced critical study of an area related to the geography, history, culture, politics, literature, arts, and/or civilization of Ireland and the Irish people, including their diaspora.

IRSH 3333 Irish Theatre 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course critically interrogates Ireland’s native and diasporic theatre, from the Restoration period through the present. It examines the national-theatre movement, especially the Abbey Theatre, and it assesses other Irish theatre companies, as well as Irish playwrights, directors, and actors.

IRSH 3430 Ireland in Film 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course critically interrogates the content, form, and impact of films about Ireland and the Irish diaspora. Participants also study the history of film-making in Ireland.

IRSH 3432 Northern Irish Identities, Conflict, and Peace-Making 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the genesis, expansion, and settlement of the Northern Irish conflict known as The Troubles (1960s – 1998). Critical study of the tension and violence yields insights into colonialism, the use of ethnicity and religion in national identity-formation, and the role of international diplomacy in conflict-resolution.

ISCI Science-Teach/Learn

ISCI 2001 Life/Earth Science 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an integrated science course covering major concepts in the areas of life and earth science. The course will emphasize the nature and skills of science as well as the understanding of major science concepts and principles in these fields. The use of an inquiry based approach throughout the course will enhance the application of these concepts to the teaching of elementary and middle grades students.
Prerequisite(s): A minimum grade of “C” in ASTR 1010 and ASTR 1211, or ASTR 1020 and ASTR 1211, or BIOL 1103 and BIOL 1110L, or CHEM 1211K, or GEOL 1121, or PHYS 1111K, or PHYS 2211K, or PHSC 1211/1211L.

ISCI 2001L Life/Earth Sci Early Ch Ed Lab 0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
Corequisite(s): ISCI 2001.

ISCI 2002 Physical Science 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an integrated science course covering major concepts in the areas of physical science. The course will emphasize the nature and skills of science as well as the understanding of major science concepts and principles in this field. The use of an inquiry based approach throughout the course will enhance the application of these concepts to the teaching of elementary and middle grades students.
Prerequisite(s): A minimum grade of “C” in ASTR 1010 and ASTR 1211, or ASTR 1020 and ASTR 1211, or BIOL 1103 and BIOL 1110L, or BIOL 1107 or CHEM 1211K, or CHEM 1151K, or GEOL 1121, or PHYS 1111K, or PHYS 2211K, or PHSC 1211/1211L.

IT Information Technology

IT 1130 Introduction to Information Technology 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to IT as an academic discipline and the structure of the Bachelor of Science in Information Technology degree. It also provides students with an introduction to the range of applications of Information Technology. Finally, it introduces students to some of the techniques that they will need for later courses.
Prerequisite(s): None.

IT 1230 Introduction to Web Technologies 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course gives non-IT majors a thorough introduction to technologies used in the creation of websites. It focuses on the basic web concepts and introduces the tools and methods for sound web design. Throughout it stresses the best practices of design and development. The course also introduces students to the principles of good human computer-interface design, including design for people with disabilities.

IT 1231 Introduction to Computer Concepts and Applications 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of hardware and software components of computers, and the impact of computers on society. Discussion of the capabilities and the limitations of computers, and the kinds of problems that are best solved by computers. Experience with using personal computer productivity tools to solve problems. Emphasis on the major uses of computers. Not designed for the computer science major.
Prerequisite(s): MATH 1001 or MATH 1111.

IT 1330 Programming for Information Technology 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to basic concepts and techniques of a contemporary programming language. Topics include language syntax, variables, decision structures, loop structures, functions, and IDE. Development of modular programs for event-driven applications.
Prerequisite(s): A minimum grade of “C” in MATH 1111 or MATH 1113 or equivalent.
IT 1430  Web Page Development  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
A thorough introduction to the languages used to create web pages. Throughout it stresses the importance of good coding style. The course also introduces students to the principles of good human computer interface design, including design for people with disabilities. Finally, the course introduces students to an object-based language. 
Prerequisite(s): Familiarity with productivity tools.

IT 2230  Introduction to Application Development  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
Introduction to mobile computing and mobile application software development. Topics include mobile computing devices, mobile operating systems, app programming languages and APIs, app development environments, app programming and development cycles. 
Prerequisite(s): CSCI 1301 (Introduction to Programming Principles) or IT 1330.

IT 2333  IT Infrastructure  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
This course allows students to develop a thorough understanding of the IT infrastructure which includes computer hardware and networks that support various IT applications, and network security. This course allows students to develop this knowledge as well as some fundamental skills in server, network system administration and management, and to become aware of the importance of information assurance and security in the design, implementation and administration of an IT Infrastructure. 
Prerequisite(s): A minimum grade of "C" in all of the following: IT 1130 and prior or concurrent enrollment in STAT 1401.

IT 2430  Data Programming I  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
The course provides students with an introduction to the main concepts in programming including variables, expressions, statements, conditional execution, functions, iteration, strings, and files. 
Prerequisite(s): A minimum grade of "C" in all of the following: IT 1130, IT 1430, MATH 2130 and STAT 1401.

IT 2431  Data Programming II  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
The course provides students with an introduction to the main concepts in programming related to data. The course focuses on data storage and the use of regular expressions to search data. The course also includes an overview of object oriented concepts. 
Prerequisite(s): A minimum grade of "C" in IT 2430 and prior or concurrent enrollment in MATH 1232 or MATH 1441.

IT 2530  Operating Systems  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
Principles of the management of memory, processors, processes and deadlocks, synchronization of computing tasks, files, devices, and systems. Principles of network organization and network operating systems. Analysis and evaluation of comparative operating systems. 
Prerequisite(s): CSCI 1150 (Fundamentals of the Internet and World Wide Web) or IT 2333.

IT 2531  Introduction to Cyber Security  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
This course teaches the fundamental concepts and principles of cyber security techniques. Topics include computer and network security, cyber stalking, social networks, fraud and abuse, web security, malware, computer viruses, encryption, techniques used by hackers and how to combat them, simulation and identification of different threat models, software vulnerabilities analysis, risk assessment and mitigation, prediction of potential attack vectors through data analysis and evaluation. Hands on activities will be performed with emphasis on personal cyber and information security. 
Prerequisite(s): None.

IT 3132  Web Programming  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
A survey of software development tools and frameworks used in the development and deployment of web and mobile based systems. Course content includes the implementation of client-side and server-side dynamic content. 
Prerequisite(s): A minimum grade of "C" in IT 2333 and IT 2431.

IT 3133  E-Commerce  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
Principles and practices of E-commerce, including transaction and electronic payment systems, and business, legal, and security issues as they relate to E-commerce. 
Prerequisite(s): IT 3233.

IT 3134  Advanced Mobile Application Development  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
An advanced course in Mobile App Development with more advanced techniques such as the development of gaming applications and applications for database access. 
Prerequisite(s): A minimum grade of "C" in IT 3233 and STAT 1401.

IT 3230  Data Visualization  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
Fundamentals of practical aspects of computer networks and data communications; standards, protocols, topologies, architectures, routing devices, wireless technologies, and monitoring and management. 
Prerequisite(s): A minimum grade of "C" in IT 2530.

IT 3233  Database Design and Implementation  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
The course provides students with the opportunity to develop in-depth knowledge of database design, implementation, and systems development. The course covers data modeling concepts, approaches and techniques, and stages in database development processes (conceptual and logical design, implementation and maintenance). The course also covers methods and approaches used in system analysis and design, including the system development life cycle. To reinforce the course concepts, students will carry out projects based on real world situations. 
Prerequisite(s): A minimum grade of "C" in (CSCI 1236 OR IT 2430) AND MATH 2130.

IT 3234  Systems Acquisition, Design, and Implementation  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
This course provides a study of the acquisition, design, and implementation of information technology systems, including methods for investigating solutions, project planning and control, documentation, and specifications. 
Prerequisite(s): A minimum grade of "C" in IT 3233.

IT 3432  Advanced Analytics Programming  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. 
The course provides students with the necessary tools and techniques to manipulate, process, clean and analyze data at an advanced level using Python. Specifically, students will use IPython, NumbPy, and pandas to load, clean, transform, visualize and analyze data. 
Prerequisite(s): A minimum grade of "C" in IT 2431 and IT 3233.
IT 3530  Fundamentals of Information Systems Security  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Current standards and best practice in information assurance and security. Topics include the evaluation of security models, threat analysis, security risk assessment and risk mitigation, disaster recovery planning, cryptography and encryption algorithms, and security policy formation and implementation.  
Prerequisite(s): CSCI 2120.  

IT 4130  IT Issues and Management  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Covers case studies of IT development projects to assist the student in the recognition of the need of an IT development project. The student will study and critique the development, implementation and management of both successful and unsuccessful projects.  
Prerequisite(s): A minimum grade of "C" in IT 3244.  

IT 4136  Knowledge Discovery and Data Mining  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The course covers the process of automatically extracting valid, useful, and previously unknown information from data sources and using the information to make decisions. This course is designed to provide students with a solid understanding of the knowledge discovery process and the use of data mining concepts and tools as part of that process.  
Prerequisite(s): A minimum grade of "C" in all of the following: (IT 3233) AND (STAT 1401 OR BUSA 3131).  

IT 4137  Data Science and Big Data Analytics Capstone Project  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course covers the process of analyzing big data sets to potentially gain actionable insights for an organization. This course provides students with a solid understanding of the life cycle approach to data analytics and the tools and techniques necessary to solve problems in big data and data analytics.  
Prerequisite(s): A minimum grade of "C" in BUSA 3132 and IT 3230 and IT 3432 and IT 4136 and OSMC 3430 and STAT 1402.  

IT 4234  Datacenter Management  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course covers datacenter infrastructure and management including technologies such as: virtualization, networking, server consolidation, green IT computing, and network storage configurations. Using virtualized platforms (hypervisors), various server, networking and infrastructure configurations are deployed, analyzed and managed. A number of server operating systems are deployed, administered and managed via remote locations. Best practices for security policies of cloud resources including permissions, privileges and server management are analyzed and performed.  
Prerequisite(s): A minimum grade of "C" in IT 3231.  

IT 4335  Network Architecture  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course covers the hardware required for interconnecting digital devices for the purpose of enabling data communication through a network. Bus architectures, ports, network cards, cabling, routers, switches. Ensuring network reliability. Optimizing network performance.  
Prerequisite(s): A minimum grade of "C" in IT 3231.  

IT 4336  Network Security  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Concepts of network security, including; countermeasures and safeguards to networks such as remote access controls, firewalls, intrusion detection systems, data encryption, and virtual private networks.  
Prerequisite(s): IT 3530.  

IT 4337  Ethical Hacking  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Concepts of hacker techniques and tools, including: cryptographic concepts, a technical overview of hacking, including port scanning, enumeration of computer systems, wireless vulnerabilities, web and database attacks, malware, and penetration testing. Social aspects of hacking, including social engineering. Incident response.  
Prerequisite(s): IT 3530.  

IT 4338  Client/Server Systems  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Architectures and concepts of n-tier client/server models. Client/server interfaces and communications protocols: Open Database Connectivity (ODBC) and Java Database Connectivity (JDBC). Design and development of web-based applications involving front clients, middle-tier application servers, and backend databases.  
Prerequisite(s): IT 3233.  

IT 4339  Network Design and Administration  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Advanced topics on network and data administration. Topics include installation, configuration, access control, network security, web servers, and firewalls.  
Prerequisite(s): IT 3231.  

IT 4430  Graphics Design  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Creation of two and three-dimensional computer graphics and animations using both professional programming libraries and standard CGI tools. Survey of hardware and software used in the computer graphics industry, classic algorithms and data structures for raster graphics, representation and processing of three dimensional objects, and an introduction to procedural animation and image processing for special effects.  
Prerequisite(s): IT 3234.  

IT 4530  Senior Capstone Project  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course provides students with the opportunity to develop in-depth knowledge of IT project design and implementation. The course covers the main topics of IT project management including requirements specification, project integration, scope, time, cost, quality, human resources, communications, and risk management. In addition, techniques and methods used in IT project management will be covered. To reinforce the course concepts, students will complete projects related to their specialization.  
Prerequisite(s): Prior or concurrent enrollment and a minimum grade of "C" in IT 3234 and Senior standing.  

IT 4531  Senior Capstone Project II  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Continuation of the major design/research project begun in IT 4530. Project implementation, documentation, and reporting in a symposium format are expected.  
Prerequisite(s): IT 4530.  

IT 4790  Internship in Information Technology  
3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
A campus-approved and coordinated IT-experience-based internship will be required of each student. The internship will include at least 280 hours of work. A written report by the student, along with an employer evaluation of the student's work will be required.  
Prerequisite(s): Permission of the Instructor.  

IT 4830  Special Problems in Information Technology  
3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
A customized course that is under the direction of a faculty sponsor. Special Problems is designed to offer students an opportunity to pursue studies at a level or on topics not covered in scheduled courses. The scope and nature of the material covered is determined in consultation with the faculty sponsor.  
Prerequisite(s): Permission of Department Chair.
IT 4890 Directed Study in Information Technology
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Designed for independent study and research in selected areas of Information Technology under faculty supervision.
Prerequisite(s): Permission of Department Chair or Director.

IT 5090 Selected Topics in Information Technology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides an opportunity for in-depth study of selected topics or emerging areas in information technology.
Prerequisite(s): Permission of Instructor.
Cross Listing(s): IT 5090G.

IT 5135 Data Analytics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers the basic issues involved in building and populating a data mart to support the planning, designing and building of business intelligence applications and data analytics. Core concepts related to business intelligence and analytics are covered.
Prerequisite(s): A minimum grade of "C" in all of the following: (IT 3233 AND (STAT 1401 OR BUSA 3131)).
Cross Listing(s): IT 5135G.

IT 5233 Web and Mobile Security Fundamentals
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Cybersecurity is a cornerstone of web-based solutions for mobile applications, networks, and e-commerce. IT professionals must learn to predict, prevent, and defend against cyber attacks from a myriad of sources if they are to build and support the next generation of business solutions. In this course, you will learn the principles of designing, building, and testing secure web-based solutions. You will also learn how to identify and prevent common security vulnerabilities.
Prerequisite(s): A minimum grade of "C" in IT 3132.
Cross Listing(s): IT 5233G.

IT 5235 Advanced Web Interfaces
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an introduction and application of human-computer interaction theories to web-based applications. It covers the evaluation of user interfaces using various techniques including heuristic evaluation and user testing.
Prerequisite(s): A minimum grade of "C" in all of the following: (IT 1330 or IT 2130 or IT 2430) and IT 3132.
Cross Listing(s): IT 5235G.

IT 5236 Distributed and Mobile Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the infrastructure which forms the basis of commercial, web-enabled applications on mobile and small devices, as well as personal computers. The course will focus on designing mobile web applications that provide a high level of security, reliability, scalability and availability. Through this course, students will develop proficiencies in current web technologies employed by businesses.
Prerequisite(s): A minimum grade of "C" in IT 3132.
Cross Listing(s): IT 5236G.

IT 5433 Information Storage and Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers modern storage infrastructure technology and management including: challenges and solutions for data storage and data management, intelligent storage systems, storage networking, backup recovery, and archive, business continuity and disaster recovery, security and virtualization, and managing and monitoring the storage infrastructure. Best practices for security policies of cloud resources including permissions, privileges and storage management are analyzed and performed.
Prerequisite(s): A minimum grade of "C" in all of the following: IT 2333 and IT 3231.
Cross Listing(s): IT 5433G.

IT 5434 Network Security Fundamentals
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is intended to serve the needs of individuals interested in understanding the field of network security and how it relates to other areas of information technology. The course will take a broad look at network security and provide the knowledge necessary to prepare students for further study in specialized security areas or used as a capstone course to those interested in acquiring a general knowledge of the field.
Prerequisite(s): A minimum grade of "C" in IT 3231 and IT 4335.
Cross Listing(s): IT 5434G.

ITEC Instructional Tech Ed

ITEC 2130 Instructional Technology and Design for the Workplace
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Instructional Technology and Design for the Workplace is an interdisciplinary course where students design, and develop prototypes of creative, integrated multimedia projects to solve real-world problems and challenges. This course will introduce students to the design and employment of current mobile applications, instructional technologies, multimedia design, social media, and technology-integrated strategies for the workplace.

ITEC 3131 Principles of E-Learning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Principles of e-Learning is a foundational course that introduces students to theories and applied learning principles for the design of e-learning environments in professional and educational settings.

ITEC 3132 Introduction to Instructional Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to Instructional Design prepares students to design and develop professional learning experiences and materials using different approaches for a broad range of business, industry, and educational settings. This course will introduce students to models of instructional design and technology integration.
Prerequisite(s): A minimum grade of "C" in ITEC 2130.

ITEC 3133 Multimedia Message Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Multimedia Message Design is designed to provide students a framework to access, evaluate, and use information effectively and ethically. Students will explore the design processes that are used in contemporary multimedia design.
Prerequisite(s): A minimum grade of "C" in ITEC 2130.

ITEC 3230 Instructional Technology for Special Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an introduction to the effective uses of instructional technology for Special Education majors. A systematic approach to selecting, producing, and utilizing various instructional technologies will be covered with an emphasis on the instructional uses of the computer. The course will correlate with the Special Education pre-service experience.

ITEC 3430 Instructional Technology for P-12 Teaching Fields
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed for students enrolled in one of the P-12 teaching fields. It is an introduction to the effective uses of technology in an instructional setting. A systematic approach to selecting, producing, and utilizing various instructional technologies will be covered with an emphasis on the instructional uses of the computer. The course will correlate with the pre-service experience for students enrolled in one of the P-12 teaching fields.
ITEC 4134 E-Learning Project Management and Evaluation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to provide the learner with an introduction to the management of e-learning development projects and the evaluation of e-learning experiences.
Prerequisite(s): A minimum grade of "C" in ITEC 2130, ITEC 3131, and ITEC 3132.

ITEC 4740 Database Administration
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

ITEC 5233 Foundations of Technology-Enabled Learning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces education majors to the effective uses of instructional technology in supporting student centered technology-enabled learning. A systematic approach to selecting, producing, and utilizing various instructional technologies will be covered with an emphasis on online teaching and learning for P-12 environments.
Cross Listing(s): ITEC 5233G.

ITW Information Technology Web

ITW 1130 Introduction to Information Technology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to IT as an academic discipline and the structure of the Bachelor of Science in Information Technology degree. It also provides students with an introduction to the range of applications of Information Technology. Finally, it introduces students to some of the techniques that they will need for later courses.

ITW 1330 Programming for Information Technology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to basic concepts and techniques of a contemporary programming language. Topics include language syntax, variables, decision structures, loop structures, functions, and IDE. Development of modular programs for event-driven applications.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in MATH 1111.

ITW 1430 Web Page Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A thorough introduction to the languages used to create web pages. Throughout it stresses the importance of good coding style. The course also introduces students to the principles of good human computer interface design, including design for people with disabilities. Finally, the course introduces students to an object-based language.

ITW 2140 Discrete Mathematics for Information Technology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Covers important discrete mathematical objects such as sets, relations and functions, graphs and trees as it relates to the field of Information Technology. An introduction to mathematical logic and reasoning, and the concept of an algorithm and its complexity will be covered.
Prerequisite(s): A minimum grade of "C" in MATH 1111.

ITW 2333 IT Infrastructure
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course allows students to develop a thorough understanding of the IT infrastructure which includes computer hardware and networks that support various IT applications, and network security. This course allows students to develop this knowledge as well as some fundamental skills in server, network system administration and management, and to become aware of the importance of information assurance and security in the design, implementation and administration of an IT Infrastructure.
Prerequisite(s): A minimum grade of "C" in all of the following: IT 1130 and prior or concurrent enrollment in STAT 1401.

ITW 2430 Data Programming I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course provides students with an introduction to the main concepts in programming including variables, expressions, statements, conditional execution, functions, iteration, strings, and files.
Prerequisite(s): A minimum grade of "C" in all of the following: IT 1130, IT 1430, MATH 2130 and STAT 1401.

ITW 2431 Data Programming II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course provides students with an introduction to the main concepts in programming related to data. The course focuses on data storage and the use of regular expressions to search data. The course also includes an overview of object oriented concepts.
Prerequisite(s): A minimum grade of "C" in all of the following: IT 1130, IT 1430, and prior or concurrent enrollment in MATH 2130 or STAT 1401.

ITW 2530 Operating Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Principles of the management of memory, processors, processes and deadlocks, synchronization of computing tasks, files, devices, and systems. Principles of network organization and network operating systems. Analysis and evaluation of comparative operating systems.
Prerequisite(s): A minimum grade of "C" in all of the following: IT 1130 or IT 2333.

ITW 2531 Introduction to Cyber Security
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course teaches the fundamental concepts and principles of cyber security techniques. Topics include computer and network security, cyber stalking, social networks, fraud and abuse, web security, malware, computer viruses, encryption, techniques used by hackers and how to combat them, simulation and identification of different threat models, software vulnerabilities analysis, risk assessment and mitigation, prediction of potential attack vectors through data analysis and evaluation. Hands on activities will be performed with emphasis on personal cyber and information security.

ITW 3133 E-Commerce
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Principles and practices of E-commerce, including transaction and electronic payment systems, and business, legal, and security issues as they relate to E-commerce.
Prerequisite(s): A minimum grade of "C" in IT 3233.

ITW 3230 Data Visualization
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to the field of data visualization. The course covers basic design and evaluation principles to prepare and analyze large datasets, and standard visualization techniques for different types of data. The course prepares students to communicate clearly, efficiently, and in a visually compelling manner to a variety of audiences.
Prerequisite(s): A minimum grade of "C" in all of the following: CSCI 1236 or IT 2430, MATH 2130.

ITW 3231 Data Communications
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamentals of practical aspects of computer networks and data communications; standards, protocols, topologies, architectures, routing devices, wireless technologies, and monitoring and management.
Prerequisite(s): A minimum grade of "C" in IT 2530.

ITW 3233 Database Design and Implementation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course provides students with the opportunity to develop in-depth knowledge of database design, implementation, and systems development. The course covers data modeling concepts, approaches and techniques, and stages in database development processes (conceptual and logical design, implementation and maintenance). The course also covers methods and approaches used in system analysis and design, including the system development life cycle. To reinforce the course concepts, students will carry out projects based on real world situations.
Prerequisite(s): A minimum grade of "C" in all of the following: CSCI 1236 or IT 2430, MATH 2130.
ITW 3234 Systems Acquisition, Design, and Implementation 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides a study of the acquisition, design, and implementation of information technology systems, including methods for investigating solutions, project planning and control, documentation, and specifications.
Prerequisite(s): A minimum grade of "C" in IT 2332.

ITW 3432 Analytics Programming 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course provides students with the necessary tools and techniques to manipulate, process, clean, and analyze data at an advanced level using Python. Specifically, students will use IPython, NumbPy, and pandas to load, clean, transform, visualize, and analyze data.
Prerequisite(s): A minimum grade of "C" in IT 2431 and IT 3232.

ITW 3530 Fundamentals of Information Systems Security 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Current standards and best practice in information assurance and security. Topics include the evaluation of security models, threat analysis, security risk assessment and risk mitigation, disaster recovery planning, cryptography and encryption algorithms, and security policy formation and implementation.
Prerequisite(s): A minimum grade of "D" in CSCI 2120.

ITW 3531 Digital and Computer Forensics 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces the processes and methodologies of Digital and Computer Forensics. Topics include the proper acquisition, preservation, analysis, and presentation of digital evidence. The course also covers the fundamental knowledge and lab-based skills of digital forensics across various platforms, operating systems, networks and in the cloud. This includes file systems such as NTFS and EXT3/4, partitions, inodes, data sectors and clusters, slack space, Linux and Windows scripting and commands, as well as open source and proprietary digital forensic tools.
Prerequisite(s): A minimum grade of "C" in ITW 2531.

ITW 4130 IT Issues and Management 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Covers case studies of IT development projects to assist the student in the recognition of the need of an IT development project. The student will study and critique the development, implementation and management of both successful and unsuccessful projects.
Prerequisite(s): A minimum grade of "C" in IT 2334.

ITW 4135 Data Analytics 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers the basic issues involved in building and populating a data mart to support the planning, designing and building of business intelligence applications and data analytics. Core concepts related to business intelligence and analytics are covered.
Prerequisite(s): A minimum grade of "C" in all of the following: IT 3233, STAT 1401 or BUSA 3131.
Cross Listing(s): IT 5135G.

ITW 4136 Knowledge Discovery and Data Mining 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course covers the process of automatically extracting valid, useful, and previously unknown information from data sources and using the information to make decisions. This course is designed to provide students with a solid understanding of the knowledge discovery process and the use of data mining concepts and tools as part of that process.
Prerequisite(s): A minimum grade of "C" in all of the following: IT 3233, STAT 1401 or BUSA 3131.

ITW 4336 Network Security 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Concepts of network security, including: countermeasures and safeguards to networks such as remote access controls, firewalls, intrusion detection systems, data encryption, and virtual private networks.
Prerequisite(s): A minimum grade of "D" in IT 3530.

ITW 4337 Ethical Hacking 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Concepts of hacker techniques and tools, including: cryptographic concepts, a technical overview of hacking, including port scanning, enumeration of computer systems, wireless vulnerabilities, web and database attacks, malware, and penetration testing. Social aspects of hacking, including social engineering. Incident response.
Prerequisite(s): A minimum grade of "D" in IT 3530.

ITW 4530 Senior Capstone Project 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides students with the opportunity to develop in-depth knowledge of IT project design and implementation. The course covers the main topics of IT project management including requirements specification, project integration, scope, time, cost, quality, human resources, communications, and risk management. In addition, techniques and methods used in IT project management will be covered. To reinforce the course concepts, students will complete projects related to their specialization.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in IT 3234 and Senior standing.

ITW 4790 Internship in Information Technology 3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A campus-approved and coordinated IT-experience-based internship will be required of each student. The internship will include at least 280 hours of work. A written report by the student, along with an employer evaluation of the student's work will be required.
Prerequisite(s): Permission of the Instructor.

JAPN Japanese

JAPN 1001 Elementary Japanese I 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to listening, speaking, reading, and writing in Japanese and to the culture of Japanese-speaking regions.

JAPN 1002 Elementary Japanese II 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continued listening, speaking, reading, and writing in Japanese with further study of culture of Japanese-speaking regions.

JAPN 1060 Accelerated Elementary Japanese 6 Credit Hours. 6 Lecture Hours. 0 Lab Hours.
An accelerated introduction to listening, speaking, reading, and writing in Japanese and to the culture of Japanese-speaking regions. Completes the elementary levels of Japanese in one semester.

JAPN 2001 Intermediate Japanese I 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Building upon communication skills (understanding, speaking, reading, and writing Japanese) and cultural understanding, developed at the elementary level.
Prerequisite(s): A minimum grade of "C" in JAPN 1002.

JAPN 2002 Intermediate Japanese II 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continued focus on communication skills and cultural understanding.
Prerequisite(s): A minimum grade of "C" in JAPN 2001.

JAPN 2060 Accelerated Intermediate Japanese 6 Credit Hours. 6 Lecture Hours. 0 Lab Hours.
Accelerated intermediate Japanese with continued work on listening, speaking, reading, and writing in Japanese and the culture of Japanese-speaking regions. Completes the intermediate levels of Japanese in one semester.
Prerequisite(s): A minimum grade of "C" in JAPN 1002 or JAPN 1060.
JAPN 3090 Selected Topics in Japanese
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Study of a topic in Japanese literature, culture, society, thought, or language not included in the regular offering. Continued development of all five language competencies (listening, speaking, reading, writing, and culture). May be repeated for credit provided a new topic is studied.
Prerequisite(s): A minimum grade of "C" in JAPN 2002 or JAPN 2060.

JAPN 3120 Japanese Conversation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continued development of all five competencies: listening, speaking, reading, writing, and culture, with special emphasis on conversational skill.
Prerequisite(s): A minimum grade of "C" in JAPN 2002 or JAPN 2060.

JAPN 3131 Reading Japanese
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the Japanese language with an emphasis on reading skills. Development of all five language skills: listening, speaking, reading, writing, and culture.
Prerequisite(s): A minimum grade of "C" in JAPN 2002 or JAPN 2060.

JAPN 3185 Studies Abroad: Speaking I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in oral communications in Japanese using materials that are appropriate for building on intermediate-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in JAPN 2002 or JAPN 2060.

JAPN 3230 Japanese Literature I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of major authors and movements in Japanese literature from the Meiji period to the present, including women in literature and the relations to cultural trends and other arts, such as painting and film.

JAPN 3330 Japanese Culture I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Development of the Japanese language with a special emphasis on its culture. Development of all five language skills: listening, speaking, reading, writing, and culture.
Prerequisite(s): A minimum grade of "C" in JAPN 2002 or JAPN 2060.

JAPN 3331 Japanese Culture II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the Japanese culture, values, society, customs, and the language for American students.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

JAPN 3385 Study Abroad: Writing I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in written communications in Japanese using materials that are appropriate for building on intermediate-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in JAPN 2002 or JAPN 2060.

JAPN 3530 Business Japanese
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the language and practice of business conventions in Japan. Development of all five language skills: listening, speaking, reading, writing, and culture.
Prerequisite(s): A minimum grade of "C" in JAPN 2002 or JAPN 2060.

JAPN 3531 Japanese Literature II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Prerequisite(s): A minimum grade of "C" in JAPN 2002 or JAPN 2060.

JAPN 4185 Studies Abroad: Speaking II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in oral communications in Japanese using materials that are appropriate for building on advanced-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in JAPN 2002 or JAPN 2060.

JAPN 4385 Studies Abroad: Writing II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a course in written communications in Japanese using materials that are appropriate for building on advanced-level skills and which are related thematically to the country/culture visited.
Prerequisite(s): A minimum grade of "C" in JAPN 2002 or JAPN 2060.

KINS 1090 Selected Topics in Physical Activity
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Provides an introduction to alternative physical activity courses.
Cross Listing(s): KINS 1090S.

KINS 1110 Aerobics
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic aerobic skills and knowledge.

KINS 1111 Aerobic Cross Training
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to challenge the experienced student's basic aerobic exercise techniques and knowledge. Intermediate skills and knowledge will be introduced. It is recommended that students be able to participate in a minimum of 20 minutes of continuous aerobic activity prior to enrolling in the course.

KINS 1112 Badminton
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic badminton skills and knowledge.

KINS 1113 Basketball
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic basketball skills and knowledge.

KINS 1114 Body Conditioning
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the student to the proper techniques and safety concerns in body conditioning.

KINS 1115 Bowling
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic bowling skills and knowledge. An additional fee is required.

KINS 1116 Canoeing
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
This course is designed to introduce the safe and skilled use of a canoe and canoe camping.

KINS 1117 Dance: Ballet
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce beginning ballet techniques. Basic barwork and various combinations will be included.

KINS 1118 Dance:Clogging
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic clogging steps and dance routines.

KINS 1119 Dance: Country Western
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce popular country-western couple dances such as the Texas Two-Step, Sway, etc. Basic dance steps such as the waltz, two-step, and cha-cha will be included.

KINS 1121 Mountaineering
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.

KINS 1210 Dance: Folk
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce folk dances from a variety of nationalities/countries of the world.
KINS 1211 Dance: Line
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce a variety of popular line dances which are performed without a partner. The dances are primarily country-western in nature and involve basic steps.

KINS 1212 Dance: Modern
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the elements of dance, proper warm up techniques, basic modern dance movement and creative application of dance principles.

KINS 1213 Dance: Social
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic steps and variations for eight selected ballroom dances.

KINS 1214 Dance: Square
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to include basic square dance movements and beginning square dance routines.

KINS 1215 Dance: Tap
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the eight elements of dance, proper warm-up techniques, basic tap steps, and an application of skills learned.

KINS 1216 Equestrian
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce fundamental skills and basic knowledge necessary for riding a horse safely. An additional fee is required.

KINS 1217 Fencing
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic fundamentals and skills of foil fencing.

KINS 1218 Fitness Walking
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce students to walking as a fitness activity while implementing a walking program.

KINS 1219 Football: Flag
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce flag football skills, rules, and strategies.

KINS 1310 Golf
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce golf skills, fundamentals and knowledge. An additional fee is required.

KINS 1311 Jogging
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic fundamentals of jogging and cardiovascular training.

KINS 1312 Outdoor Education Activities
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce knowledge and skills that will enhance participation in outdoor activities.

KINS 1313 PA for People with Disabilities I
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed for the student with a disabling condition who cannot satisfy the physical activity requirement provided through the other activity course listings. This course provides individualized programs with a variety of training modalities modified for the individual student. An introduction to a variety of physical activity concepts, skills, and techniques (Level I) will also be presented.

KINS 1314 PA for People with Disabilities II
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed for the student with a disabling condition who cannot satisfy the physical activity requirement provided through the other activity course listings. This course provides an individualized program with a variety of training modalities modified for the individual student. A variety of physical activity concepts, skills, techniques (Level II) will also be presented.

KINS 1315 PA for People with Disabilities III
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed for the student with a disabling condition who cannot satisfy the physical activity requirement provided through the other activity course listings. This course provides an individualized program with a variety of training modalities modified for the individual student. A variety of physical activity concepts, skills, and techniques (Level III) will also be presented.

KINS 1316 PA for People with Disabilities IV
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed for the student with a disabling condition who cannot satisfy the physical activity requirement provided through the other activity course listings. This course provides an individualized program with a variety of training modalities modified for the individual student. A variety of physical concepts, skills, and techniques (Level IV) will also be presented.

KINS 1317 Racquetball
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the basic racquetball skills and knowledge.

KINS 1318 Scuba
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the fundamental skills and knowledge necessary for entry level certification and to meet the standards set forth by the Recreational Scuba Training Council (RSTC). An additional fee is required.

KINS 1319 Self Defense
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic self-defense techniques and principles.

KINS 1410 Soccer
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic soccer skills and knowledge.

KINS 1411 Softball
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic softball skills and knowledge.

KINS 1412 Swimming
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic skills and knowledge for swimming effectively and safely.

KINS 1413 Swimming: Aquatic Aerobics
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce students of various ages and fitness levels to participate in a vigorous, aerobic activity while reducing the change of injury. Activities which promote cardiovascular endurance, muscular strength and endurance, and flexibility are emphasized and modified to be done in an aquatic setting.

KINS 1414 Swimming: Fitness
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce the student to the type and quality of exercise needed to maintain a high degree of fitness through a vigorous exercise program in the swimming pool.

KINS 1415 Tennis
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic tennis skills and knowledge.
KINS 1416 Tumbling
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic tumbling skills and knowledge.

KINS 1417 Volleyball
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic volleyball skills and knowledge.

KINS 1418 Weight Training
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic weight training skills and knowledge.

KINS 1419 Water Safety: Survival Swimming
1 Credit Hour. 1 Lecture Hour. 1 Lab Hour.

KINS 1510 Mountaineering
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce mountaineering skills, fundamentals and knowledge.

KINS 1512 Yoga and Pilates
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
This course will introduce the student to the fundamental concepts of Yoga and Pilates, encourage the appreciation of leisure activities, and promote a healthy lifestyle.

KINS 1513 Swing/Shag
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic Swing/Shag Dance skills and knowledge.

KINS 1514 Spinning
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic aerobic skills and knowledge pertinent to understanding and participating in spinning.

KINS 1515 Fitness for Life
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to introduce basic weight management through exercise and nutritional education.

KINS 1516 Beginning Archery
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
To introduce the student to the fundamental concepts/technique of archery, and to encourage the appreciation of leisure activities in promoting a healthy lifestyle.

KINS 1519 Rock Climbing
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Students will learn the skills needed to rock climb indoors. Students will learn knot tying, proper handling of a rope, how to put on a climbing harness, proper belaying techniques, spotting, and basic climbing techniques and terms.

KINS 1525 Concepts of Health and Physical Activity
2 Credit Hours. 1 Lecture Hour. 2 Lab Hours.
This course combines health-related content knowledge with weekly participation in fitness or sport based physical activity. The health-related topics may include; behavioral change, personal safety, components of fitness, nutrition and weight management, prevention of chronic disease, mental health and stress management, substance use and abuse, and sexual health. The combined course content promotes a healthy lifestyle while teaching lifelong physical activities.

KINS 2110 Aerobics: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experience student’s basic aerobic exercise techniques and knowledge. Intermediate skills and knowledge will be introduced. It is recommended that students be able to participate in a minimum of 20 minutes of continuous aerobic activity prior to enrolling in the course.

KINS 2112 Badminton: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic skills and knowledge. Intermediate strategies are introduced.

KINS 2113 Basketball: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic basketball skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2115 Bowling: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's basic bowling skills and knowledge. Intermediate skills and strategies will be introduced. It is recommended that students average 130 or higher prior to enrolling in this course. An additional fee is required.

KINS 2117 Dance: Ballet Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student's fundamental understanding of ballet techniques and introduce the students to basic choreography of a short self-created dance.

KINS 2123 Dance: Social Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to emphasize leading and following techniques and more advanced patterns/variations of the waltz, cha-cha, Texas two-step and swing (shag).

KINS 2210 Aerobics: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experience student’s basic aerobic exercise techniques and knowledge. Intermediate skills and knowledge will be introduced. It is recommended that students be able to participate in a minimum of 20 minutes of continuous aerobic activity prior to enrolling in the course. An additional fee is required.
KINS 2319 Self Defense: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine an experienced student’s basic self-defense skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2321 Clinical Skills in Athletic Training I
2 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
This course provides the student with a supervised clinical experience in athletic training. Clinical assignment, clinical skill competencies and clinical proficiency evaluation are included in this course. Content of this course includes; lower extremity taping, wrapping, bracing, immobilization and protective devices.
Prerequisite(s): Athletic Training major status.

KINS 2322 Clinical Skills in Athletic Training II
2 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
This course provides the student with a supervised clinical experience in athletic training. Clinical assignment, clinical skill competencies and clinical proficiency evaluation are included in this course. Content of this course includes; upper extremity taping, wrapping, bracing, immobilization and protective devices.
Prerequisite(s): A minimum grade of "C" in KINS 2321 and Athletic Training major status.

KINS 2410 Soccer: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic soccer skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2411 Softball: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic softball skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2412 Swimming: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic swimming skills and knowledge. Intermediate skills and knowledge will be introduced.

KINS 2413 Tennis: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic tennis skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2414 Volleyball: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic volleyball skills and knowledge. Intermediate skills and strategies will be introduced.

KINS 2416 Weight Training: Intermediate
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A course designed to refine the experienced student's basic weight training techniques and knowledge. Intermediate techniques and programs will be introduced.

KINS 2417 Swimming: Water Polo
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Designed to introduce the student to water polo basic skills and knowledge.

KINS 2420 Lifeguard Training
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Prepares students to meet the requirements of the American Red Cross and qualify for certification as a lifeguard.

KINS 2421 Water Safety Instruction
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Prepares the student to meet the requirements of the American Red Cross and qualify for certification as a water safety instructor.

KINS 2431 Foundations of Health and Physical Education
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Defines health and physical education and their role within the school curriculum. Introduces past, present, and future issues with school-based health and physical education. Reviews the HPE program requirements and sequence, and initiates student portfolio project. Introduces fundamental pedagogical concepts and components including instructional strategies, developmentally appropriate practice, planning, managerial strategies and assessment. Observations in a variety of public school roles including administration, physical education and health classroom teaching is required. Assist teachers in facilitating lesson segments.

KINS 2511 Human Anatomy and Physiology I Laboratory
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
The laboratory component of the first course in a two semester sequence in which human anatomy and physiology are studied using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. The laboratory course is intended to provide students with hands on experiences that will enhance and reinforce the content of KINS 2531. The experiences will be structured to encourage critical thinking, understanding of scientific methodology and the application of scientific principles.

KINS 2512 Human Anatomy and Physiology II Laboratory
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
The laboratory component of the second course in a two semester sequence in which human anatomy and physiology are studied using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. The laboratory course is intended to provide students with hands on experiences that will enhance and reinforce the content of KINS 2531. The experiences will be structured to encourage critical thinking, understanding of scientific methodology, and the application of scientific principles.

KINS 2531 Human Anatomy and Physiology I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A two semester sequence in which human anatomy and physiology are studied using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. Course content includes: basic anatomical and directional terminology; fundamental concepts and principles of chemistry and cell biology; histology; the integumentary, skeletal, muscular, and somatic nervous systems and special senses.
Cross Listing(s): KINS 2531H.

KINS 2532 Human Anatomy and Physiology II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A two semester sequence in which human anatomy and physiology are studied using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. This course is a continuation of KINS 2531 and includes the endocrine system, autonomic nervous system, cardiovascular system, the lymphatic system and immunity, the respiratory system, the digestive system and metabolism, the urinary system, fluid/electrolyte and acid/base balance and the reproductive systems.
Prerequisite(s): A minimum grade of "C" in KINS 2531.

KINS 2533 Pathophysiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces abnormal physiological health transitions across the lifespan incorporating evidence-based interaction in professional practice. Disorders affecting cells, organs, and systems involved in the regulation of structure and function within the human organism are examined. How diseases affect the structures, functions, and systems of the human organism are explored. The influence of genetics, ethnicity, environment, and age are incorporated.
Prerequisite(s): A minimum grade of "C" in KINS 2512 and KINS 2532.
KINS 2535 Introduction to Exercise Science
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A career-based introduction to the field of Exercise Science and the Exercise Science major at Georgia Southern University. Students will explore resources that can enhance their academic and career goals. Students will also meet medical, health promotion and fitness professionals, as well as representatives from graduate schools, that can help them learn more career requirements and opportunities in these fields.

KINS 3125 Technology in Sport
2 Credit Hours. 1 Lecture Hour. 2 Lab Hours.
This course is designed to introduce coaching behavior students to existing technologies in sport and how those technologies can enhance sport performance.

KINS 3130 Research Methods in Kinesiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the student to fundamental principles underlying research methods in kinesiology. Included will be basic procedures for conducting experimental, descriptive, correlational, and qualitative research, computer applications, basic measurement concepts, statistical methods, critical thinking, and scholarly writing.
Prerequisite(s): KINS 2535 or permission of instructor.

KINS 3131 Biophysical Foundations of Human Movement
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Surveys biological systems and physical principles as applied to human movement and the relationship of these systems and principles to the development of the study of human movement.
Prerequisite(s): A minimum grade of "C" in KINS 2511 and KINS 2512 and KINS 2531 and KINS 2532.

KINS 3132 Foundations of Exercise and Sport Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the student to how individuals behave in physical activity settings. Psychological antecedents and consequences of primary and secondary involvement in exercise and sport will be explored.
Prerequisite(s): PSYC 1101.

KINS 3230 Motor Control, Coordination, and Skill
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on the nature of motor skill performance, motor skill learning, and the factors influencing motor skill acquisition.
Prerequisite(s): PSYC 1101 and a minimum grade of "C" in KINS 3131 or KINS 3541 and Permission of Instructor.

KINS 3231 Clinical Applications in Athletic Training I
2 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
This course provides the student with a supervised clinical experience in athletic training. Clinical assignment, clinical skill competencies and clinical proficiency evaluation are included in this course. Content of this course includes: therapeutic modality laboratory experience.
Prerequisite(s): A minimum grade of "C" in KINS 2322 and Athletic Training major status.

KINS 3232 Clinical Applications in Athletic Training II
2 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
This course provides the student with a supervised clinical experience in athletic training. Clinical assignment, clinical skill competencies and clinical proficiency evaluation are included in this course. Content of this course includes: abdominal injury and illness evaluation.
Prerequisite(s): A minimum grade of "C" in KINS 3221 and Athletic Training major status.

KINS 3330 Prevention of Injury and Illness in Athletic Training
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an introduction to the profession of athletic training. The student will be acquainted with the domains of athletic training. Emphasis will be based on basic emergency management as well as injury prevention including strength and conditioning, nutrition and supplements, environmental considerations and protective equipment.
Prerequisite(s): A minimum grade of "C" in HLTH 2120 and KINS 2511 and KINS 2512 and KINS 2531 and KINS 2532.

KINS 3331 Pathology and Care of Athletic Injury and Illness
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will emphasize the recognition of common athletic injuries and illness. Emphasis will be placed on pathology as well as mechanism, signs and symptoms, evaluation findings and basic management and/or referral of injuries and illness.
Prerequisite(s): A minimum grade of "C" in KINS 3330.

KINS 3426 Coaching Baseball and Softball
2 Credit Hours. 0.2 Lecture Hours. 0 Lab Hours.
Provides the prospective coach with the knowledge and understanding of basic skills, fundamentals, techniques, team organization, team strategy and conditioning in baseball and softball.

KINS 3427 Coaching Basketball
2 Credit Hours. 0.2 Lecture Hours. 0 Lab Hours.
Provides the prospective coach with the knowledge and understanding of basic skills, fundamentals, techniques, team organization, team strategy and conditioning in basketball.

KINS 3428 Coaching Football
2 Credit Hours. 1 Lecture Hour. 3 Lab Hours.
Provides the prospective coach with the knowledge and understanding of basic skills, fundamentals, techniques, team organization, team strategy and conditioning in football.

KINS 3429 Coaching Olympic Sports
2 Credit Hours. 1 Lecture Hour. 3 Lab Hours.
Provides the prospective coach with the knowledge and understanding of basic skills, fundamentals, techniques, team organization, team strategy, and conditioning in three of the following sports: golf, soccer, tennis, track and field, volleyball and other Olympic sports.

KINS 3430 Principles of Coaching
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the student to the sport science principles of coaching. Topics include philosophy, psychology, pedagogy, physiology, management, first aid and injury prevention. Successful completion of the course leads to certification by the National Federation Interscholastic Coaches Education Program.

KINS 3431 Psychology of Coaching
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides the prospective coach with the science and practice of various sport psychology principles as applied to coaching and athletic performance.

KINS 3432 Elementary Physical Education I
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Provides an introduction to a developmentally appropriate approach to teaching the elementary physical education content (gymnastics, games, and dance). Focus is on gymnastics and dance-like activities to build a movement foundation that encourages learners to resolve movement problems in unique ways. Balance, tumbling, movement exploration, whole and part body expression, and simple rhythms are the core to these learning activities. Students will be required to design and implement a variety of movement challenges for elementary learners.
Prerequisite(s): Admission into the Teacher Education Program in Health and Physical Education.
KINS 3433 Elementary Physical Education II
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Along with KINS 3432, it is designed to focus on a developmentally appropriate approach to teaching the foundations of movement to children. Focus is on dance and game-like activities to build a movement foundation that encourages learners to resolve movement problems and manipulate objects in unique ways. Movement exploration, whole and part body expression, rhythms, game creation, game variations, game strategies and game/cooperative skills are the core to these learning activities. Also emphasizes the inclusion of fitness concepts in the elementary curriculum. Students will be required to design and implement a variety of movement challenges for elementary learners.
Prerequisite(s): Admission into the Teacher Education Program in Health and Physical Education and a minimum grade of "C" or higher in KINS 3432.

KINS 3435 Motor Learning and Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Motor Learning and Development explains how motor development affects motor learning and provides a framework for establishing programs that facilitate skill acquisition for all learners. The course examines the development of movement skill in humans from infancy to old age and how differing motor, cognitive, and social abilities affect when, why, and how an individual learns motor skills. By providing a thorough understanding of the factors that drive the development of motor skills throughout the life span, Motor Learning and Development assists future physical educators and instructional designers in teaching movement skills to learners at any age and skill level.
Prerequisite(s): Admissions into Teacher Education Program in Health and Physical Education or Permission of Instructor.

KINS 3436 Performance and Technique in Physical Activity I
3 Credit Hours. 0.1 Lecture Hours. 0.4 Lab Hours.
Enhances the knowledge, skill, and understanding of activities and games pertinent to middle and high school physical education.
Prerequisite(s): Admission into the Teacher Education Program in Health and Physical Education.

KINS 3437 Performance and Technique in Physical Activity II
3 Credit Hours. 1 Lecture Hour. 4 Lab Hours.
Enhances the knowledge, skill, and understanding of dance, cooperative and adventure activities pertinent to middle and high school physical education. Identifies appropriate teaching sequences, assessment strategies, and developmentally appropriate modifications to enhance student learning. Reviews and analyzes "traditional" game and sports activities and concerns in regard to maximizing learning. Skill, strategy and conceptual transfer, across activities and games, will be identified to enhance learner skillfulness and adaptability. Content focus will be on traditional and non-traditional games and activities involving individual and group skills to diversify movement efficiency. Students will be required to design and implement a variety of movement challenges for middle and high school learners. Strategies for integrating fitness concepts into these activities will be addressed.
Prerequisite(s): Admission into the Teacher Education Program in Health and Physical Education.

KINS 3438 Principles of Personal Training
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
The objective of the class is to develop an understanding of the physiological mechanisms and basic skills necessary to evaluate healthy populations and prescribe exercise. Additionally, this class is set up as a means to prepare students to sit for the national personal trainer certification (NSCA-CPT).
Prerequisite(s): A minimum grade of "C" in KINS 3541.

KINS 3541 Structural Kinesiology
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
This course surveys biological systems and physical principles as applied to human movement and the relationship of these systems and principles to the development of the study of human movement.
Prerequisite(s): A minimum grade of "C" in KINS 2511 and KINS 2512 and KINS 2531 and KINS 2532.

KINS 3542 Physiological Aspects of Exercise
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Provides an in-depth perspective of physiological and biochemical responses of the human body when subjected to exercise.
Prerequisite(s): A minimum grade of "C" in KINS 2535, KINS 3130, KINS 3541 or permission of instructor.

KINS 3543 Biomechanical Analysis of Movement
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Focuses on the study of human motion through an examination of forces acting on the body and the effects produced by these forces.
Prerequisite(s): A minimum grade of "C" in KINS 3131 or KINS 3541 and PHYS 1111K.

KINS 4099 Selected Topics in Kinesiology
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Provides the student with an in-depth study of selected topics in kinesiology.
Prerequisite(s): Permission of Instructor.

KINS 4130 Administrative Principles in Kinesiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on the study of the processes of planning, organizing, directing and controlling the functioning of movement based professions (exercise science, athletic training).
Prerequisite(s): Senior status and school approval.

KINS 4131 Population Health Care Strategies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Overview of the levels of prevention, epidemiological principles and their impact on health promotion and disease prevention. A major focus is primary prevention relative to exercise/activity. Emphasis is placed on the clinical application of activity for improving health.
Prerequisite(s): Junior or Senior status or Permission of Instructor.

KINS 4231 Fitness Evaluation and Exercise Prescription
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
Provides the student with an in-depth study of fitness appraisal and exercise prescription and the development, interpretation, implementation and management of fitness programs.
Prerequisite(s): A minimum grade of "C" in HLTH 1520 or KINS 1525, KINS 3541, and KINS 3542 or Permission of Instructor and students must also provide proof of CPR/AED certification.

KINS 4330 Evaluation of Lower Extremity Injuries
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Presents principles and techniques in the clinical evaluation of athletic injuries and illnesses involving the lower extremities, thoracic/lumbar spine and gait analysis.
Prerequisite(s): A minimum grade of "C" in KINS 3331.
KINS 4331 Evaluation of Upper Extremity Injuries  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Principles and techniques in the clinical evaluation of athletic injuries and illnesses involving the upper extremities, head, face and cervical spine.  
Prerequisite(s): A minimum grade of "C" in KINS 4330.  
Corequisite(s): KINS 4333.

KINS 4332 Therapeutic Modalities in Athletic Training  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Introduces the student to the physiological effects associated with therapeutic modalities used in the treatment and rehabilitation of athletic injuries.  
Prerequisite(s): A minimum grade of "C" in PHYS 1112 and KINS 2511 and KINS 2512.  
Prerequisite(s): Completion of KINS 4430.

KINS 4333 Therapeutic Exercise and Rehabilitation  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Imparts knowledge pertaining to the physiological effects, indications, contraindications, and applications of therapeutic exercise in the rehabilitation of athletic injuries and illnesses.  
Prerequisite(s): A minimum grade of "C" in KINS 2511 and KINS 2512.  
Corequisite(s): KINS 4331.

KINS 4334 General Medical and Pharmacological Issues in Athletic Training  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course acquaints the student with general medical and pharmacological issues in the athletic population.  
Prerequisite(s): A minimum grade of "C" in CHEM 1146 or CHEM 1146H and KINS 3331.

KINS 4420 Sport Conditioning Laboratory  
2 Credit Hours. 0.2 Lecture Hours. 0 Lab Hours.  
Prepares students to undertake responsibilities in the areas of coaching, fitness programming and or related areas.

KINS 4421 Principles of Officiating  
2 Credit Hours. 1 Lecture Hour. 3 Lab Hours.  
Provides the prospective coach with the knowledge and understanding of principles and basic techniques of officiating selective sports.

KINS 4432 Adapted Physical Education  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This is an introductory course designed to provide students with the knowledge and basic skills required to meet the professional and legal mandates pertaining to physical education for individuals with disabilities.  
Prerequisite(s): A minimum grade of "B" in KINS 4440 and admission into the Teacher Education Program.  
Corequisite(s): KINS 4441.

KINS 4440 Instructional Design in Health and Physical Education for Elementary Students  
4 Credit Hours. 2 Lecture Hours. 4 Lab Hours.  
Develop skills and knowledge related to teaching physical education to young or beginning learners. Specifically the course will be oriented toward developing an understanding of the characteristics and needs of children, appropriate curriculum content in elementary school physical education and effective teaching skills for elementary school physical education. To the extent possible, the majority of the course will be conducted in elementary schools, providing continuous opportunities to observe, plan for, teach and evaluate teaching physical education lessons on a regular basis.

KINS 4441 Instructional Design in Health and Physical Education for Middle and High School Students  
4 Credit Hours. 4 Lecture Hours. 0 Lab Hours.  
Develops instructional skills in planning, teaching and evaluating psychomotor, cognitive and affective learning in large group settings. The emphasis will be on intermediate level learning about current health issues and health related fitness at the high school level, and game/sport, dance, and fitness activities at the middle and high school levels. Specifically the course will be oriented toward developing an understanding of the characteristics of youths in both middle school and high school, appropriate curriculum content in middle school physical education, appropriate curriculum content in high school health education, and effective teaching skills for middle school physical education and high school health education.  
Prerequisite(s): Completion of KINS 4430.

KINS 4618 Senior Seminar in Athletic Training  
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.  
This course provides senior level athletic training students with a colloquium in which to discuss current athletic training issues and topics. Emphasis will be placed on professional responsibility, as well as ethical practice, and rules and regulations that govern the practice of athletic training. Course also includes: employment opportunities, professional development and continuing education.

KINS 4637 Senior Seminar in Health and Physical Education  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course is intended to provide senior level health and physical education majors with a colloquium in which to discuss job search strategies, trends and current issues in the profession, certification issues in education, student teaching responsibilities, and advocacy strategies for promoting the profession. This course is taken simultaneously with the student teaching experience.  
Prerequisite(s): Admission into the Teacher Education Program.

KINS 4721 Clinical Practicum in Athletic Training I  
2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
This course provides the student with a supervised clinical experience in athletic training. Clinical assignment, clinical skill competencies and clinical proficiency evaluation are included in this course. Content of this course includes: advanced techniques in manual muscle testing, goniometric measurements and orthotic fabrication.  
Prerequisite(s): A minimum grade of "C" in KINS 3322 and Athletic Training major status.

KINS 4722 Clinical Practicum in Athletic Training II  
2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
This course provides the student with a supervised clinical experience in athletic training. Clinical assignment, clinical skill competencies and clinical proficiency evaluation are included in this course. Content of this course includes: research methods, professional presentations and athletic training administration.  
Prerequisite(s): A minimum grade of "C" in KINS 4721 and Athletic Training major status.

KINS 4730 Coaching Practicum  
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Provides the student with supervised coaching experience in a sport.  
Prerequisite(s): Beginning coaching course in sport or Permission of Instructor.

KINS 4735 Practicum in Exercise Science  
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Offers the student the opportunity to participate in appropriate laboratory techniques and practices within the biophysical and behavioral domains of exercise science.  
Prerequisite(s): Permission of Exercise Science Program Coordinator.
KINS 4799 Internship in Exercise Science
3-12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides the senior level Exercise Science major student with a practical experience in an appropriate exercise setting.
Prerequisite(s): Total institution GPA of 2.0 or better, and completed all core curriculum and major degree requirements, earning a grade of "C" in all courses in Area F and within the major requirements, including within selected track.

KINS 4899 Directed Individual Study
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor.
Prerequisite(s): Permission of Instructor.

KINS 4999 Senior Thesis
6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides the student with a capstone experience focusing on designing and conducting an original research project or assisting a faculty mentor in ongoing research.
Prerequisite(s): 3.0 GPA and Permission of Exercise Science Program Coordinator.

LAST Latin American Studies

LAST 3090 Selected Topics in Latin America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed to provide intensive study of an area relating to the geography, history, culture and/or civilization of Latin America.

LAST 3133 Latin American Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the major domestic and international factors in comparative Latin American political systems. Special attention and detail is given to the challenges of development and democratization.
Cross Listing(s): POLS 3133.

LAST 3537 Colonial Latin America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A political, social, and economic survey of Latin America from its pre-Columbia era to its struggles for independence.
Cross Listing(s): HIST 3537, INTS 3537.

LAST 3538 Modern Latin America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A political, social, and economic survey of Latin America from independence to the present.
Cross Listing(s): HIST 3538, INTS 3538.

LAST 4135 Mesoamerican Archeology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the prehistoric cultures of Central America beginning with the Paleoindians and culminating with the Aztec and Maya. Materials covered include the art, iconography, architecture, religion, economy, social and political organization of the Olmec, Mixtec, Aztec, Toltec, Totanec, Maya, and Huastec Civilizations.
Prerequisite(s): A minimum grade of "C" in ANTH 1102.
Cross Listing(s): ANTH 4135.

LAST 4232 Geography of Latin America
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of the physical, cultural and economic geography of Latin America, including Mexico.
Cross Listing(s): GEOG 4232.

LAST 4890 Seminar in Latin American Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The Seminar in Latin American Studies, which must be taken as the final 3 hour course in the 15 hour block required for the minor in Latin American Studies, is designed to permit interdisciplinary engagement and individualized specialization so that the student can intensify his or her studies of Latin American topics disciplines other than the major.
Prerequisite(s): Department approval.

LATN Latin

LATN 1001 Elementary Latin I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the Latin language: pronunciation, fundamentals of grammar, reading, and translation.

LATN 2001 Intermediate Latin I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Beginning series of reading in Roman authors with emphasis on prose. Elements of grammar will also be reviewed. Discussion of Roman history and culture.
Prerequisite(s): A minimum grade of "C" in LATN 1002.

LATN 2002 Intermediate Latin II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continued reading of Roman authors with emphasis on poetry.
Prerequisite(s): Minimum grade of "C" in LATN 2001.

LATN 2060 Accelerated Intermediate Latin
6 Credit Hours. 6 Lecture Hours. 0 Lab Hours.
An accelerated introduction to the Latin language: pronunciation, fundamentals of grammar, reading, and translation.

LATN 3000 Readings In Latin I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Readings from the 2000 years of Latinity from Plautus to the recent encycicals.
Prerequisite(s): Completion of LATN 2002.

LATN 3010 Readings In Latin II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Readings in Latin poetry and may include Horace, Catullus, Ovid, Propertius, and Tibullus.
Prerequisite(s): Completion of LATN 3000.

LATN 3020 Ovid
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Readings from the Metamorphoses with emphasis on familiar mythology and other selected works.
Prerequisite(s): Completion of LATN 2001.

LATN 3030 Selected Topics in Latin
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Study of a topic in Latin literature, culture, society, thought or language not included in the regular offering. May be repeated for credit provided a new topic is studied.
Prerequisite(s): A minimum grade of "C" in LATN 2002 or LATN 2060.
LEAD 2031  Principles of Leadership
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The Principles of Leadership course will prepare students for leadership roles in the community and in their professions. The course will provide students with the knowledge, skills, and foundation in Leadership necessary to be effective in a variety of settings. Students will develop an understanding of the components that make leadership successful. Students will gain both the theoretical and practical skills necessary for success in both their personal and professional lives. It is intended for students who are interested in gaining a foundation in leadership studies and extended coursework in applied aspects of Leadership.
Prerequisite(s): A minimum grade of "C" in ENGL 1101 or WRIT 1101.

LEAD 2030  Roman Women
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Study of the role of women in the ancient Roman world. Emphasis on their influence within the political, economic, social, religious, and intellectual life of Rome. Examination of the Roman world through the eyes of ancient Roman women from different historical periods and social status.
Prerequisite(s): A minimum grade of "C" in LATN 2002 or LATN 2060.

Cross Listing(s): WGST 3330.

LATN 3960  Latin Language/Culture In Rome
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Composition outside of class and travel to cultural sites.
Prerequisite(s): Completion of LATN 2001.

LATN 4010  Vergil
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Readings from the Aeneid with emphasis on Books II, IV, VI, and VIII, and other selected works.
Prerequisite(s): Completion of LATN 4010.

LATN 4890  Directed Study in Latin
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.
Concentrated study of a topic in Latin literature, culture, society, thought or language. May be repeated for credit provided a new topic is studied.
Prerequisite(s): A minimum grade of "C" in LATN 2002 or LATN 2060.

LATN 3131  Latin Authors
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Concentrated study of the works of one or more Latin authors. Themes in the literature will be studied with emphasis placed on the cultural and historical significance of the written work and its author. May be repeated for credit provided a new topic is studied.
Prerequisite(s): A minimum grade of "C" in LATN 2002 or LATN 2060.

LATN 3330  Roman Women
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Study of the role of women in the ancient Roman world. Emphasis on their influence within the political, economic, social, religious, and intellectual life of Rome. Examination of the Roman world through the eyes of ancient Roman women from different historical periods and social status.
Prerequisite(s): A minimum grade of "C" in LATN 2002 or LATN 2060.

Cross Listing(s): WGST 3330.

LEAD Leadership

LEAD 1000  Self-Leadership
0 Credit Hours.  1 Lecture Hour.  0 Lab Hours.
Character is shaped by personal core values. Effective leaders understand their values and live and lead from those values. In this course, you will explore and develop your core values as you begin your leadership journey. Then, you will learn to rely on your core values to guide your decision-making as you develop your personal leadership style and your skills as a leader.

LEAD 1001  Intro To Leadership Studies
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.
A concept based approach to the interdisciplinary field of leadership studies.

LEAD 2000  Collaborative Leadership
0 Credit Hours.  1 Lecture Hour.  0 Lab Hours.
From a foundation of group dynamics, students will explore team roles, active followership, conflict resolution, and communication. The focal concept for the course will be team building and team leadership.

LEAD 2031  Principles of Leadership
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The Principles of Leadership course will prepare students for leadership roles in the community and in their professions. The course will provide students with the knowledge, skills, and foundation in Leadership necessary to be effective in a variety of settings. Students will develop an understanding of the components that make leadership successful. Students will gain both the theoretical and practical skills necessary for success in both their personal and professional lives. It is intended for students who are interested in gaining a foundation in leadership studies and extended coursework in applied aspects of Leadership.
Prerequisite(s): A minimum grade of "C" in ENGL 1101 or WRIT 1101.

LEAD 2100  Rethinking Community Leadership
0 Credit Hours.  1 Lecture Hour.  0 Lab Hours.
Students will learn to use a critical lens to familiarize themselves with social issues and concepts that influence their ability to facilitate, embrace, engage, and lead within community. Discussions will encompass the complex and often messy concept of community while identifying convictions that influence leadership and structure through an exploration of the larger concept of community engagement. Consideration of historical context and its influences on the lived experience of community will provide students the opportunity to wrestle with the complexity of social issues and how to effectively exercise leadership in the midst of such issues.

LEAD 3000  Rethinking Community Leadership
0 Credit Hours.  1 Lecture Hour.  0 Lab Hours.
Students will learn to use a critical lens to familiarize themselves with social issues and concepts that influence their ability to facilitate, embrace, engage, and lead within community. Discussions will encompass the complex and often messy concept of community while identifying convictions that influence leadership and structure through an exploration of the larger concept of community engagement. Consideration of historical context and its influences on the lived experience of community will provide students the opportunity to wrestle with the complexity of social issues and how to effectively exercise leadership in the midst of such issues.

LEAD 3500  Leadership in the Workplace
0 Credit Hours.  1 Lecture Hour.  0 Lab Hours.
Students will become aware of and develop their emotional intelligence skill sets. Each participant will receive a personalized curriculum of activities to guide the practice and development of emotional intelligence. Topics considered will self-perception, self-expression, development of empathy and social responsibility, decision making, and stress management. All students must participate in an internship experience at the time of the seminar and registration for the course is contingent on instructor approval.

LEAD 3900  ResEd Leadership Development
0 Credit Hours.  1 Lecture Hour.  0 Lab Hours.
Students will learn about the three primary leadership skill areas for serving as an effective Community Leader: peer helping skills (active listening, mediation, conflict management), multicultural competence and building inclusive communities.

LEAD 4131  The Practice of Leadership
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course examines modern theoretical frameworks of leadership and helps students to develop practical competencies for use in navigating leadership opportunities and challenges. The cornerstone of the course will be a semester-long experiential group project in which students will combine their leadership learning and disciplinary expertise to address a leadership challenge in the local community with a focus on increasing their capacity to exercise leadership.
Prerequisite(s): A minimum grade of "C" in LEAD 2031.

LESP Learning Support

LESP 3090  Selected Topics in Learn Suppt
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.

LING Linguistics

LING 2090  Selected Topics in Writing and Linguistics
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.
Introduces students to one or more topics preliminary to study of more specialized areas of Writing and Linguistics.
Cross Listing(s): WRIT 2090.
LING 2230 Introduction to Language
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A general introduction to the nature and structure of language and its role in society.

LING 2430 Essential Grammar for Successful Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Offers study and analysis of grammar, punctuation, and rules of writing used in both academics and the professions. Challenges students to understand the evolving and situational nature of language, and how its grammatical structures vary and change.
Cross Listing(s): WRIT 2430.

LING 3030 Selected Topics in Linguistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Offers varied courses in specialized areas of the field of linguistics.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

LING 3031 Phonology: Introduction to Sound Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An in-depth introduction to sounds and sound structures within formal grammar. Relation of basic units of sound structure to major components of linguistics including syntax, morphology, and semantics. Reading and discussion of trends in phonological theory and hands-on development of practical skills including IPA transcription, field techniques, and digital speech analysis.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

LING 3032 Syntax: Introduction to Structures of Sentences
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A broad introduction to syntactic theory within historical and contemporary approaches to language and linguistic representation. Exploration of data from English and other languages as a systematic structure drawing on syntactic theories. Students learn to construct and evaluate hypotheses about how sentence structure work and build syntax models.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

LING 3333 Language, Power, Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An in-depth investigation of the role of language in national and international power structures. Comparative evaluation of language in social organization of politics, economic policy and law as aggregated by race, culture, ethnicity, class, group ideology and gender. Emphasis on social policy management and minority/linguistic rights.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

LING 3334 Language and Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A critical examination of language as a problem-solving device and tool for understanding argument and legal contestation. Delineation of individual rights, institutional authority and legal jurisdiction with emphasis on language and legal power. Analysis of the sociology of language and law within the concepts of human rights and socio-political entitlements.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): POLS 3338.

LING 3335 Language and Grammar for Teachers
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course aims to introduce the pedagogy of English grammar, and is grounded in real pedagogical examples. Through lecture, workshops, and projects about writing, students will develop strategies for teaching grammar and usage in order to effectively teach basic grammatical, mechanical, and usage concepts.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

LING 3520 Revision, Grammar and Culture
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores theories of grammar and the recursive nature of writing; offers strategies for revision; surveys the social forces underlying the standardization of writing, including academic writing, and the processes of language change.
Prerequisite(s): A minimum grade of "C" in ENGL 1101 and ENGL 1102.
Cross Listing(s): WRIT 3520.

LING 3533 Introduction to Language
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A general introduction to the nature and structure of language and its role in society.

LING 3534 Psychology of Language
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction focusing on the psychological mechanisms underlying the acquisition and use of language from cognitive and social psychological perspectives.
Prerequisite(s): A minimum grade of "C" in PSYC 1101 or LING 3533 or LING 3630.
Cross Listing(s): PSYC 3534.

LING 3630 Language and Linguistic Theory
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Critical overview, examination and evaluation of influential theories in linguistics and their insight on language. Application of basic principles of linguistic theorizing to issues of language structure and understanding.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

LING 4230 Second Language Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to current pedagogical and research issues in second language (L2) writing development and instruction.
Prerequisite(s): A minimum grade of "C" in LING 3630.

LING 4231 Corpus Linguistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces the use of corpora and corpus tools for different types of linguistic analysis in the study of language and writing.
Prerequisite(s): A minimum grade of "C" in LING 3630.

LING 4333 Semantics: Introduction to Linguistic Meaning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on language analysis applied to practical problems of communication in contemporary society. Offers systematic examination of how meaning is encoded in words and sentences and how it is shaped by context.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): COMS 4333.

LING 4430 Computer-Assisted Language Learning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course offers an introduction of computer-assisted language learning (CALL), and provides students with hands-on experience in pedagogical applications of computers, including using and evaluating software and internet resources.
Prerequisite(s): A minimum grade of "C" in LING 3630.

LING 4432 Language Assessment
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course identifies traditions and foundations of instruments and explores their dimensions in the assessment of English language learners and ESL/EFL students. It examines formal and informal assessment tools and practices that are used to support the learning of English language learners in various settings.
Prerequisite(s): A minimum grade of "C" in LING 3630.
LOGT 4030 Special Topics in Logistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A customized course that allows students to pursue further study in a specific logistics topic at the frontier of an area of research or a contemporary topic related to current real-world events.
Prerequisite(s): A minimum grade of "C" in LOGT 2232 and LOGT 3232.

LOGT 4231 Logistics and Intermodal Transportation Operations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to provide students with knowledge of the elements necessary to efficiently and effectively plan, implement, manage, and improve market-responsive logistics and supply chain management, in both national and international contexts. Course coverage includes transportation operations by mode (motor carrier, rail, air, and ocean), port operations, modal route and lane analysis, logistics network design and analysis, logistics service design, distribution management, customer (shippers) cost-to-serve analysis, intermodal supply chain operations, and supply chain performance-enabling logistics technology. Emphasis is placed on the application of these logistics and intermodal supply chain principles in practice and their utilization in decision-making that impact supply chain performance.
Prerequisite(s): A minimum grade of "C" in LOGT 2232.

LOGT 4232 International Supply Chain Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This class examines the role of global supply chain strategy and operations in supporting international trade. This includes strategic development of plan and deliver processes associated with distributing and delivering products and services across international borders. Also covered are issues in management of ocean shipping, import and export processes, and roles of international agents and freight forwarders.
Prerequisite(s): A minimum grade of "C" in LOGT 3232.

LOGT 4233 Logistics Executive in Residence
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A capstone, integrative, case course in logistics and transportation strategy. Students participate in an Executive in Residence program that provides interaction with top-level logistics and transportation executives.
Prerequisite(s): A minimum grade of "C" in LOGT 4231 or LOGT 4232.

LOGT 4234 Analytical Tools in Logistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an examination of the principle analytical tools and methods used in logistics and transportation, including the application of analytical tools to strategic, tactical, and operational supply chain problems. Students will be required to demonstrate the ability to understand the fundamentals of the field and to stretch this understanding to comprehend the intricate processes needed by logistical and transportation managers.
Prerequisite(s): A minimum grade of "C" in LOGT 2232 and LOGT 3232.
Corequisite(s): LOGT 4231.
LOGT 4263 Logistics and Intermodal Transportation Capstone
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Intermodal transportation requires managing workers, suppliers, customer relationships, and risk. Using directed readings, cases, and company projects students will examine issues related to: lane management; workforce, facility and fleet management; sub-contracting; and capital investment.
Prerequisite(s): A minimum grade of "C" in all of the following: LOGT 4231 and LOGT 4232.

LOGT 4790 Internship in Logistics
3-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A supervised work-study program in selected logistics and intermodal transportation companies. Students will be permitted to undertake internships only after review of academic qualifications and with firms per-approval by the faculty.
Prerequisite(s): LOGT 2232 or LOGT 3232.

LOGT 4830 Special Problems in Logistics
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A senior level course that allows LOGT majors to pursue an intensive study of a specific topic or emerging area of transportation and logistics to be developed by the instructor.
Prerequisite(s): LOGT 2232 and LOGT 3232.

LOGT 4890 Directed Study in Logistics and Intermodal Transportation
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Independent study and research in selected areas of Logistics and Intermodal Transportation under supervision of a member of the LOGT faculty.

LSTD 2016 Legal Environment of Business
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to give students a working knowledge of important legal concepts that affect the rights and responsibilities of American business persons and organizations. The course covers legal topics such as Constitutional law, torts, contracts, agency, and employment law matters. Students will develop an understanding and appreciation for the interrelationship between ethics, law, and business decision-making, as well as an understanding of the foundation of the legal system as it relates to business, including knowledge of the various court systems, phases of litigation, and alternative dispute resolution processes.
Prerequisite(s): A minimum grade of "C" in ENGL 1101 or WRIT 1101.

LSTD 3130 International Trade Regulation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course presents fundamentals of international trade operations, providing students with the experience of regulatory compliance while conducting the business of exporting.

LSTD 3230 Building Construction Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the legal concepts, statutes and regulations governing the building and construction industry, including the legal framework of contract law, construction financing, property rights zoning, lien, bonding, liability, competitive bidding, dispute resolution theories and relevant/ current development of government and regulation of the building construction industry.

LSTD 3630 White Collar Crime
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fraud-fighting professionals must understand the laws governing a fraud investigation as it moves through the U.S. legal system. This course examines the US criminal justice system along with its response to the escalating incidence of white-collar crime.
Prerequisite(s): Junior Status.

LSTD 4334 Employment Law and Legislative Compliance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An overview of the current issues in the work environment related to the job selection process, equal employment opportunity, and the rights of workers in the market.
Prerequisite(s): A minimum grade of "C" in MGNT 3130.
Cross Listing(s): MGNT 4334.

LSTD 4633 Forensic Interviews and Interrogations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the distinctions between interviews and interrogations and how each can be used in resolving criminal or civil allegations. Other topics to be explored include the verbal and nonverbal cues indicating truth or deception, preparation of interview memoranda, and obtaining and preparing legally-admissible admission statements.
Prerequisite(s): Completion of a minimum of 45 semester hours.

LSTD 4830 Special Problems in Legal Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A customized course that is under the direction of a faculty sponsor. The course is designed to offer students an opportunity to pursue studies at a level or on topics not covered in scheduled courses. The scope and nature of the material covered is determined in consultation with faculty sponsor.

LSTD 4890 Directed Study in Legal Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed for independent study and research in selected areas of legal studies under faculty supervision.

LWSO Law and Society

LWSO 2000 Intro to Law and Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Exposure to and readings in social and governmental issues focused on their interaction with the American legal system.
Prerequisite(s): A minimum grade of "C" in ANTH 1102, CRJU 1100, SOCI 1101, POLS 1150, or POLS 2101.

LWSO 3990 Special Topics in Law and Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Topics and issues not available in other courses. May be repeated as topic vary.

LWSO 4620 Internship
1-6 Credit Hours. 0-18 Lecture Hours. 0-18 Lab Hours.
Open to juniors or seniors. Field experience in a law firm or law-related agencies. Joint supervision by program coordinator and law firm or law-agency official.

MATH Mathematics

MATH 0997 Support for Quantitative Reasoning
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1001 – Quantitative Reasoning. Topics will parallel topics being studied in MATH 1001 and the course will provide support for 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.
Corequisite(s): MATH 1001.
MATH 0998  Support for Mathematical Modeling  
2 Credit Hours.  0 Lecture Hours.  2 Lab Hours.  
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1101 – Introduction to Mathematical Modeling. Topics will parallel topics being studied in MATH 1101 and the course will provide support for essential quantitative skills needed to be successful in MATH 1101. Taken with MATH 1101, 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 communication of quantitative concepts and results.  
Corequisite(s): MATH 1101.  

MATH 0999  Support for College Algebra  
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.  
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1111 – College Algebra. Topics will parallel topics being studied in MATH 1111 and the course will provide support for 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(s): MATH 1111.  

MATH 1001  Quantitative Reasoning  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Emphasis on processing information via models by conducting assumption validity, applicability and suitability checks, executing appropriate calculations to do forecasts and arrive at logical decisions. Will rely on examples to illustrate use of mathematics in real world situations. This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take precalculus or the calculus sequences for mathematics and science majors.  

MATH 1001M  Quant Skill & Reasoning by WC  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  

MATH 1101  Introduction to Mathematical Modeling  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. The investigation and analysis of applied problems and questions, and effective communication of quantitative concepts and results. Topics include linear, quadratic, polynomial, exponential and logarithmic models of real-world phenomena.  
Prerequisite(s): Two years of high school algebra or equivalent.  

MATH 1111  College Algebra  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
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.  
Prerequisite(s): Two years of high school algebra or equivalent.  

MATH 1112  College Trigonometry  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
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.  
Prerequisite(s): A minimum grade of "C" in MATH 1111. 

MATH 1113  Pre-Calculus Mathematics  
3,4 Credit Hours.  3,4 Lecture Hours.  0 Lab Hours.  
This course is an intensive study of the basic functions needed for the study of calculus. Topics include algebraic, functional, and graphical techniques for solving problems with algebraic, exponential, logarithmic, and trigonometric functions and their inverses.  
Prerequisite(s): MATH 1111 with a minimum grade of "C".  

MATH 1113M  Pre-Calculus Math by WC  
4 Credit Hours.  4 Lecture Hours.  0 Lab Hours.  
Designed to prepare students for calculus, physics, and related technical subjects. Topics include an intensive study of algebraic, trigonometric, logarithmic, and exponential functions accompanied by analytical geometry.  

MATH 1232  Survey of Calculus  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Covers the fundamental elements of differential and integral calculus of algebraic, logarithmic and exponential functions. Topics include a brief review of algebraic principles, limits, derivatives and integrals. Appropriate technology will be incorporated throughout the course.  
Prerequisite(s): A minimum grade of "C" in MATH 1101 or MATH 1111 or MATH 1113 or MATH 1112.  

MATH 1401  Intro to Statistics  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The course is a course in basic statistics. Topics include descriptive statistics, probability, distributions, hypothesis testing, inferences, correlation, and regression.  
Prerequisite(s): A minimum grade of "C" in MATH 1101 or MATH 1111.  

MATH 1441  Calculus I  
4 Credit Hours.  0,4 Lecture Hours.  0,1 Lab Hours.  
This is the first of a sequence of courses which present a unified treatment of the differential and integral calculus. Topics include: limits, continuity, differentiation and integration, applications of the derivative and the integral.  
Prerequisite(s): A minimum grade of "C" in MATH 1101 or MATH 1113.  

MATH 1501  Calculus I  
4 Credit Hours.  0,4 Lecture Hours.  0,1 Lab Hours.  
Topics to include functions, limits, continuity, the derivative, antiderivation, the definite integral, and applications.  
Prerequisite(s): MATH 1112 or MATH 1113.  

MATH 2008  Foundations of Numbers and Operations  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is an Area F introductory 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. This course is also part of the program of study for middle grade majors.  
Prerequisite(s): A minimum grade of "C" in MATH 1112 or MATH 1113.  

MATH 2010  Problem Solving for K-8 Teachers  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Students will learn, integrate and apply a variety of problem solving strategies to a range of mathematical problems from algebra, pre-calculus, and calculus. Students will learn, integrate and apply appropriate technology as a tool in the problem solving process. Designed for early childhood and middle grade majors.  
Prerequisite(s): A minimum grade of "C" in MATH 1112 and MATH 3032.
MATH 2130 Discrete Mathematics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Covers important discrete mathematical objects such as sets, relations
and functions, graphs and trees. An introduction to mathematical logic
and reasoning, and the concept of an algorithm and its complexity will be
covered.
Prerequisite(s): Prior or concurrent enrollment in MATH 1232, or a
minimum grade of "C" in MATH 1111 or MATH 1112 or MATH 1113 or
MATH 1441 or MATH 2242.
MATH 2160 Linear Algebra
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Linear systems and matrices; vector spaces; linear independence, rank of
a matrix; linear transformations; determinants; introduction to eigenvalues
and eigenvectors; diagonalization; applications.
Prerequisite(s): A minimum grade of "C" in MATH 2242.
MATH 2242 Calculus II
4 Credit Hours. 4 Lecture Hours. 1 Lab Hour.
Techniques and applications of integration; transcendental functions;
indeterminate forms; improper integrals; parametric equations and polar
coordinates; sequences and series; Taylor's theorem.
Prerequisite(s): A minimum grade of "C" in either MATH 1441 or MATH
1501.
MATH 2243 Calculus III
4 Credit Hours. 4 Lecture Hours. 0 Lab Hours.
Vectors, curves, and surfaces; partial differentiation; multiple integrals;
curve integrals and surface integrals; the theorem of Green and Stokes;
the Divergence Theorem; introduction to differential equations.
Prerequisite(s): A minimum grade of "C" in MATH 2242.
MATH 2332 Mathematical Structures
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Topics include mathematical logic, methods of proofs, induction, set
theory, relations, and functions. The course is primarily intended for
mathematics and mathematics education majors as a first course in
studying proof techniques and foundations of mathematics.
Prerequisite(s): A minimum grade of "C" in MATH 2242.
MATH 2430 Computing Techniques
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamentals of numerical methods and development of programming
techniques with implementation in the computer solution of problems in
engineering.
Prerequisite(s): CSCI 1301 or ENGR 1731 or MATH 2242 or PHYS
2211K.
Corequisite(s): MATH 3230.
MATH 3032 Foundations of Data Analysis and Geometry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of basic probability, statistics and geometry, including two and
three dimensional shapes and triangle congruenced similarity. For Early
Childhood and Middle Grade majors only.
Prerequisite(s): A minimum grade of "C" in MATH 2008.
MATH 3230 Ordinary Differential Equations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The study of differential equations involving functions of one variable.
Topics include: linear and non-linear differential equations, initial value
problems, existence and uniqueness theorems, systems of differential
equations, stability, computational methods and Laplace transform
methods.
Prerequisite(s): A minimum grade of "C" in MATH 2242.
MATH 3337 Probability
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to probability, random variables and discrete and
continuous probability distributions for students in mathematics,
engineering and the sciences including the social sciences and
management science.
Prerequisite(s): A minimum grade of "C" in MATH 2242 or MATH
2242H.
MATH 3360 Modern Geometry
3 Credit Hours. 2 Lecture Hours. 1 Lab Hour.
An axiomatic approach to the fundamental ideas of Euclidean geometry,
including congruence, similarities, circles, elementary transformations and
constructions. An examination of non-Euclidean geometries.
Prerequisite(s): MATH 2332.
MATH 3932 Math Reasoning/Representations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
a laboratory approach to the study of mathematics. Topics include
methods of reasoning and proof; algebraic structures; conceptual
consideration of functions; regression; recursion; proportional reasoning;
analytic and transformational geometry; and rational, integer, and real
number arithmetic.
Prerequisite(s): MATH 1441.
MATH 4000 Putnam Semina
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
A study of topics related to a career in management science.
Prerequisite(s): MATH 2243.
MATH 4200 Actuarial Science Seminar
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
A study of topics related to a career in actuarial science.
Prerequisite(s): MATH 3337 and STAT 5330.
MATH 4400 Operations Research Seminar
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
A study of topics related to a career in operations research.
Prerequisite(s): MATH 5330.
MATH 4630 Game Theory
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to introduce students to the foundations of game
theory and its applications. Students will use reasoning skills to deal with
concepts of games, networks, economic development, and warfare.
Prerequisite(s): A minimum grade of "C" in MATH 2160 and MATH
2130 or MATH 2104.
MATH 4825 Honors Research Honors Research Honors Research
2 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
An introduction to probability, random variables and discrete and
continuous probability distributions for students in mathematics,
engineering and the sciences including the social sciences and
management science.
Prerequisite(s): A minimum grade of "C" in MATH 2242 or MATH
2242H.
MATH 4830 Modern Geometry
3 Credit Hours. 2 Lecture Hours. 1 Lab Hour.
An axiomatic approach to the fundamental ideas of Euclidean geometry,
including congruence, similarities, circles, elementary transformations and
constructions. An examination of non-Euclidean geometries.
Prerequisite(s): MATH 2332.
MATH 4920 Undergraduate Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of topics related to a career in management science.
Prerequisite(s): MATH 2243.
MATH 4930 Undergraduate Seminar Honors Research Honors Research Honors Research
2 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
A study of topics related to a career in management science.
Prerequisite(s): MATH 2243.
MATH 4929 Honors Thesis
2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Written and oral presentation of results of research conducted in MATH 4825H (Honors Research). Honors thesis must follow the guidelines adopted by the University Honors Program. This course is required for mathematics majors in the University Honors Program.
Prerequisite(s): Junior level or above and good standing in the University Honors Program.
MATH 4930 Senior Research Project
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Main objective of this course is to engage senior undergraduate students in mathematical, statistical or computer science research and writing.
Prerequisite(s): Students must have at least 15 credit hours of upper level mathematics, statistics and/or computer science.
MATH 4961 Internship in Mathematics
3 Credit Hours. 0-1 Lecture Hours. 6-9 Lab Hours.
Experience in a variety of mathematical applications suited to the educational and professional aspirations of the student, under the direction of faculty and appropriate off-campus supervisory personnel. Open to transient students only with the permission of the department chair.
MATH 4962 Internship in Mathematics
3 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
Experience in a variety of mathematical applications suited to the educational and professional aspirations of the student, under the direction of faculty and appropriate off-campus supervisory personnel. Open to transient students only with the permission of the department chair.
MATH 4963 Internship in Mathematics
3 Credit Hours. 0 Lecture Hours. 6 Lab Hours.
Experience in a variety of mathematical applications suited to the educational and professional aspirations of the student, under the direction of faculty and appropriate off-campus supervisory personnel. Open to transient students only with the permission of the department chair.
MATH 5090 Selected Topics in Mathematics
1-3 Credit Hours. 1-3 Lecture Hours. 0-2 Lab Hours.
Specialized study in a selected area of Mathematics. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.
Prerequisite(s): Permission of instructor required.
Cross Listing(s): MATH 5090G.
MATH 5130 Statistics and Probability for K-8 Teachers
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An in-depth study of topics in statistics, such as sampling and data analysis, and probability, such as counting methods, odds, and expected value. For Early Childhood and Middle Grade majors only.
Prerequisite(s): A minimum grade of "C" in MATH 3032.
Cross Listing(s): MATH 5130G.
MATH 5135 Algebraic Connections for K-8 Teachers
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The evolution of algebraic concepts through the curriculum will be followed by how algebra is related to other areas of mathematics and real-world applications. For Early Childhood and Middle Grade majors only.
Prerequisite(s): A minimum grade of "C" in MATH 3032.
Cross Listing(s): MATH 5135G.
MATH 5136 History of Mathematics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the historical development of mathematics. The emphasis will be on mathematical concepts, problem solving, and pedagogy from a historical perspective.
Prerequisite(s): A minimum grade of "C" in MATH 2242.
Cross Listing(s): MATH 5136G.
MATH 5137 Geometry for K-8 Teachers
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A continuation of the study of geometry from MATH 3032. Focus will be on two and three dimensional geometry. Motion geometry and tessellations will also be covered. For Early Childhood and Middle Grade majors only.
Prerequisite(s): A minimum grade of "C" in MATH 3032.
Cross Listing(s): MATH 5137G.
MATH 5230 Advanced Geometry
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected topics from Euclidean and Non-Euclidean Geometry. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.
Prerequisite(s): A minimum grade of "C" in MATH 3130 or one year of teaching high school mathematics.
Cross Listing(s): MATH 5230G.
MATH 5234 Number Theory
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the principal ideas of elementary number theory: Divisibility, congruencies, linear Diophantine Equations, Fermat's Theorem, Euler's Theorem, Pythagorean triples and the distribution of primes. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.
Prerequisite(s): A minimum grade of "C" in MATH 2332.
Cross Listing(s): MATH 5234G.
MATH 5236 Patterns of Problem Solving
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of patterns involved in solving problems. Particular attention is paid to Polya's heuristics and his characterization of the problem solving process. The student will also solve many problems. The application of these techniques by mathematics teachers will be stressed.
Prerequisite(s): A minimum grade of "C" in MATH 1441 or permission of instructor.
Cross Listing(s): MATH 5236G.
MATH 5251 Combinatorics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Counting principles such as permutations, combinations, derangements, pigeonhole, and inclusion/exclusion; partitions; generating functions; recurrence relations; applications from graph theory and applied algebra.
Prerequisite(s): MATH 2332.
Cross Listing(s): MATH 5251G.
MATH 5330 Operations Research
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to basic deterministic and probabilistic operations research models of decision problems. Mathematical methods of optimization for these models will be analyzed both analytically and numerically.
Prerequisite(s): A minimum grade of "C" in MATH 3337.
Cross Listing(s): MATH 5330G.
MATH 5331 Analysis I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides a transition from calculus to real analysis. Emphasis will be placed on understanding and constructing mathematical proofs. Rigorous development of fundamental concepts in analysis, including topics such as relations, functions, limits of functions, cardinality, topology of the reals, completeness axiom, compact sets, sequences, subsequence, continuity and differentiability.
Prerequisite(s): A minimum grade of "C" in MATH 2243 and a minimum grade of "C" in MATH 2332.
Cross Listing(s): MATH 5331G.
MATH 5332 Analysis II  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A continuation of Analysis I, including topics such as Riemann integration, infinite series, sequences and series of functions, metric spaces, and normed spaces.  
Prerequisite(s): A minimum grade of "C" in MATH 5331.  
Cross Listing(s): MATH 5332G.  
MATH 5333 Modern Algebra I  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course is an introduction to the fundamental algebraic structures: groups, rings and fields. Topics covered include: binary operations, groups (permutation groups, subgroups, cyclic groups, group homomorphisms, factor groups), rings (integral domains, ring homomorphisms) and fields. The historical and mathematical connections to the secondary mathematics curriculum will be incorporated as appropriate.  
Prerequisite(s): A minimum grade of "C" in MATH 2332.  
Cross Listing(s): MATH 5333G.  
MATH 5334 Modern Algebra II  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A continuation of the study of the fundamental algebraic topics. Topics to be covered include: isomorphism of groups, rings, fields, a deeper study of quotient structures and the isomorphism theorems, factorization of polynomials over a field, arithmetic properties of rings of polynomials over fields, extension fields, algebraic extensions, geometric constructions and the classic problems.  
Prerequisite(s): A minimum grade of "C" in MATH 5333.  
Cross Listing(s): MATH 5334G.  
MATH 5335 Intermediate Linear Algebra  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
General vector spaces and bases, linear operators, least squares problems, eigenvalue problems, and applications of these concepts.  
Prerequisite(s): A minimum grade of "C" in MATH 2160 and MATH 2332.  
Cross Listing(s): MATH 5335G.  
MATH 5336 Applied Numerical Methods  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Introduction to scientific computation. Solutions of linear and nonlinear equations, polynomial interpolation, numerical differentiation and integration, data fitting, and other numerical methods.  
Prerequisite(s): A minimum grade of "C" in MATH 2160 and prior knowledge of a programming language.  
Cross Listing(s): MATH 5336G.  
MATH 5337 Difference Equations  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course is an introduction to the theory and applications of difference equations. Topics include the difference calculus, first order linear difference equations, results and solutions of linear equations, applications, equations with variable coefficients and nonlinear equations that can be linearized.  
Prerequisite(s): A minimum grade of "C" in MATH 2242 or MATH 2160.  
Cross Listing(s): MATH 5337G.  
MATH 5338 Methods of Applied Mathematics  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Methods of applied mathematics concentrating on techniques for the analysis of differential and integral equations. Topics include: integral equations, differential operators, Fredholm alternative, distribution theory and Green's function methods.  
Prerequisite(s): A minimum grade of "C" in MATH 3230.  
Cross Listing(s): MATH 5338G.  
MATH 5339 Partial Differential Equations  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
The study of differential equations involving functions of more than one variable. Topics include: Laplace, heat and wave equations, boundary value problems, methods of separation of variables and eigenfunction expansions, Fourier series, Green's functions, maximum principle and computational methods.  
Prerequisite(s): A minimum grade of "C" in MATH 2243 and MATH 3230.  
Cross Listing(s): MATH 5339G.  
MATH 5412 Secondary School Curriculum and Methods  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Material and methods of teaching secondary school mathematics including field experience.  
Prerequisite(s): A minimum grade of "C" in MATH 3932.  
Cross Listing(s): MATH 5412G.  
MATH 5430 Introduction to Mathematical Biology  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An introduction to applications of mathematics to various biological, ecological, physiological, and medical problems, which will be analyzed both analytically and numerically.  
Prerequisite(s): A minimum grade of "C" in MATH 3230.  
Cross Listing(s): MATH 5430G.  
MATH 5431 Graph Theory  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Graphs and digraphs, trees, connectivity, matchings, paths, cycles, bipartite graphs, Euler's formula, planar graphs, and graph coloring.  
Prerequisite(s): A minimum grade of "C" in MATH 2332.  
Cross Listing(s): MATH 5431G.  
MATH 5433 Differential Geometry of Curves and Surfaces  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Differential geometry uses tools from calculus and linear algebra to study the geometric properties of smooth curves and surfaces in Euclidean spaces. Topics include: arc length surface area, geodesics, curvature, first and second fundamental forms, Gauss-Bonnet formula.  
Prerequisite(s): A minimum grade of "C" in MATH 2243 and MATH 2160.  
Cross Listing(s): MATH 5433G.  
MATH 5434 Functions of a Complex Variable  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Topics in complex variables including functions, limits, derivatives, integrals, the Cauchy-Riemann conditions, series representation of functions, Cauchy Integral formula, and elementary conformal mappings.  
Prerequisite(s): A minimum grade of "C" in MATH 2332.  
Cross Listing(s): MATH 5434G.  
MATH 5435 Introduction to Topology  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An introduction to metric spaces, topological spaces, connectedness and compactness of topological spaces, and continuous functions on topological spaces.  
Prerequisite(s): A minimum grade of "C" in MATH 2332.  
Cross Listing(s): MATH 5435G.  
MATH 5436 Introduction to Fractals  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Prerequisite(s): A minimum grade of "C" in MATH 5331.  
Cross Listing(s): MATH 5436G.
MATH 5437 Mathematics and Computation of Curves and Surfaces
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is a study of the mathematical and computational techniques used for the computer generation of curves and surfaces. The primary representations for the curves and surfaces are univariate and multivariate polynomials and splines in the Bernstein/Bezier and B-spline bases. These curves and surfaces are used for data fitting (interpolation and smoothing) and approximation. Topics include: recursion, smoothness, surfaces over grids, surfaces over triangulations, simplex and box splines, variational curves and surfaces, transformations and projections.
Prerequisite(s): A minimum grade of "C" in MATH 2243 and MATH 2160.
Cross Listing(s): MATH 5437G.

MATH 5480 Optimization
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Operations research topics including nonlinear programming, network analysis, Markov chains, game theory, and inventory theory.
Prerequisite(s): MATH 2160.
Cross Listing(s): MATH 5480G.

MATH 5530 Mathematics for Scientists and Engineers
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of mathematical topics useful in the study of areas of applied sciences such as physics, engineering and computer science. Topics include: linear algebra and matrices, ordinary differential equations, partial differential equations, Fourier series, vector calculus, complex variables, numerical methods, probability and graph theory. For non-math majors only.
Prerequisite(s): A minimum grade of "C" in MATH 2242.
Cross Listing(s): MATH 5530G.

MATH 5539 Mathematical Models
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to a variety of mathematical tools used for solving real-world problems, with the focus on identifying the problem, constructing an appropriate model, and finding the best available method to solve it.
Prerequisite(s): A minimum grade of "C" in MATH 2160 and MATH 3230.
Cross Listing(s): MATH 5539G.

MATH 5660 Statistical Data Analytics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course will apply concepts learned in diverse areas of mathematics to data analysis. Topics include clustering and classification, data cleaning, text analysis and document similarities, frequent itemsets and association rules, neural networks, support vector machines, and decision trees. This class has a primary focus on the underlying mathematical theory, with a secondary focus on application. Students will be introduced to R and RStudio for data storage, manipulation, and visualization.
Prerequisite(s): A minimum grade of "C" in all of the following: MATH 2160, MATH 2243, MATH 3337 or STAT 5531.
Cross Listing(s): MATH 5660G, STAT 5660, STAT 5660G.

MEDT Medical Tech

MEDT 2000 Directed Study
1-3 Credit Hours. 0-18 Lecture Hours. 0-18 Lab Hours.
Selected medical technology topics. Credit varies by topic and workload. Offered on demand.
MEDT 3001L Intro to Medical Lab Meth Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.

MEDT 3010 Urinalysis and Body Fluids
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Open only to medical technology majors. Qualitative and quantitative study of the physical and microscopic constituents of urine and other body fluids. Includes practice of manual and automated procedures and their relationship to diagnosing disease.
Corequisite(s): MEDT 3100L.

MEDT 3100L Urinalysis/Body Fluids Lab
0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
Corequisite(s): MEDT 3100.

MEDT 3110 Urinalysis and Body Fluids
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Qualitative and quantitative study of the physical and microscopic constituents of urine and other body fluids.

MEDT 3200 Clinical Bacteriology
5 Credit Hours. 4 Lecture Hours. 0 Lab Hours.
The relationship of bacteria, mycobacteria, spirochaetes, and mycoplasmas to human disease with an emphasis on the isolation and identification of pathogenic bacteria. Open only to medical technology majors.
Corequisite(s): MEDT 3200L.

MEDT 3200L Clinical Bacteriology Lab
0 Credit Hours. 0 Lecture Hours. 4 Lab Hours.
Corequisite(s): MEDT 3200.

MEDT 3210 Clinical Bacteriology
4 Credit Hours. 4 Lecture Hours. 0 Lab Hours.

MEDT 3300 Clin Hematology & Hemostasis
5 Credit Hours. 4 Lecture Hours. 0 Lab Hours.
Study of pathology and physiology of the formed elements of blood with an emphasis on clinical correlation. Study of the principles of hemostasis and blood coagulation including interpretation of results. Manual and automated laboratory procedures are performed based on principles of hematology and hemostasis.
Corequisite(s): MEDT 3300L.

MEDT 3300L Clin Hematology Lab
0 Credit Hours. 0 Lecture Hours. 4 Lab Hours.
Corequisite(s): MEDT 3300.

MEDT 3310 Clin. Hematology & Hemostasis
4 Credit Hours. 4 Lecture Hours. 0 Lab Hours.
Study of pathology and physiology of the formed elements of blood with an emphasis on clinical correlation. Study of the principles of hemostasis and blood coagulation including interpretation of results.

MEDT 3400 Clinical Immunohematology
5 Credit Hours. 4 Lecture Hours. 0 Lab Hours.
Basic immunohematologic principles and their application to the preparation and administration of whole blood and blood components including the selection and processing of donors, cross matching procedures, and antibody identification. Open only to medical technology majors.
Corequisite(s): MEDT 3400L.

MEDT 3400L Clinical Immunohematology Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
Corequisite(s): MEDT 3400.

MEDT 3410 Clinical Immunohematology
4 Credit Hours. 4 Lecture Hours. 0 Lab Hours.
Basic immunohematologic principles and their application to the preparation and administration of whole blood and blood components. Includes the selection and processing of donors, cross matching procedures, and antibody identification.
MEDT 3500 Clinical Chemistry
5 Credit Hours. 4 Lecture Hours. 0 Lab Hours.
Open only to medical technology majors. Focus on physiological principles and concepts, methodologies and clinical significance of biochemicals and elements found in the blood and other body fluids. Manual and automated laboratory procedures are performed with an emphasis on quality control and quality assurance. Clinical chemistry case studies are presented to aid in clinical correlation and problem solving.
Corequisite(s): MEDT 3500L.
MEDT 3500L Clinical Chemistry Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
MEDT 3510 Clinical Chemistry
4 Credit Hours. 4 Lecture Hours. 0 Lab Hours.
Focus on physiological principles and concepts, methodologies and clinical significance of biochemicals and elements found in body fluids and other body fluids. Clinical chemistry case studies are presented to aid in clinical correlation and problem solving.
MEDT 3600 Clinical Lab Meth & Molec Dgn
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A basic introduction to the clinical laboratory focusing on topics in laboratory safety, microscopy, phlebotomy, general laboratory equipment, quality assurance, laboratory mathematics, and principles and methodologies of clinical laboratory instrumentation. This course will also familiarize students with the basics of molecular diagnostic technology and the types of test available.
Corequisite(s): MEDT 3600L.
MEDT 3600L Clinical Lab Methodologies Lab
0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
Corequisite(s): MEDT 3600.
MEDT 3610 Clinical Lab Meth & Molec Dgn
2 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Principles and operation of clinical laboratory instrumentation. This course will also familiarize students with the basics of molecular diagnostics technology and the types of test available.
MEDT 3700 Clinical Immunology
3 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Principles and procedures used in the isolation, identification, and quantifications of diagnostically significant antigens and antibodies. Includes laboratory component.
Corequisite(s): MEDT 3700L.
MEDT 3700L Clinical Immunoserology Lab
0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
Corequisite(s): MEDT 3700.
MEDT 3710 Clinical Immunology
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Principles and procedures used in the isolation, identification and quantitation of diagnostically significant antigens and antibodies.
MEDT 3800 Clinical Microbiology
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Pathogenesis, life cycles, and laboratory identification of human parasites. Open only to medical technology majors.
Corequisite(s): MEDT 3800L.
MEDT 3800L Clinical Microbiology Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
Corequisite(s): MEDT 3800.
MEDT 3810 Clinical Microbiology
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Only open to medical technology majors. Pathogenesis and laboratory identification of human parasites and clinically significant fungi and viruses.
MEDT 3810L Clinical Microbiology Lab
0 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
MEDT 4115 Clinical Practicum
1-9 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.
Structured clinical laboratory experiences. Rotations will include clinical microbiology, clinical chemistry, immunohematology, hematology, coagulation, immunology/serology, urinalysis, phlebotomy, and molecular diagnostic testing.
Prerequisite(s): A minimum grade of "C" in MEDT 3100 and MEDT 3200 and MEDT 3300 and MEDT 3400 and MEDT 3500 and MEDT 3600 and MEDT 3700 and MEDT 3800.
MEDT 4600 Clinical Path and Crit Dec Mak
5 Credit Hours. 5 Lecture Hours. 0 Lab Hours.
Advanced level topics in clinical laboratory science, emphasizing analysis and presentation of multi-disciplinary case studies.
Prerequisite(s): A minimum grade of "C" in MEDT 4115.
MEDT 4810 Special Topics Practicum
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Structured experiences in alternate clinical sites. Settings may include doctors, reference, and clinic laboratories.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in all of the following: MEDT 3100 and MEDT 3200 and MEDT 3300 and MEDT 3400 and MEDT 3600 and MEDT 3700 and MEDT 3800.
MEDT 4900 Laboratory Mgmt and Education
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
Fundamental concepts of laboratory management, operation, finance, managerial leadership, personnel administration, and educational principles for laboratory scientists.
Prerequisite(s): A minimum grade of "C" in MEDT 4115.

MENG Mechanical Engineering
MENG 1310 Manufacturing Processes Lab
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
This course covers hands on introduction to various manufacturing, machining and fabrication processes including welding, thread cutting, and machining using lathe and mill.
Prerequisite(s): Mechanical or Manufacturing Engineering major or permission of department.
MENG 2110 Mechanical Engineering Case Studies in Design & Analysis
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
The course includes fundamental techniques for creating, analyzing, synthesizing, and implementing design solutions to open-ended problems through team and individual efforts utilizing flexibility, adaptability, and creativity.
Prerequisite(s): A minimum grade of "C" in ENGR 1133.
MENG 2139 Numerical Methods in Engineering
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Mathematical modeling and numerical solution of engineering related problems with emphasis on solution of linear and nonlinear equations, matrices, vectors, statistical data analysis, curve fitting, ordinary and partial differential equations.
Prerequisite(s): Completion of MATH 2242 with a minimum grade of "C" and completion of ENGR 1121 or ENGR 1731 or concurrent enrollment in MFGE 2534.
MENG 3130 Mechanism Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers detailed concepts, functions and knowledge of the components of mechanisms, machine components and design tools. Analytical, mathematical and computer techniques for kinematic and dynamic analysis of mechanisms and machine components are introduced. A comprehensive project covers the mechanism synthesis and design experience using analytical and computer simulation tools.
Prerequisite(s): A minimum grade of "C" in ENGR 2232 or permission of instructor.
MENG 3135 Machine Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Prerequisite(s): A minimum grade of "C" in ENGR 3233 and MENG 2110 or permission of the department.

MENG 3233 Heat Transfer
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will be an introduction to basic energy transport by conduction, convection, and radiation with applications to heat exchanger, extended surfaces, etc.
Prerequisite(s): A minimum grade of "C" in ENGR 3431 and ENGR 3235 or permission of instructor.

MENG 3331 Materials Science
3 Credit Hours. 0.2 Lecture Hours. 0.3 Lab Hours.
The study of engineering materials such as metals, alloys, polymers, ceramics, and composites. Atomic structure and arrangement; control of the microstructure and mechanical properties, solidification, cooling curves and phase diagrams, mechanical testing, and strengthening mechanisms. Laboratory includes problem solving sessions and experiments on materials related to strengths, toughness, solidification, and metallography.
Prerequisite(s): A minimum grade of "C" in all of the following: CHEM 1212K or CHEM 1310, ENGR 3233.

MENG 3333 Materials Processing
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
The course covers the study of traditional and modern processing techniques. The course will cover applications and use of different materials and their processing, metal-casting processes end equipment, forming and shaping processes and equipment, joining processes and equipment, molding, extrusion and fabrication of polymers, and composites processing and techniques. Laboratory includes problem solving sessions, experiments, and hands-on processing of materials.
Prerequisite(s): A minimum grade of "C" in MENG 3331 and MENG 1310 or permission of the department.

MENG 3521 Mechatronics Studio Laboratory
2 Credit Hours. 0 Lecture Hours. 4 Lab Hours.
This course is an introduction to the theory and practice of engineering measurements, instrumentation, data acquisition, statistical analysis of data, controls and mechatronic systems and their applications integrated with computing. Topics include measurement fundamentals, applications of computing in measurement and mechatronic systems, sensors, analog signal processing, data acquisition and analysis, digital circuits, microcontroller programming and interfacing, actuators, and mechatronic system design.
Prerequisite(s): A minimum grade of "C" in MENG 2131 and MENG 2139 and ENGR 3233.

MENG 3531 Introduction to Mechatronics
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course is an introduction to the theory and practice of engineering measurements, instrumentation, data acquisition, statistical analysis of data, controls and mechatronic systems and their applications integrated with computing. Topics include measurement fundamentals, applications of computing in measurement and mechatronic systems, sensors, analog signal processing, data acquisition and analysis, digital circuits, microcontroller programming and interfacing, actuators, and mechatronic system design.
Prerequisite(s): A minimum grade of "C" in ENGR 2131 and MENG 2139 and ENGR 3233.

MENG 4210 Energy Science Laboratory
1 Credit Hour. 0 Lecture Hours. 0.2 Lab Hours.
The course includes laboratory activities in support of instruction in Thermodynamics and heat transfer.
Prerequisite(s): A minimum grade of "C" in all the following: MENG 3233 and MENG 3531 or MENG 3521 or permission of instructor.

MENG 4430 Engineering Quality Control and Project Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course will introduce students to basic tools of engineering economy such as: interest rates, cash flow analysis, cost benefit analysis, and depreciation analysis that are used in comparing and evaluating multiple engineering projects on the basis of quantitative monetary parameters. Students will additionally be introduced to basic quality control techniques such as quality control charts and Six Sigma techniques for assuring product quality.
Prerequisite(s): A minimum grade of "C" in MENG 2110, MENG 3135, and MENG 3333.

MENG 4612 Mechanical Engineering Senior Seminar
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
Students are introduced to topics essential for improving performance on the Fundamentals of Engineering Exam. Topics such as engineering economy, ethics, and global citizenship are reinforced, while topics such as electrical devices, mechanics, energy science, and numerical methods are reviewed.
Prerequisite(s): MATH 2243 and a minimum grade of "C" in ENGR 2131, ENGR 2232, ENGR 3233, ENGR 3235, MENG 2139, MENG 3233, and MENG 3331.

MENG 4899 Directed Study in Mechanical Engineering
3 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
An individualized study involving research and applications pertaining to Mechanical Engineering.
Prerequisite(s): Senior standing, prior identification of a problem or study area, and permission of instructor.

MENG 5090 Selected Topics in Mechanical Engineering
1-9 Credit Hours. 1-9 Lecture Hours. 0-6 Lab Hours.
This course provides for study of Mechanical Engineering course topics not generally offered by the program.
Prerequisite(s): Senior standing or Permission of instructor.
Cross Listing(s): MENG 5090G.

MENG 5134 Vehicle Dynamics
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course covers fundamental concepts related to mathematical models and designs of automotive vehicle as multiple degree of freedom system. It also covers its dynamic performance under acceleration, braking, steering, rollover considering road loads, suspension system and tire characteristics. Emphasis is given to the stability of the vehicle under these dynamic conditions. Graduate students are expected to carry out research activities and submit research paper as their projects.
Prerequisite(s): A minimum grade of "C" in MENG 2139 and MENG 3130 or permission of the department.
Cross Listing(s): MENG 5134G.

MENG 5135 Vibration and Preventive Maintenance
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Free and Forced Vibration of one and multi-degree of freedom systems will be covered. Applications of vibration analysis for preventive maintenance of mechanical systems will be introduced. Laboratories include basic vibration analysis and its applications.
Prerequisite(s): Completion of MATH 3230 and a minimum grade of "C" in MENG 3130, MENG 3531 or MENG 3521 or permission of the department.
Cross Listing(s): MENG 5135G.
MENG 5136 Introduction to Finite Element Analysis
3 Credit Hours. 0.1 Lecture Hours. 0.4 Lab Hours.
This course will introduce students to the fundamentals of Finite Element Analysis. The students will develop a working knowledge of a commercial FEA software package and will model and analyze mechanical and thermal engineering systems using that software. The students will additionally develop an ability and competence in interpretation and analysis of FEA results.
Prerequisite(s): A minimum grade of "C" in ENGR 2112, ENGR 3235, MENG 2139, MENG 3135, MENG 3233 or permission of the department.
Cross Listing(s): MENG 5136G.

MENG 5137 Mechanical System Design
3 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
This is a senior design course requiring that students call upon all of their academic preparations in developing the solution of mechanical system problems.
Prerequisite(s): A minimum grade of "C" in ENGR 2112, MENG 3130, MENG 3135, MENG 3233, MENG 3333, and (MENG 3531 or MENG 3521) and senior standing.
Cross Listing(s): MENG 5137G.

MENG 5138 Composite Materials: Manufacturing, Analysis, and Design
3 Credit Hours. 0.2 Lecture Hours. 0.6 Lab Hours.
This course introduces basics of fiber reinforced, and laminated composites, anisotropic theory, stress analysis, design and testing of composite materials. Topics include an overview of structure and processing of composite materials, classification of anisotropy, anisotropic constitutive models, classical laminate theory, failure theories, and test methods. The knowledge will be applied to a design of simple composite structural elements.
Prerequisite(s): A minimum grade of "C" in (MENG 3135 or MFGE 3131) and (MENG 3333 or MFGE 2531), or permission of the department.
Cross Listing(s): MENG 5138G.

MENG 5139 Renewable Energy
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
The design, operation, and environmental and socio-economic impact of renewable energy systems will be presented with an engineering emphasis. Additionally, cycle evaluation and analysis of the renewable energy systems, their benefits and costs will be determined. Graduate students will be required to complete an additional design project that involves a class presentation with a more advanced technical analysis.
Prerequisite(s): A minimum grade of "C" in MENG 3233 or permission of instructor.
Cross Listing(s): MENG 5139G, TMAE 5139, TMAE 5139G.

MENG 5231 Tribology and Reliability
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
The course is an introduction to basic tribology concepts in mechanical engineering and advanced machine design. Students will learn the relationships between friction, wear and lubrication, material surface and environment, and their effects on functionality of components. Students will be able to analyze and assess the effects of material properties, surface features and lubrication solutions on the friction and wear of engineering material contacts. Students will also be introduced to (1) the analysis of engineering components (such as bearings and gears), systems, and case studies, and (2) the fundamentals of reliability as they relate to mechanical engineering.
Prerequisite(s): A minimum grade of "C" in ENGR 3235, MENG 3135, MENG 3521, MENG 3531, MENG 3233 and MENG 3333 or permission of department.
Cross Listing(s): MENG 5231G.

MENG 5233 Wind Energy
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course provides an in-depth introduction to modern wind turbine technology and the development of the wind power industry. Students will learn general characteristics of the wind resource and the atmospheric boundary layer. They will also learn how to analyze wind data, estimate wind resources and use statistical techniques to estimate wind turbine energy production. Aerodynamic characteristics of various turbine (HAWT and VAWT) models design, blade design, airfoils design, blade number effect and optimization techniques will be discussed theoretically and computationally for various applications. This course provides the general principles of wind turbine loads, mechanics, rotor dynamics, and methods for modeling turbine structural response. Electrical aspects of wind turbines, turbine control, turbine materials and components will also be studied, as well as, turbine design and testing, wind turbine siting, system design and integration.
Prerequisite(s): A minimum grade of "C" in ENGR 2112, ENGR 3235, MENG 3130, MENG 3135, and (MENG 3531 or MENG 3521).
Cross Listing(s): MENG 5233G.

MENG 5234 Heating, Ventilating, and Air Conditioning
3 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
This is an introductory course in Heating, Ventilating, and Air Conditioning (HVAC) systems. In this course HVAC processes are analyzed and load calculations are performed in accordance with American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) practices.
Prerequisite(s): A minimum grade of "C" in MENG 3233 or permission of the department.
Cross Listing(s): MENG 5234G.

MENG 5237 Applied Combustion
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course is an introduction to the fundamentals of combustion processes, thermochemistry, chemical kinetics, simple chemical reactors, premixed and nonpremixed combustion, turbulent combustion and its practical applications, biofuel combustion, fuel surrogates, and pollutant emissions.
Prerequisite(s): A minimum grade of "C" in MENG 3233.
Cross Listing(s): MENG 5237G.

MENG 5238 Engine Development and Performance
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
The design, development, operation, and environmental impact of internal combustion engines will be presented in this course with an engineering emphasis. Additionally, cycle evaluation and analysis of the energy systems, the efficiency and power generation, their benefits and costs will be determined.
Prerequisite(s): A minimum grade of "C" in ENGR 3235, ENGR 3431, MENG 3233 and (MENG 3531 or MENG 3521).
Cross Listing(s): MENG 5238G.

MENG 5239 Biofuels Development and Testing
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
The development of biofuels for engine operation and their environmental impact will be presented with an engineering emphasis. Additionally, life cycle evaluation, analysis of the energy systems and their efficiency with biofuels, together with benefits and costs will be determined.
Prerequisite(s): A minimum grade of "C" in (CHEM 1212 or CHEM 1310), MENG 3235.
Cross Listing(s): MENG 5239G.
MENG 5331 Automation and Computer Integrated Manufacturing Systems
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course will cover the fundamental concepts in manufacturing, automation, and various topics in production and control systems. These include numerical control, industrial robots, computer integrated manufacturing systems, flexible manufacturing system, and process monitoring and control.
Prerequisite(s): A minimum grade of "C" in ENGR 1133 and (ENGR 1121, ENGR 1731 or MFGE 2534) and (MENG 3333 or MFGE 2533) or permission of the department.
Cross Listing(s): MENG 5331G.

MENG 5333 Robot Dynamics, Design and Analysis
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
An integrated treatment of robot kinematics, dynamics and control is introduced with an emphasis on analysis, design and programming of robots and their applications. Topics include planar and spatial kinematics, and motion planning; mechanism design for manipulators and mobile robots; forward and inverse kinematics, differential kinematics, manipulability, workspace design; planar and spatial multi-rigid-body-dynamics, dynamic models of robots; introduction to computer vision; robot programming; and robot control. Students will be engaged in laboratory activities to study kinematics, dynamics, programming and real-time control of robotic systems that include manipulators, mobile robots, and unmanned aerial vehicles (UAVs).
Prerequisite(s): A minimum grade of "C" in MENG 3130 and MENG 3521.
Cross Listing(s): MENG 5333G.

MENG 5431 Compressible Flow
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course introduces the basic equations and concepts of compressible flow. The generalized equations and solutions are developed and solved for: one-dimensional moving and normal shocks, oblique shocks, expansion fans, compressible flow with friction, and compressible flow with heat transfer. Software will be utilized to solve compressible flow problems.
Prerequisite(s): A minimum grade of "C" in ENGR 2112 or MENG 3233.
Cross Listing(s): MENG 5431G.

MENG 5432 Applied Computational Fluid Dynamics
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course introduces the numerical techniques applied to the solution of fluid flow and heat transfer problems. The Finite Difference and Finite Volume methods are used to discretize and numerically solve the governing equations of heat transfer and fluid mechanics. Commercial computational fluid dynamics software is utilized for the analysis of heat transfer and fluid mechanics problems.
Prerequisite(s): A minimum grade of "C" in MENG 3233.
Cross Listing(s): MENG 5432G.

MENG 5433 Analysis of Energy Systems
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
The course will introduce students to the design and analysis of energy systems. The students will use the concepts of thermodynamics, fluid mechanics and heat transfer to analyze various energy systems. The course will also offer an introduction to compressible flow, associated with the energy systems. The students will develop a working knowledge of a commercial CFD software package and model and analyze the energy systems using the software.
Prerequisite(s): MATH 2243, MATH 3230, MATH, and a minimum grade of C in ENGR 2231, ENGR 3431, ENGR 3235, and MENG 3233.
Cross Listing(s): MENG 5433G.

MENG 5434 Heat Transfer Principles and Applications
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course will cover intermediate concepts related to conduction, convection and radiation heat transfer. Analytical solution methods for steady and transient conduction in one and two dimensions are developed and utilized. The continuity, momentum, and energy equations are derived and used in fundamental heat transfer applications. Radiation exchange between surfaces with and without participating media is presented and analyzed.
Prerequisite(s): A grade of "C" or better in MENG 3233 or permission of department.
Cross Listing(s): MENG 5434G.

MENG 5532 Nanomaterials, Nanocomposites & Nanotechnology
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Interdisciplinary lecture and lab course will provide a comprehensive overview and knowledge based and hands on experience of nanotechnology, nanomaterials and nanocomposites design, synthesis, characterization, applications, environmental and economic impacts.
Prerequisite(s): A minimum grade of "C" in PHYS 2212K and MENG 3333.
Cross Listing(s): MENG 5532G.

MENG 5536 Mechanical Controls
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
An understanding of the elements of classical control theory will be developed. Students will be introduced to the concept of feedback and its properties; the concept of stability and stability margins; and the different tools that can be used to analyze these properties. Students will also develop a working knowledge of the basics of linear control techniques.
Prerequisite(s): A minimum grade of "C" in MENG 3130 and (MENG 3521 or MENG 3531) or permission of instructor.
Cross Listing(s): MENG 5536G.

MENG 5811 Introduction to Mechanical Engineering Research and Projects
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
This course is an introduction to research and project best practices and methods. Topics include experiment design, ethics, laboratory safety, data analysis, statistics, technical writing and presentation. Students will identify and begin working with a research mentor.
Prerequisite(s): A minimum grade of "C" in ENGR 2112 and MENG 2139 and prior or concurrent enrollment in MENG 3531 or MENG 3521.
Cross Listing(s): MENG 5811G.

MENG 5822 Research Project in Mechanical Engineering
2 Credit Hours. 6 Lab Hours.
This course is a one-on-one research experience for mechanical engineering students. It is the second in a two course sequence including MENG 5811 Introduction to Mechanical Research and Projects. Emphasis is placed on project or experiment design, implementation, analysis, and reporting, culminating in a final presentation, and a research report or honors thesis.
Prerequisite(s): A minimum grade of "C" in both (MENG 3531 or MENG 3521) and MENG 5811 or permission of instructor.
Cross Listing(s): MENG 5822G.

MENG 5891 Special Problems in Mechanical Engineering
1-6 Credit Hours. 0 Lecture Hours. 2-12 Lab Hours.
Individual and specialized study in the areas of mechanical engineering not otherwise covered in the students’ curriculum.
Prerequisite(s): Senior standing and identification of a problem or study area and permission of instructor.
Cross Listing(s): MENG 5891G.
METR Meterology

METR 3100 Introduction to Meteorology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the description of the state of atmosphere and the physical laws that describe atmospheric phenomena.

MFGE Manufacturing Engineering

MFGE 2142 Fundamentals of Engineering Mechanics
4 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course provides an introductory survey of engineering statics, mechanics of materials, and dynamics as they apply to manufacturing engineering.
Prerequisite(s): A minimum grade of "C" in MATH 2242 and PHYS 2211K.

MFGE 2239 Engineering Modeling and Mathematical Analysis
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
An introduction to probability and distribution functions as they relate to component/system reliability and degradation, an applied overview of ordinary differential equations, and graphical/mathematical analysis, with an emphasis on manufacturing engineering applications such as design, process, reliability, uncertainty and risk assessment.
Prerequisite(s): A minimum grade of "C" in STAT 1401. Corequisite(s): MENG 2139.

MFGE 2421 Introduction to Additive Manufacturing Studio
2 Credit Hours. 0 Lecture Hours. 4 Lab Hours.
Students will develop a working ability to use parametric solid modeling software. In addition to creating solid models, students will develop a basic proficiency in structures and thermal analysis software. They will also gain insight into rapid prototyping principles three dimensional design and printing in an applied project based setting. Students will gain exposure to additive manufacturing Digital Design to Manufacturing concepts. Students will learn to perform basic finite element analysis of solid models.
Prerequisite(s): A minimum grade of "C" in ENGR 1133 and MFGE 2142.

MFGE 2531 Materials Science Studio for Manufacturing Engineering
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course covers a broad range of engineering materials with an emphasis on application, use, and manufacturing processes. Students will develop an understanding of relationships between material properties, microstructure and manufacturing processing. Topics include atomic structure and arrangement; control of the microstructure and mechanical properties; solidification, phase diagrams, mechanical testing, strengthening mechanisms, thermostets and thermoplastics, introduction to composites, and selection of materials based upon manufacturing applications. Laboratory activities include studies of mechanical and/or metallurgical tests related to strengths, hardness, toughness, solidification, and metallography of materials with an emphasis on manufacturing processes and techniques.
Prerequisite(s): A minimum grade of "C" in CHEM 1212K or CHEM 1310.

MFGE 2533 Manufacturing Processing 2 Studio
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course covers theory and hands-on experiences with various forming processes such as casting, forging, extrusion, rolling and drawing. Students will gain insight into the theory of manufacturing processes and will develop competency through lab based hands-on practice and the processing constraints related to the design of products and systems.
Prerequisite(s): A minimum grade of "C" in MENG 1310 and MFGE 2531.

MFGE 2534 Applied Computing in Manufacturing Engineering
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course provides a survey introduction to programming logic and flowcharting, applications of the principles and techniques of computer numerically controlled machine tools (CNC), G and M code programming of Industrial machines, tooling systems, and an introduction to Computer Aided Manufacturing (CAM) systems will be covered. Manual hands on programming as well as interfacing with professional machining software such as MasterCAM or HSM Works will be incorporated. IT interfacing of components and systems will be introduced, as well as basic control devices such as PLCs.
Prerequisite(s): A minimum grade of "C" in ENGR 1133 and MENG 1310.

MFGE 3131 Design for Manufacturability, Assembly, Sustainability
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
A study and application of the principles that result in the integration of machine design, product design and process planning into one common activity with considerations given to assembly tolerances, fit, and clearance as well as whole–lifecycle usability, recyclability and sustainability. The goal is to design a product that is easily and economically manufactured. Also included is a study of coordinate measurement machines (CMM), machine design, metrology and design principles that contribute to enhanced sustainability.
Prerequisite(s): A minimum grade of "C" in MFGE 2142 and MFGE 2421 and MFGE 2533.

MFGE 3132 Quality and Statistical Process Control for Engineers
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Course focuses on the definition of Quality. Introduces students to proactive concepts of quality such as Six Sigma, QFD, FMEA, POKAYOKE, Ishikawa analysis and reactive methods used to ensure quality production through the measurement and maintenance of desired product characteristics in manufacturing processes such as control charts and sampling.
Prerequisite(s): A minimum grade of "C" in MFGE 2239.

MFGE 3337 Hydraulics and Electro-mechanical Systems
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
Exploration of the basic principles of fluidic (hydraulic and pneumatic) systems and electrical movers as they relate to manufacturing assembly processes and lines, and industrial robotics.
Prerequisite(s): A minimum grade of "C" in all of the following: ENGR 2131, MFGE 3541, prior or concurrent enrollment in MFGE 3421.

MFGE 3421 Industrial Controls and Networking Studio
2 Credit Hours. 0 Lecture Hours. 4 Lab Hours.
This studio laboratory will cover the theory and practice of engineering measurements, measuring devices, and their application to controlled activities in an applied environment. The experimental activities will include the application of traditional measuring devices, development of data acquisition packages, and inner-connectivity and networking of sensors and programmable logic control (PLC) devices with an emphasis on robotics, automation, and manufacturing applications.
Prerequisite(s): A minimum grade of "C" in MFGE 2534 and prior or concurrent enrollment in ENGR 2131.

MFGE 3423 Facilities Design
2 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
The goal of this course is to impart an understanding of the basic principles of facilities location, layout, and material handling systems so as to design an efficient manufacturing/service facility. This will be enhanced through hands on practice in designing facilities. Facilities design issues that will be stressed upon will include modeling, design, and analysis techniques. It will try to provide a balance of exposure to available methodologies in facilities location, layout, and material handling with a practical emphasis, not just quantitative evaluation.
Prerequisite(s): A minimum grade of "C" in MFGE 2533.
MFGE 3531 Advanced Materials Processing
3 Credit Hours. 0,3 Lecture Hours. 0,2 Lab Hours.
Students will develop both a theoretical and hands-on appreciation for techniques working with plastics, ceramics, composites, nanomaterials, etc.
Prerequisite(s): A minimum grade of "C" in ENGR 1133 and MFGE 2142.

MFGE 3541 Energy Science Studio
4 Credit Hours. 0,3 Lecture Hours. 0,2 Lab Hours.
A survey of fluid mechanics, thermodynamics, and heat transfer with an emphasis placed upon manufacturing engineering. Fundamentals of fluid statics and fluid dynamics for incompressible fluids, fluid properties, static and dynamic forces, Bernoulli's equation, pipe flow and losses, open channel flow and flow measurement. Thermodynamic properties, state postulate, work interactions, steady-state and transient energy and mass conservation, entropy and the second law. First and Second Law analysis of thermodynamic systems. Gas cycles and vapor cycles. An introduction to basic energy transport by conduction, convection, and radiation with applications to heat exchanger, extended surfaces etc. The laboratory will provide both problem solving and hands on experimentation experiences that support the concepts covered in the lecture.
Prerequisite(s): A minimum grade of "C" in PHYS 2211K and MATH 2242.

MFGE 4090 Special Topics in Manufacturing Engineering
1-3 Credit Hours. 1-3 Lecture Hours. 0-2 Lab Hours.
This course provides for study of Manufacturing Engineering course topics not generally offered by the program or offered on an introductory or trial basis.
Prerequisite(s): Permission of instructor and department chair.

MFGE 4091 Manufacturing Engineering Co-Op
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
The student obtains practical work experience in the manufacturing engineering profession with a manufacturing company. May be repeated for credit when participating with the same industry employer. Requires prior department chair approval for course credit.
Prerequisite(s): Sophomore standing.

MFGE 4135 Lean MFG Principals and Engineering Project Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The planning, evaluation, deployment, and integration of lean manufacturing theory and methods. Emphasis on manufacturing processes/equipment and systems, e.g. planning/control, product design, supply chain, and human resource management. JIT, KANBAN, theory of constraints and quick response manufacturing. The course will also include principles of engineering economy that facilitate in the selection of appropriate engineering projects to maximize ROI.
Prerequisite(s): A minimum grade of "C" in MFGE 3132.

MFGE 4321 Manufacturing Engineering Capstone I
2 Credit Hours. 0 Lecture Hours. 4 Lab Hours.
A capstone project based course that draws on all major curricular themes within the manufacturing engineering program. This course focuses on concurrent product design and development. Key areas include designing with constraints; brainstorming, problem solving, and creativity methods. Students will use design analysis tools, solid modeling, finite element analysis and supply chain management. Students will consider cell needs and limitations to design and develop a product and/or process for mass production in Manufacturing Engineering Capstone II (MFGE 4322).
Prerequisite(s): A minimum grade of "C" in all of the following: MFGE 3131, MFGE 3132, MFGE 3337, MFGE 3541.

MFGE 4322 Manufacturing Engineering Capstone II
2 Credit Hours. 0 Lecture Hours. 4 Lab Hours.
A capstone project based course that draws on all major curricular themes within the manufacturing engineering program. This laboratory studio based course focuses on implementation and a production run of the product and/or process developed in MFGE 4321. The students will build and test the manufacturing cell to produce a discrete family of parts identified in MFGE 4321. The design of part transfer, tooling, sensing, production control and integrated inspection systems will be emphasized.
Prerequisite(s): A minimum grade of "C" in all of the following: MFGE 4135, MFGE 4321, MFGE 4533.
Corequisite(s): MFGE 4614.

MFGE 4533 Industrial Robotics and Automation
3 Credit Hours. 0,3 Lecture Hours. 0,2 Lab Hours.
This course will cover topics of the theory of the dynamic and kinematic models of industrial robot, robotic manufacturing operations such as welding and assembly and industrial robots working in unison or in concert in a manufacturing process. The laboratory activities include programming industrial robots to perform pick and place operations, to manipulate components, tools, and instruments through complex trajectories, programming PLCs to coordinate multiple manufacturing operations and programming computers to integrate the communications and information sharing between manufacturing and management systems.
Prerequisite(s): A minimum grade of "C" in all of the following: MFGE 2142, MFGE 3421, prior or concurrent enrollment in MFGE 3337.

MFGE 4614 Senior Seminar: Professional Skills and Leadership
1 Credit Hour. 2 Lecture Hours. 0 Lab Hours.
Through readings, case studies, small group activities, discussions and guest speakers, students will explore and integrate professional skills relevant to their future careers. An emphasis will be placed upon engineering ethics, professional responsibilities, environmental impact of engineering processes, and technical leadership. A curricular overview that prepares students to take the Society of Manufacturing Engineers’ Certification exam or similar.
Corequisite(s): MFGE 4322.

MFGE 4891 Special Problems in Manufacturing Engineering
1-3 Credit Hours. 1-3 Lecture Hours. 0-2 Lab Hours.
Individual and specialized study in the areas of mechanical engineering that are not otherwise covered in the curriculum. Research project based or practicum experience.
Prerequisite(s): Permission of instructor and department chair.

MFGE 5131 Lean and Six Sigma I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This introductory course will emphasize communication using Six Sigma principles. It will help relate six sigma principles to the overall manufacturing mission and objectives. The Five step DMAIC model for organizational and process improvement will be emphasized. A wide range of process improvement techniques with the DMAIC model will be employed.
Prerequisite(s): A minimum grade of "C" in MFGE 3132.
Cross Listing(s): MFGE 5131G.

MFGE 5132 Lean and Six Sigma II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Graphic and numerical tools to implement DMAIC procedure will be introduced. This includes introduction to Normal distribution, process capability analysis, measurement systems analysis, correlation and regression analysis, statistical process control, value stream mapping as well as the use of six sigma in service based industries.
Prerequisite(s): A minimum grade of "C" in MFGE 5131.
Cross Listing(s): MFGE 5132G.
MFGE 5238 Facilities Maintenance
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
An advanced topic course in the area of scheduled and preventative maintenance of automated manufacturing systems.
Prerequisite(s): A minimum grade of "C" in MFGE 3337 and MFGE 3423 and MFGE 4533.
Cross Listing(s): MFGE 5238G.

MFGE 5331 Advanced Robotics for Manufacturing
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course provides an introduction to fundamental concepts in the use of spatial robotic manipulators with emphasis on industrial robotics. Students study robot manipulator kinematics, dynamics, and control. The theory of spatial kinematics and dynamics of robot manipulators is studied in depth. Advanced control strategies such as force control and compliance control are also investigated. Topics are augmented using computer graphics tools and laboratory experiments with robot manipulators with emphasis on application to manufacturing.
Prerequisite(s): MFGE 4533.
Cross Listing(s): MFGE 5331G.

MFGE 5332 Manufacturing Floor Control
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course will review relevant concepts and techniques to control the flow of materials and information as well as the motion of automated devices on the manufacturing floor. This includes relevant concepts on automation, machine motion control, warehousing, MRP and WIP control in production systems among others.
Prerequisite(s): MFGE 3421 and MFGE 4533.
Cross Listing(s): MFGE 5332G.

MFGE 5333 Additive Manufacturing Studio
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
A comprehensive overview of additive manufacturing, spanning from fundamentals to applications and technology trends. Students will learn the principles of additive manufacturing of polymers, metals, and ceramics and how process capabilities (rate, cost, quality) are determined by the material characteristics, process parameters, and machine designs.
Prerequisite(s): A minimum grade of "C" in MFGE 2421 and MFGE 3131 or ENGR 2112 and MENG 3135 and MENG 3333.
Cross Listing(s): MFGE 5333G.

MFGE 5334 Additive Manufacturing of Lightweight Structures
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course concentrates on the design, optimization, manufacturing, and performance testing of lightweight structures fabricated by additive manufacturing technologies. The general guidelines of functional design and topology optimization will be introduced. Additive manufacturing methodologies will be instructed and accommodated to the design fabrication. Students will be grouped in teams to complete an assigned project of evaluating the mechanical and material performance of self-designed lightweight structures.
Prerequisite(s): MFGE 5333.
Cross Listing(s): MFGE 5334G.

MFGE 5531 Advanced CNC Machining and Programming
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
Advanced Computer Numerical Control (CNC) course includes a range of advanced manufacturing technology such as CNC set-up and programming, use of CAD/CAM software for tool planning, multi-axis machining, CNC Coordinate Measuring Machines (CMM), and concepts of Computer-Integrated Manufacturing (CIM). This course will include CNC lathe, milling, and extend to 5-axis milling machine demonstration and utilization with lab experience. The course activities and design give emphasis to the development of skills and knowledge competence prescribed by industry performance standards.
Prerequisite(s): MFGE 2534.
Cross Listing(s): MFGE 5531G.

MFGE 5532 Introduction to MEMS
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course is designed to study fabrication techniques and operating principles of micro-electro-mechanical devices and systems and their applications. Microfabrication techniques and other emerging fabrication processes for MEMS are studied along with their process physics. Principles of operations of various MEMS devices such as mechanical, optical, thermal, magnetic, chemical/biological sensors/actuators are studied. Topics include: bulk/surface micromachining, microsensors and micro actuators mechanisms.
Prerequisite(s): MFGE 3531.
Cross Listing(s): MFGE 5532G.

MFGE 5534 Packaging
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course will introduce functions of packaging and its fundamental characteristics; materials, processes, and technology used in package development; applications of various materials and systems used to package manufactured products.
Prerequisite(s): A minimum grade of "C" in MENG 5138 and MFGE 3531.
Cross Listing(s): MFGE 5534G.

MFGE 5535 NanoManufacturing
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course provides a survey introduction of nanoscience and technologies of micro-fabrication and nano-manufacturing.
Prerequisite(s): A minimum grade of "C" in MFGE 3531 and MENG 5138.
Cross Listing(s): MFGE 5535G.

MFGE 5536 Characterization of Advanced Manufacturing Materials
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course will introduce the basic characterization principles of advanced manufacturing materials and the common characterization techniques available. The course covers microstructure, defects, crystal structure, crystallography, texture development and phase analysis. Applications and limitations of microscopic-based techniques and their ancillary equipment namely, Optical Microscopy, Scanning Electron Microscopy, and Scanning Probe Microscopy are described. The principles of other important characterization equipment such as x-ray diffraction are described.
Prerequisite(s): MFGE 3132.
Cross Listing(s): MFGE 5536G.

MFGE 5537 Design for Environment and Green Manufacturing
3 Credit Hours. 0.3 Lecture Hours. 0.2 Lab Hours.
This course will provide the student with systematic approaches for designing and developing environmentally responsible products. In particular, design trade-offs will be explored, including those arising in materials life cycle and design, manufacturing processes and end-of-life scenarios. Life cycle assessment is introduced as a quantifying approach for assessment.
Prerequisite(s): MFGE 3131 and MFGE 3132.
Cross Listing(s): MFGE 5537G.

MGED 3131 Nature and Curriculum Needs of the Middle Grades Learner
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
Examines the curriculum, instruction and organization of middle grades schools. Provides a substantial knowledge base in the nature and needs of early adolescents, as well as, in middle school curriculum and instruction. The course also includes a field component.
Prerequisite(s): Admission to Teacher Education.
MGED 3232 Methods of Teaching Science in the Middle Grades
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Provides an overview of the basic program of science instruction in the middle grades. Research in science education, teaching techniques and methods applicable for this age level, and organization of lessons are studied. Emphasis will be placed on science concepts and principles, an application of concepts to real life situations, science and technology and the development and implementation of hands-on activities. Includes a field based component which requires planning and teaching a science unit in a middle school classroom.
Prerequisite(s): A minimum grade of "C" in MGED 3131, MSED 5333, SPED 3332 and admission to Teacher Education Program.
Corequisite(s): MGED 3731, MGED 3732.

MGED 3332 Methods of Teaching Language Arts in the Middle Grades
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Designed to study current trends for integrating language arts across the curriculum in the middle school setting. Emphasis is placed on the natural connections between writing, reading and oral expression. Instructional strategies that link writing, reading, literature and language across the curriculum will be explored. Appropriate language arts curriculum, including content and pedagogy, for early adolescents will be addressed. Students will plan and teach a language arts unit in a middle school classroom.
Prerequisite(s): A minimum grade of "C" in all of the following: MGED 3131, MSED 5333 and SPED 3332 and Admission to Teacher Education Program.
Corequisite(s): MGED 3731, MGED 3732.

MGED 3432 Methods of Teaching Social Studies in the Middle Grades
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
A study of the role of social studies in the education of early adolescents, with emphasis on understanding the historical and philosophical foundations of social studies, curriculum organization, planning and evaluation of instruction, social studies techniques and materials appropriate for early adolescent learners and current trends in social studies. Students will plan and teach a social studies unit in a middle school classroom.
Prerequisite(s): A minimum grade of "C" in all of the following: MGED 3131, MSED 5333 and SPED 3332; and Admission to Teacher Education Program.
Corequisite(s): MGED 3731, MGED 3732.

MGED 3532 Methods of Teaching Mathematics in the Middle Grades
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
A study of teaching methods and materials, curriculum content, assessment strategies, and trends in middle grade mathematics. A field based component which requires planning and teaching a mathematics unit in a middle grade classroom is required.
Prerequisite(s): A minimum grade of "C" in MGED 3131, MSED 5333, SPED 3332, and admission to Teacher Education Program.
Corequisite(s): MGED 3731, MGED 3732.

MGED 3731 Middle School Practicum I
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This practicum involves structured observations, as well as planning and teaching an instructional unit in a middle grades classroom from one selected content area: language arts, social studies, math, and science. Emphasis is placed on classroom management, instructional strategies for diverse populations of students, the integration of technology, classroom environment, and assessment of student learning.
Prerequisite(s): A minimum grade of "C" in all of the following: MGED 3131, MSED 5333 and SPED 3332; and Admission to Teacher Education Program.

MGED 3732 Middle School Practicum II
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This practicum involves structured observations, as well as planning and teaching instructional strategies for diverse populations of students, the integration of technology, and assessment of student learning.
Prerequisite(s): A minimum grade of "C" in all of the following: MGED 3131, MSED 5333 and SPED 3332; and Admission to Teacher Education Program.
Corequisite(s): MGED 3232, MGED 3332, MGED 3432, MGED 3532.

MGED 4632 Seminar in Middle Grades Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed as a culminating activity for middle grades students to apply educational theory and research to their classroom practice. Emphasis is placed on analysis of student learning and teaching effectiveness through development of a portfolio that documents and reflects on planning, assessment and instruction in the middle grades classroom.
Prerequisite(s): A minimum grade of "C" in MGED 3232 or MGED 3332 or MGED 3432 or MGED 3532.
Corequisite(s): MGED 5799.

MGED 5799 Student Teaching in Middle Grades Education
9 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A period of guided teaching during which the candidate, under the direction of a clinical supervisor, takes increasing responsibility for leading the school experiences of a given group of learners over a period of consecutive weeks and engages more or less directly in many of the activities which constitute the wide range of a teacher's assigned responsibilities.
Prerequisite(s): Completion of the teaching field and professional education courses and admission to the Student Teaching Program.
Cross Listing(s): MGED 5799G.

MGMS Valdosta State Franchise

MGMS 5180 Mathematics for Middle School Teachers
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

MGNT Management

MGNT 3130 Principles of Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides an overview of the management function, with emphasis on managerial planning, organizing, leading, and controlling.
Prerequisite(s): A minimum grade of "C" in ECON 2106.
Cross Listing(s): MGNT 3130.

MGNT 3134 Behavior in Organizations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An advanced course that examines the determinants and consequences of human behavior in formal organizations. Specific focus is on the individual, interpersonal, and group processes which underlie Organizational Behavior.
Prerequisite(s): A minimum grade of "C" in MGNT 3130.
MGNT 3234  Fundamentals of Entrepreneurship
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course surveys the fundamentals of entrepreneurship theory and practice. The basics of opportunity identification, evaluation, and exploitation as they relate to lean start-up techniques, business modelling, and different types of entrepreneurship will be covered. As part of the course, students will develop original business ideas, conduct market research on the desirability, feasibility, and usefulness of their ideas, develop prototypes and business models around their ideas, and seek external feedback and validation for all of these considerations. Special emphasis will also be placed on creativity, experimentation, reflection, and team building as ways to improve the efficiency and effectiveness of these efforts.
Prerequisite(s): Junior standing.

MGNT 3235  Leadership in Organizations
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Leadership and management are distinctly-different phenomena; to do either well requires distinctly-different skills. This course builds a bridge between the literature of leadership and its practical application. Though non-exhaustive, we explore leadership from four, broad perspectives: effective leader behaviors, the role of power and influence, the impact of situational moderators, and essential skill sets.
Prerequisite(s): A minimum grade of "D" in MGNT 3130.

MGNT 3334  Human Resource Management
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey course of the fundamentals of human resource management in organizations. The basics of Human Resource Management, systems, policies, and practices relative to functional areas such as workforce planning, employment, compensation and benefits, employee and labor relations, occupational health, safety and security will be covered. OOB students must earn a "C" or better in this class. Students with declared majors in other fields must have completed a minimum of 60 semester hours.
Prerequisite(s): Prior or concurrent enrollment in and a minimum grade of "C" in MGNT 3130.

MGNT 4030  Special Topics in Management
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A customized course that allows students to pursue further study in a specific management topic at the frontier of an area of research or a contemporary topic related to current real-world events.
Prerequisite(s): A minimum grade of "C" in MGNT 3130.

MGNT 4230  International Management
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Provides an appreciation for and an understanding of the operations of the multinational firm. Prevailing management practices of selected international companies are studied in-depth. A semester long project with a cultural focus is required.
Prerequisite(s): A minimum grade of "C" in MGNT 3130.

MGNT 4234  Intermediate Entrepreneurship
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course offers the intermediate entrepreneurship student a detailed understanding of business model development in the context of a new venture. Venture start-up and management strategies for value creation in a growing new venture will be highlighted.
Prerequisite(s): A minimum grade of "C" in MGNT 3234 and Junior standing.

MGNT 4235  New Venture Finance
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course emphasizes the financial aspects of an entrepreneurial venture. Topics include revenue forecasting, financial projections, sources of funding and evaluation of funding proposals, valuation, and exit strategies.
Prerequisite(s): A minimum grade of "C" in MGNT 3234 and prior or concurrent enrollment in MGNT 4234.

MGNT 4236  Entrepreneurship and Innovation Capstone
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This integrative course builds on and extends the knowledge acquired across all curricula in the emphasis. Students should demonstrate relative mastery in: carrying out systematic searches for exploitable ideas; evaluating the wealth-generating potential of commercializable ideas; performing viability assessments of emergent ventures; drafting business plans.
Prerequisite(s): A minimum grade of "C" in all of the following: MGNT 3234, MGNT 4234, and MGNT 4235 and Senior standing.

MGNT 4332  Compensation and Benefits
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Designed to provide the knowledge and skills required to design and implement comprehensive compensation and benefit systems. Topics include the development of compensation strategy, internal pay structures, the role of job analysis and performance evaluation, the rewarding of individuals and groups, and administration of employee benefits.
Prerequisite(s): A minimum grade of "C" in MGNT 3130, MGNT 3334, BUSA 3131.

MGNT 4333  Human Resource Information Systems
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A study of how human resource information systems are applied in organizations to support organizational strategy, improve efficiency and flexibility, increase productivity and performance, and ensure compliance with employment law. The focus will be on merging computer technology with a strategic human resource management perspective.
Prerequisite(s): A minimum grade of "C" in MGNT 3334.
Cross Listing(s): CISM 4333.

MGNT 4334  Employment Law and Legislative Compliance
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An overview of the current issues in the work environment related to the job selection process, equal employment opportunity, and the rights of workers on the market.
Prerequisite(s): A minimum grade of "C" in MGNT 3130.
Cross Listing(s): LSTD 4334.

MGNT 4335  Labor Relations
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A study of the history and the functions of labor organizations with reference to such areas as trade unions and public policy; the structure, government, and objectives of trade unions; the collective bargaining process; and the labor market.
Prerequisite(s): A minimum grade of "C" in MGNT 3130.

MGNT 4338  Staffing, Training, and Development
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A study of human resources planning, recruiting, and selection followed by a detailed investigation of training programs, evaluation of training, and personnel development.
Prerequisite(s): A minimum grade of "C" in MGNT 3130 and MGNT 3334.

MGNT 4790  Internship in Management
3-6 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
A supervised work-study program in selected business firms throughout the southeast. Any student enrolled in the internship program will be required to work for one full semester.
Prerequisite(s): Junior standing and at least one upper division course in the major. Good academic standing (minimum cumulative GPA is 2.0). Or by permission of the Department Chair.
MGNT 4830 Special Problems in Management
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
A customized course that is under the direction of a faculty sponsor. This course is designed to offer students an opportunity to pursue studies at a level or on topics not covered in scheduled courses. The scope and nature of the material covered is determined in consultation with the faculty sponsor.
Prerequisite(s): A minimum grade of “C” in MGNT 3130 and permission of instructor.

MGNT 4890 Directed Study in Management
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Designed for independent study and research in selected areas of management under faculty supervision.

MGSE Middle Grades/Secondary

MGSE 2150 Adolescent Growth/Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Developmental processes from birth through adulthood, with an emphasis on adolescence. Field experience included.

MGSE 3080 Student & Program Evaluation
3 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
Standardized tests, evaluation methods, and best practices utilizing existing content and pedagogical software, internet resources, and technical writing. Directed field experiences and field based research.

MGSE 3100 Middle School Theory/Practice
3 Credit Hours. 3 Lecture Hours. 6 Lab Hours.
History and purpose of middle school; characteristics of middle school learner, role of middle school teacher and appropriate programs and methods including directed field experiences.

MHSA Health Services Admin

MHSA 5650 Seminar in Long Term Care Administration
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Issues particular to care of residents and management in a long-term care setting. Synthesis of topics studied elsewhere including accreditation standards, human resource issues. On-site visit.

MHSA 5800 Comparative Health Care System
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An in depth survey of the structure, function, and comparative performance of a variety of health care delivery and financing systems in the U.S. and other nations of the world.

MKTG Marketing

MKTG 3131 Principles of Marketing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A basic survey of the field of marketing with emphasis upon the problems of policy determination and marketing management. Consideration is given to the international and ethical aspects of marketing decisions.
Prerequisite(s): A minimum grade of “C” and prior or concurrent enrollment in ECON 2106.

MKTG 3132 Principles of Advertising
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Stimulation of market demand through advertising media, including budgeting, research, developing the advertising appeal, selecting the media, placing copy and measuring results, as well as legal, ethical, economic, social, and global aspects of advertising.
Prerequisite(s): A minimum grade of “C” in MKTG 3131.

MKTG 3133 Professional Selling
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of methods of selling. Topics covered include analysis of prospects, knowledge of merchandise and its uses, preparation of sales presentations, methods of handling objections and closing sales, with emphasis on relationship selling. Videotaped role playing required.
Prerequisite(s): Prior or concurrent enrollment in and a minimum grade of “C” in MKTG 3131.

MKTG 3134 Business Marketing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of business to business marketing as a subset of the overall discipline of marketing.
Prerequisite(s): A minimum grade of “C” in MKTG 3131.

MKTG 3135 Principles of Retailing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines all aspects of retail store operations including store development, merchandising, human resources, promotion, and security.
Prerequisite(s): A minimum grade of “C” in MKTG 3131.

MKTG 3136 Introduction to E-Commerce
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course presents the strategic themes and issues associated with the field of e-commerce and highlights the technology, capital, public policy, and media infrastructures needed to provide the context in which business strategy operates.
Prerequisite(s): A minimum grade of “C” in MKTG 3131.

MKTG 4030 Special Topics in Marketing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A customized course that allows students to pursue further study in a specific marketing topic at the frontier of an area of research or a contemporary topic related to current real-world events.
Prerequisite(s): A minimum grade of “C” in MKTG 3131.

MKTG 4131 Marketing Research
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An activity of information gathering, analysis and interpretation for input into management decision making. Application of current practices and techniques in the marketing research industry. Requires the use of statistical software.
Prerequisite(s): A minimum grade of “C” in MKTG 3131 and BUSA 3131.

MKTG 4132 Retail Store Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A comprehensive problems analysis course that involves both qualitative and quantitative aspects of retail operations. Merchandise budgets, pricing, operations control, and environmental issues are among the topics examined in the course.
Prerequisite(s): A minimum grade of “C” in MKTG 3131 and MKTG 3135.

MKTG 4133 Sales Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Management of sales force activities. Emphasis on organization, territory design, leadership skills, motivation, and cost analysis.
Prerequisite(s): A minimum grade of “C” in MKTG 3131 and MKTG 3133.

MKTG 4134 Services Marketing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An analysis of the marketing aspects of the largest and most rapidly growing sector of the global economy. The principles and concepts of marketing are applied within the context of both consumer services and business services, in both domestic and international settings. Emphasis is placed upon the unique problems and opportunities associated with the marketing of services and the design and implementation of marketing strategies for service organizations.
Prerequisite(s): A minimum grade of “C” in MKTG 3131.
MKTG 4135 Consumer Behavior
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Application of the behavioral science approach to analysis of consumer behavior. Individual, social, sociocultural and psychological factors are studied.
Prerequisite(s): A minimum grade of "C" in MKTG 3131.

MKTG 4136 International Marketing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the mechanics of international marketing with particular focus on the influence of culture on the development of marketing strategy. Coverage of marketing topics is comprehensive with a particular focus on current events and their relationship to trade. Discussion of ethics and global responsibility are infused throughout the course.
Prerequisite(s): A minimum grade of "C" in MKTG 3131.

MKTG 4137 Marketing Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An integrative course designed to demonstrate the complexity and multi-dimensional nature of marketing decisions. Marketing policies and strategy form the marketing manager's viewpoint.
Prerequisite(s): A minimum grade of "C" in MKTG 3131 and Senior standing.

MKTG 4150 Digital Marketing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines major trends and technologies in electronic commerce (e-commerce), various internet market strategies and applications, the business implications of social media such as blogs, opinion forums, social networks, search engine marketing, and other kinds of emerging communities and applications. Prerequisite: A minimum grade of "C" in MKTG 3131.

MKTG 4232 Advanced Selling
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An advanced course that integrates and extends concepts encountered in other selling and sales- related courses. Particular emphasis is placed on negotiating skills and customer relationship management (CRM), as well as general sales-related topics including sales automation and time/ territory management. Students will be required to spend time in the field with professional salespeople and to prepare and deliver several effective sales presentations.
Prerequisite(s): A minimum grade of "C" in MKTG 3131 and Senior standing.

MKTG 4790 Internship in Marketing
3-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A supervised work-study program in selected business firms throughout the Southeast and nationally. Students will be permitted to undertake internships only after review of academic qualifications and with firms pre-approved by the Marketing faculty.

MKTG 4830 Special Problems in Marketing
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
An intensive study of some phase of emerging phase of marketing to be developed by the instructor.
Prerequisite(s): A minimum grade of "C" in MKTG 3131.

MKTG 4890 Directed Study in Marketing
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Independent study and research in selected areas of Marketing under supervision of a member of the Marketing faculty.

MKTG 5830 Marketing Independent Study
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Cross Listing(s): MKTG 5830G.

MMFP 2331 Multi-Camera Production
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This introductory course focuses on principles and essential tools of visual studio production through the use of camera, lighting, editing and storytelling. Students are expected to participate in laboratory activities and will produce a limited number of short form productions.
Prerequisite(s): A minimum grade of "C" in COMM 2332.
Corequisite(s): MMFP 2335, MMFP 2336.

MMFP 2335 Introduction to Media Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides foundational principles and techniques in a variety of applications of multimedia writing, ranging from ads to scripts.
Prerequisite(s): A minimum grade of "C" in COMM 2332.
Corequisite(s): MMFP 2336.

MMFP 2336 Audio Production and Sound Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A skills-based course that introduces students to recording techniques, audio editing and sound design for multimedia outlets including radio, television, film and internet. This course focuses on the role of audio in media storytelling.
Prerequisite(s): A minimum grade of "C" in COMM 2332.
Corequisite(s): MMFP 2335.

MMFP 3030 Selected Multimedia Topics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course offers various topics in specialized areas of multimedia study.
Prerequisite(s): A minimum grade of "C" in MMFP 2331 and MMFP 2335 and MMFP 2336 or Permission of Instructor and Departmental approval.

MMFP 3132 Studio Production
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a required course in which multimedia majors utilize and refine knowledge attained in MMFP 2331, MMFP 2335, and MMFP 2336. Students work collaboratively with classmates in meeting deadlines and producing professional quality materials that are suitable for distribution via campus broadcast or Web outlets.
Prerequisite(s): A minimum grade of "C" in MMFP 2331 And MMFP 2335 And MMFP 2336.

MMFP 3234 Directing For Screen
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Students will learn the techniques for working with actors for screen performance with particular focus on film acting. Auditioning, screen tests, and casting will also be discussed. Students will direct individual scenes for video.
Prerequisite(s): A minimum grade of "C" in MMFP 3331.

MMFP 3331 Single Camera Production
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a production course that further advances storytelling, including all steps of the production process: planning, management, time line, shot scripting, location lighting, sound, and aesthetic enhancement. Students will work individually and collaboratively in the creation of short and longer form productions.
Prerequisite(s): A minimum grade of "C" in MMFP 2331 and MMFP 2336 or MJM 3334.

MMFP 3333 Sports Broadcasting
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Students learn the structure, strategies, and techniques of sportscasting, which serves the dual role as journalism and entertainment. The course considers different content and styles of radio and television sportscasting. Assignments include broadcast coverage of athletic events and subsequent critique. This course will prepare students to tell a great sports story through aesthetic analysis, thoughtful research, careful writing, strong audio and visual elements, and performance.
Prerequisite(s): A minimum grade of "D" in all of the following: MMFP 2335, MMFP 2336 or MJM 3334.
MMFP 3431 Broadcast Performance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Broadcast Performance provides techniques to become a more effective oral and visual communicator. Course content includes techniques in analyzing and improving voice, pronunciation, inflection and articulation. Students will also learn announcing techniques required in a variety of applications, such as news reporting, commercial delivery, and narration.
Prerequisite(s): A minimum grade of "C" in COMM 1110 and MMFP 2336 or MMJ 3334.

MMFP 3436 Advanced Audio Production
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Advanced Audio Production introduces students to advanced recording and audio editing techniques. Students will plan, develop and produce a wide range of audio production types in long-form areas such as news, documentary, or uses of music and special effects to support drama and/or visual sound track activities. Final projects are expected to be of the quality necessary for public airing and submission to competitions.
Prerequisite(s): A minimum grade of "C" in MMFP 2331 and MMFP 2335 and MMFP 2336.

MMFP 3531 Screenwriting for Film and Television
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Students will demonstrate the ability to develop scripted film and television content utilizing industry standard formatting. Students will further demonstrate the ability to adapt scripted film and television content for diverse audiences.
Prerequisite(s): A minimum grade of "C" in MMFP 2331.

MMFP 3533 Narrative Film Production
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Collaborating in small crews, students produce and edit original short fiction film and television content, based on scripts developed in previous major courses. Course work will investigate the multiple safety and operational functions of crew positions as well as independent alternatives to the Hollywood genre, blockbuster, and large-scale production systems.
Prerequisite(s): MMFP 3331.

MMFP 4090 Multimedia Applications
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
Change Catalog Description to: This is a laboratory course in which multimedia majors utilize and refine knowledge attained in previous courses to produce professional-quality audio, video or film productions. Students produce projects and work collaboratively with classmates in meeting deadlines and producing materials that are suitable for distribution via campus broadcast or Web outlets.
Prerequisite(s): A minimum grade of "C" in MMFP 3331.

MMFP 4131 Television Pilot
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a project-centered course that will be typically centered, but not limited to multiple camera techniques. In this course students will prepare and produce a finished television pilot with fundamental roles to include director, casting director, camera operator, floor manager, location recording, boom operator, grip, gaffer, as well as roles in post-production. The course may also incorporate a live studio audience for production.
Prerequisite(s): A minimum grade of "C" in MMFP 3132.

MMFP 4132 Studio Applications
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is an elective course in which multimedia majors utilize and refine knowledge attained in previous courses to produce professional-quality studio productions. Students produce projects and work collaboratively with classmates in meeting deadlines and producing materials that are suitable for distribution via professional broadcast, web, or industry broadcast outlets.
Prerequisite(s): A minimum grade of "C" in MMFP 3132.

MMFP 4135 Lighting and Cinematography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores advanced techniques and styles of lighting and cinematography. Classes explore the language and aesthetics of visual storytelling and ways in which movement, lenses, exposure, lighting setups, camera settings and post production techniques affect the digital image. Over the course of the semester, students will shoot footage with the goal of producing a professional portfolio of work.
Prerequisite(s): A minimum grade of "C" in MMFP 2331 and MMFP 3331.

MMFP 4331 Sports Production
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Sports Production provides the techniques to produce/direct video productions of live sporting events along with the skills needed to operate the equipment associated with such productions. Course content includes techniques for producing/directing, operations of cameras, audio mixing, graphic replay, and switching equipment for a variety of live sports video coverage.
Prerequisite(s): A minimum grade of "C" in: MMFP 2331 and MMFP 2336 and MMJ 3231 or MMFP 3331.

MMFP 4335 Documentary Writing and Production
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the aesthetic and technical fundamentals of documentary writing and production. Students will engage in theoretical and ethical issues of documentary, and gain practical experience by researching, writing, planning and producing an original documentary project.
Prerequisite(s): A minimum grade of "C" in MMFP 2331.

MMFP 4337 Digital Media Post Production
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores advanced concepts and techniques in non-linear digital video editing. Students will edit a variety of fiction and non-fiction film and video projects and gain practical post production experience including audio sweetening, color correction and special effects. Productions will be suitable for television and Web broadcast.
Prerequisite(s): A minimum grade of "C" in MMFP 3331.

MMFP 4431 Senior Project I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is the first course in an advanced, two-semester sequence in which each student works as part of a team in the creation of a research, corporate training or narrative film, or TV pilot or documentary. This course focuses on production conceptualization, scriptwriting and storyboarding, production management, set and costume design and a creation of a production timeline. In addition, students will submit a portfolio and production reel of their previous work and pass a comprehensive exam that documents their grasp of knowledge and skills they have learned during their program of study.
Prerequisite(s): A minimum grade of "C" in MMFP 3331.

MMFP 4432 Senior Project II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is the second course in an advanced, two-semester sequence in which each student works as part of a team in the completion of an audio documentary, corporate training or narrative film, or TV pilot or documentary. Students will audio record and edit and/or video shoot and edit, create a business and marketing plan, develop a promotional website and premier the work at a public screening.
Prerequisite(s): A minimum grade of "C" in MMFP 4431 and FILM 2200.
MMJ Multimedia Journalism

MMJ 2331 Introduction to Journalism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an introductory study of the role of journalism with fundamental instruction and practice in writing across multiple platforms.
Prerequisite(s): A minimum grade of "C" in ENGL 1101 or WRIT 1101.

MMJ 3030 Selected Topics in Multimedia Journalism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course covers other various topics in specialty areas of multimedia journalism.
Prerequisite(s): Department approval.

MMJ 3100 News Reporting and Writing I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides theory, instruction, and practice in a variety of news gathering and writing using print and online forms and independent assignments.
Prerequisite(s): A minimum grade of "C" in MMJ 2331.

MMJ 3200 News Reporting and Writing II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides theory, instruction, and practice in a variety of news gathering and writing using broadcast and radio forms and independent assignments.
Prerequisite(s): A minimum grade of C in MMJ 2331.

MMJ 3332 Feature Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this course, students survey the gathering and writing of various forms of feature stories and in-depth news feature stories for newspapers and magazines, emphasizing research, investigation, and interview techniques.
Prerequisite(s): A minimum grade of "C" in MMJ 2331.

MMJ 3333 Photojournalism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides theory, instruction and practice in the process of photography for the print and digital media, with special emphasis on gathering and editing pictorial material for print and online platforms.
Prerequisite(s): A minimum grade of "C" in MMJ 2331.

MMJ 3334 Audio Production for Journalists
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Audio Production for Journalists is a skills-based course that introduces students to basic field and studio recording techniques, audio editing, and sound design for multimedia journalism outlets including radio, television, and the internet. Students are required to write news scripts that will be used in production assignments. This course focuses on the role of audio in journalistic storytelling.
Prerequisite(s): A minimum grade of "C" in MMJ 3100 and MMJ 3200.

MMJ 3335 Copy Editing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides instruction and practice in the fundamentals of news editing, including copy editing, grammar, journalistic style, headline writing, photo editing, and basic typography. Focuses on design skills needed to create daily or weekly newspaper, either in print or online.
Prerequisite(s): A minimum grade of "C" in MMJ 2331.

MMJ 3460 Travel and Tourism Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to travel writing, the rhetoric of tourism, and the forms of writing relevant to contemporary tourism.
Prerequisite(s): A minimum grade of "C" in MMJ 2331.

MMJ 3631 Fundamentals of Multimedia Journalism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course orients students to multimedia communication and discusses how multimedia communication is changing journalism. It offers students theory, instruction and practice in the foundational tools of digital storytelling.
Prerequisite(s): A minimum grade of "C" in MMJ 3100.

MMJ 3711 Multimedia Journalism Practicum
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
This course provides limited supervised experience through appropriate on-campus media outlets where students are required to produce several publishable news stories regarding a variety of topics.

MMJ 4190 Multimedia Journalism Applications
3 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
This lab-based course provides students hands-on experience producing video and audio news content for distribution through university-based media outlets and/or the internet, as well as writing and editing stories for an online forum.
Prerequisite(s): A minimum grade of "C" in MMJ 3100 and MMJ 3200.

MMJ 4332 Sports Journalism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the theory, instruction and practice of sports journalism across multimedia platforms. Course topics include game coverage, sports-related features, sports columns and sports analysis.
Prerequisite(s): A minimum grade of "C" in MMJ 3100 and MMJ 3200.

MMJ 4333 Opinion Journalism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this course, students analyze the principles and roles of the various forms of opinion in journalism. This course offers practice in multi-platform opinion research and writing.
Prerequisite(s): A minimum grade of "C" in MMJ 3100 and MMJ 3200.

MMJ 4334 Magazine Writing and Editing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides instruction in magazine writing with an emphasis on writing magazine articles of varying lengths and instruction in editing, layout and design.
Prerequisite(s): A minimum grade of "C" in MMJ 3100 and MMJ 3200.
MMJ 4336 Digital Journalism
3 Credit Hours. 0 Lab Hours.
This course focuses on the theory, instruction and practice of news delivery over the Internet. Students will practice real-time reporting and writing on the Internet utilizing multimedia elements. This is not a traditional journalism course offered online, but a course which teaches students to publish news on an Internet-based news outlet.
Prerequisite(s): A minimum grade of "C" in MMJ 3100 and MMJ 3200 and MMJ 3631.

MMJ 4337 STEM Journalism
3 Credit Hours. 0 Lab Hours.
This course focuses on the theory, instruction and practice of multimedia journalistic coverage of science, technology, engineering and mathematics (STEM). Journalism related to health and the environment will also be covered.
Prerequisite(s): A minimum grade of "C" in MMJ 3100 and MMJ 3200.

MMJ 4339 Public Affairs Reporting
3 Credit Hours. 0 Lab Hours.
This capstone course will focus on the theory, instruction and practice of in-depth public affairs reporting, which is designed to serve the audience needs for quality information on matters of public affairs. Students produce multimedia pieces on an issue of public importance.
Prerequisite(s): Minimum grade of C in MMJ 3100, MMJ 3200, and MMJ 3631, and MMJ 3334 or MMJ 3335.

MMJ 4721 Multimedia Journalism Practicum
2 Credit Hours. 0 Lab Hours. 0 Lecture Hours.
MMJ This course augments the training first provided in MMJ 3711 - Multimedia Journalism Practicum by offering additional and enhanced opportunities to develop primary journalistic skills through work on-with on-campus media outlets.
Prerequisite(s): MMJ 3711, departmental approval required.

MMJ 4791 Multimedia Journalism Internship
3 Credit Hours. 0 Lab Hours. 0 Lecture Hours.
This course provides multimedia journalism majors with supervised practical experience on a full-time basis at an approved media site. All students are required to earn a C in MMJ 3331 before applying for an internship. A maximum of three hours of internship credit may be applied to the MMJ degree program.
Prerequisite(s): A minimum grade of "C" in MMJ 3100 and MMJ 3200 or departmental approval required and 2.75 GPA.

MMJ 4831 Directed Study in Multimedia Journalism
3 Credit Hours. 0 Lab Hours. 0 Lecture Hours.
Students conduct in-depth studies of issues associated with multimedia journalism.
Prerequisite(s): Departmental approval required.

MSCI Military Science

MSCI 1111 Introduction to Military Science
1 Credit Hour. 0 Lecture Hours. 4 Lab Hours.
Instruction provides the basics of the U.S. Army and its role in National Defense. Includes the following subjects: the role of the U.S. Army in national defense, organization and branches of the U.S. Army, and its role, customs and traditions of the service, military writing, implementing a personal physical fitness program, role of the ARNG and USAR, and roles of the commissioned and non-commissioned officer.
Corequisite(s): MSCI 1510.

MSCI 1122 Basic Military Leadership
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Continues the development of critical military skills, leadership, and management techniques. Provides basic leadership techniques and principles, professional ethics and senior subordinate relationships. Skills development includes instruction in basic marksmanship techniques including safety procedures and firing Army small arms weaponry. One weekend field trip is required.

MSCI 1510 Mountaineering
1 Credit Hour. 0 Lecture Hours. 4 Lab Hours.
A course designed to introduce mountaineering skills, fundamentals and knowledge.
Cross Listing(s): KINS 1510.

MSCI 2121 Basic Military Skills
2 Credit Hours. 0-2 Lecture Hours. 0-2 Lab Hours.
Instruction and practical exercises covering basic skills necessary as a future leader in the U.S. Army. Includes the following subjects: land navigation and map reading, basic first aid, survival and communications.

MSCI 2122 Basic Military Tactics
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Introduces students to the fundamentals of Army leadership and management techniques. Focus is placed on the mission, organization, and composition of small unit teams, principles of offensive operations stressing firepower, movement, communications techniques and introduction to troop leading procedures.

MSCI 2731 Basic Military Skills Practicum (Basic Camp)
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The Basic Camp Course is offered for those students who have not yet met the Basic Course requirements and desire to enroll in the Advanced Course program. This course is currently conducted at Fort Knox, Kentucky, during the summer. Students may earn three credit hours for attending this course through registration at the Registrar's Office upon completion of the course and coordination through the Military Science Department. Students attending this camp are paid and given a travel allowance from their home to camp and back.

MSCI 3131 Advanced Tactics and Applied Leadership I
3 Credit Hours. 0-3 Lecture Hours. 0-2 Lab Hours.
Instruction on the principles of leadership and the leader's role in directing small units in a variety of tactical scenarios. Emphasis is placed on developing and executing orders, troop leading procedures and squad tactical reaction procedures. Land navigation and communication subjects are also included in the course.

MSCI 3132 Advanced Tactics and Applied Leadership II
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Continued instruction on the principles of leadership and the leaders' role in directing small units in a tactical environment. Emphasis is placed on offensive and defensive tactics, patrolling techniques, and conducting after action reviews. Instruction on management and leadership techniques emphasizes Green Tab Leadership and leadership assessment.

MSCI 3230 Readings in Military History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The Pre-Commissioning Military History course covers military history from early colonial warfare in the eighteenth century to the global war on terrorism in the twenty-first century. The purpose of this course is to lead Reserve Officer Training Corps (ROTC) Cadets to understanding the role military officers have played in the development of our country. Completion of this block of instruction is a prerequisite for commissioning as a Lieutenant in the United States Army. A grade of "C" or better is required to commission.
MSci 3731 Advanced Military Skills Practicum (Advanced Camp) 3 Credit Hours. 0 Lecture Hours. 0 Lab Hours. The ROTC Advanced Camp is the most important training event for an Army ROTC. The 32-day training event incorporates a wide range of subjects designed to develop and evaluate leadership ability. The challenges are rigorous and demanding, both mentally and physically. Advanced Camp tests intelligence, common sense, ingenuity and stamina. These challenges provide a new perspective on an individual's ability to perform exacting tasks and to make difficult decisions in demanding situations. This course is mandatory for all students wishing to seek a commission in the U.S. Army but registration is not required. Students may earn three credit hours for attending this course through registration at the Registrar's office upon completion of the course and coordination through the Military Science Department. Prerequisite(s): A minimum grade of "C" in MSCI 3131 and MSCI 3132.

MSci 3732 Advanced Military Nursing Skills Practicum (Advanced Camp Clinical) 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. The study and practical application of nursing skills and leadership ability during a three week (120 clinical hour) encampment experience. Encampment and training is conducted at the Army Medical Department Facility of the students choice in a nursing area of interest to the student. Instructor to student ratio is one to one. Instruction and evaluation is done by a BSN prepared registered nurse.

MSci 3733 Cultural Understanding and Leadership Program (CULP) 3 Credit Hours. 0 Lecture Hours. 0 Lab Hours. The Cultural Understanding and Leadership Program (CULP) Course provides an opportunity for Cadets to develop leadership attributes and core leader competencies through understanding of different cultures. Cadets will study the unique culture of an assigned region, recognize the different approaches to problem solving that are culturally based, and perform leadership roles and functions within a team during deployment to a region (the course will be offered at a U.S Army facility in the region of study).

MSci 3734 Ranger Challenge 2 Credit Hours. 0 Lecture Hours. 0 Lab Hours. Designed to be both mentally and physically demanding, Cadets must demonstrate effective leadership, sound knowledge, and a high level of stamina and agility. Cadets will be tested in land navigation, weapons assembly and disassembly, basic rifle marksmanship, grenade assault course, one-rop bridge, obstacle course, road march, and Army Physical Fitness Test. The extensive training is conducted both in and out of the classroom and culminates in team competitions, with the potential to move on to state, regional, and international levels. Some training sessions and competitions will require travel.

MSci 4131 Military Leadership and Management Seminar 3 Credit Hours. 0-2 Lecture Hours. 0-2 Lab Hours. Instruction covers U.S. Army Command and Staff functions. Military and professional knowledge topics include writing in the Army style, oral communications, conducting briefings, preparing to conduct training and evaluating training. Topics in Military Justice System will be introduced to include the Law of Land Warfare and Code of Conduct. Cross Listing(s): MSCI 4131S.

MSci 4132 Transition to Lieutenant 3 Credit Hours. 2 Lecture Hours. 2 Lab Hours. Instruction prepares MS IV cadets in their transition from Cadet/student to commissioned officer. Instruction covers leadership ethics and case studies, personnel, logistics, intelligence systems, and additional basic knowledge an individual needs to become a professional officer. Covers Army Officer personal affairs, education, evaluation systems, counseling techniques and Officer-NCO relations.

MSci 4890 Military Science Independent Study 1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours. This course is designed to complement the military education and leadership development of cadets through independent studies in such topics as mission analysis, war gaming, military decision making process, course of action development, revolutions in military affairs, application of technology in the military, troop leading procedures, and other similar topics. This course will help students remain proficient in the military skills they will need upon their commissioning and for future officer training.

MSED Middle Grades & Second Ed

MSED 4130 Teaching Global Issues in Middle/Secondary Classrooms 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. This course is designed to provide teacher candidates with opportunities to both learn about significant historical and contemporary global issues and how to design learning activities to engage young adolescents in similar inquiries. Teacher candidates will investigate a range of issues including poverty, climate change, human conflict, and the spread of disease from a regional and global perspective. They will use this newly acquired knowledge to locate and evaluate curriculum materials for use in middle grades social studies classrooms and to design instructional units aligned with the Georgia Standards of Excellence for Social Studies.

MSED 5333 Literature and Writing for the Middle and Secondary Schools 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. An intensive study of instructional strategies appropriate for integrating literature and writing instruction. Special attention will be given to identifying and accommodating reading and writing needs of diverse adolescent learners, as well as evaluating the effectiveness of instruction. Students will learn to develop cross-curricular instruction, diagnose reading problems, provide individualization feedback, as well as employ appropriate intervention and assessment methods. Cross Listing(s): MSED 5333G. Corequisite(s): MGED 3131.

MUSA Applied Music

MUSA 1100 Applied Music 1 Credit Hour. 0 Lecture Hours. 0 Lab Hours. Prerequisite(s): A minimum grade of "C" in all of the following: MUSC 2334 and MUSC 2512 and MUSC 2514.

MUSA 1200 Applied Music 2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

MUSA 2100 Applied Music 1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.

MUSA 2101 Recital 0 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

MUSA 2129 Applied Music - Composition 2 Credit Hours. 1 Lecture Hour. 0 Lab Hours. Prerequisite(s): A minimum grade of "C" in MUSC 1311 and MUSC 1332 and MUSC 1514.

MUSA 2200 Applied Music 2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

MUSA 3100 Applied Music 1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.

MUSA 3101 Junior Recital 0 Credit Hours. 0 Lecture Hours. 0 Lab Hours. Prerequisite(s): A minimum grade of "C" in all of the following: MUSC 2334 and MUSC 2512 and MUSC 2514.

MUSA 3129 Intermediate Composition 2 Credit Hours. 1 Lecture Hour. 0 Lab Hours.
MUSA 3200 Applied Music
2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

MUSA 4100 Applied Music
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.

MUSA 4111 Senior Recital
0 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

MUSA 4129 Advanced Composition
2 Credit Hours. 1 Lecture Hour. 0 Lab Hours.

MUSA 4200 Applied Music
2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

MUSA 4300 Applied Music
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

MUSA 5110 Coaching for Singers
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.

MUSC Music

MUSC 1100 Music Appreciation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the development of listening skills, the fundamental elements of music, a historical survey of major periods and styles in Western music, and music in selected non-Western cultures.

MUSC 1311 Introduction to Composition
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Introduction to the development of listening skills, the fundamental elements of music, a historical survey of major periods and styles in Western music, and music in selected non-Western cultures.

MUSC 1315 Guitar Class Non-Major
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Basic elements of guitar performance for non-music majors.

MUSC 1316 Voice Class Non-Major
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Basic elements of vocal performance for non-music majors.

MUSC 1331 Music Theory I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Development of a command of the fundamental elements in music notation and structure, paralleling the work in MUSC 1513. Emphasizes notation, scales, tonality, intervals, harmony, cadences, nonharmonic tones, texture, and melodic organization.

MUSC 1332 Music Theory II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continuation of the manipulation of elements in music notation and structure, paralleling the work in MUSC 1514. Emphasizes voice-leading in two and four voices, harmonic progression and rhythm, the dominant seventh chord, leading-tone seventh chords, and non-dominant seventh chords.
Prerequisite(s): A minimum grade of "C" in MUSC 1331.

MUSC 1333 Music Fundamentals I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Basic music theory with emphasis on note reading, understanding scales and rhythms, simple chord formations and their applications, basic relationships between melody and harmony and reading melodies at sight.

MUSC 1334 Music Fundamentals II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Further study in melodic and harmonic relationships with emphasis on chord symbols, and chord progressions through the study and analysis of musical compositions.
Prerequisite(s): MUSC 1333.

MUSC 1511 Group Piano I
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
The study of keyboard theory and development of functional piano skills at the elementary level with emphasis on harmonization, sight-reading transposition, improvisation, and scales and chords.

MUSC 1512 Group Piano II
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Continuation of skills begun in MUSC 1511
Prerequisite(s): A minimum grade of "C" in MUSC 1511.

MUSC 1513 Aural Skills I
1 Credit Hour. 1 Lecture Hour. 1 Lab Hour.
Development in aural perception and sight-singing skills to parallel the work in MUSC 1331. Emphasizes melodic and harmonic dictation and sight-singing.

MUSC 1514 Aural Skills II
1 Credit Hour. 1 Lecture Hour. 1 Lab Hour.
Development in aural perception and sight-singing skills to parallel the work in MUSC 1332. Emphasizes melodic and harmonic dictation and sight-singing.
Prerequisite(s): A minimum grade of "C" in MUSC 1513.

MUSC 1515 Technology in Music
1 Credit Hour. 1 Lecture Hour. 1 Lab Hour.
Introduction to the uses of technology in music, including acoustics, hardware/software, digital keyboards and MIDI sequence recording and editing. Supervised lab work with digital synthesizers and computers.

MUSC 2280 Group Piano Non-Music Majors
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Keyboard literature and techniques at the beginning and elementary levels. May be repeated for credit.

MUSC 2311 Jazz Improvisation I
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Theory and techniques of jazz improvisation with emphasis on functional harmony, melodic form, and development of style.
Prerequisite(s): A minimum grade of "C" in MUSC 1332 and MUSC 1514.

MUSC 2312 Jazz Improvisation II
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Theory and techniques of jazz improvisation with emphasis on functional harmony, melodic form, and development of style.
Prerequisite(s): A minimum grade of "C" in MUSC 2311.

MUSC 2320 Woodwind Methods
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Principles of woodwind instrument performance and pedagogy.

MUSC 2333 Music Theory III
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of traditional, chromatic, and twentieth century forms and melodic/harmonic practices. Exercises in composition are included.
Prerequisite(s): A minimum grade of "C" in MUSC 1332.

MUSC 2334 Music Theory IV
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of traditional, chromatic, and twentieth century forms and melodic/harmonic practices. Exercises in composition are included.
Prerequisite(s): A minimum grade of "C" in MUSC 2333.

MUSC 2411 Diction for Singers I
1 Credit Hour. 1 Lecture Hour. 1 Lab Hour.
Focuses on the study of the International Phonetic Alphabet and its application to the Italian, English, and Latin languages within the standard vocal literature.

MUSC 2412 Diction for Singers II
1 Credit Hour. 1 Lecture Hour. 1 Lab Hour.
Focuses on the study of the International Phonetic Alphabet and its application to the German, French, and Spanish languages within the standard vocal literature.
MUSC 2311 Piano Pedagogy I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the teaching of piano at the elementary level through
an examination of beginning methods and materials, teaching techniques,
and studio management.

MUSC 2511 Group Piano III
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Continuation of skills developed in MUSC 1512 at the intermediate level,
with additional work in score reading and accompanying.
Prerequisite(s): A minimum grade of "C" in MUSC 1512.
MUSC 2512 Group Piano IV
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Continuation of skills developed in Group Piano III. Final Exam serves as
the Piano Exit Exam.
Prerequisite(s): A minimum grade of "C" in MUSC 2511.

MUSC 2513 Aural Skills III
1 Credit Hour. 1 Lecture Hour. 1 Lab Hour.
Development of aural perception and sight-singing. Emphasis on melodic
and harmonic dictation and error detection. Supervised lab sessions for
ear training practice.
Prerequisite(s): A minimum grade of "C" in MUSC 2514.
MUSC 2514 Aural Skills IV
1 Credit Hour. 1 Lecture Hour. 1 Lab Hour.
Development of aural perception and sight-singing. Emphasis on melodic
and harmonic dictation and error detection. Supervised lab sessions of ear
training practice.
Prerequisite(s): A minimum grade of "C" in MUSC 2513.

MUSC 2560 Wind Ensemble
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
Repertoire selection from standard wind ensemble literature. Public
performances required.
MUSC 2621 Introduction to Music Education
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
History and philosophy of music education, basic teaching methods,
lesson planning skills, and familiarity with professional resources and the
Georgia Performance Standards. Because this course includes a field
experience component, it must be taken on the student's home campus.
Prerequisite(s): A minimum grade of "C" in MUSC 1512 and MUSC
1332.

MUSC 3031 Selected Topics in Music
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Topics vary with individual professor.
MUSC 3111 Method and Pedagogy, Violin/Viola I
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
This course emphasizes string techniques in terms of methodology with an
organized method of teaching approaches.
MUSC 3112 Method and Pedagogy, Violin/Viola II
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
This course emphasizes string techniques in terms of methodology with an
organized method of teaching approaches which will include practical
training and repertoire application.
MUSC 3120 Form and Analysis
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Principles of form in music, including imitative techniques and forms, and
techniques of harmonic analysis. Open only to music majors.
Prerequisite(s): A minimum grade of "C" in MUSC 2334.
MUSC 3131 History of Music I
3 Credit Hours. 3 Lecture Hours. 1 Lab Hour.
A chronological survey of music from antiquity to the end of the Baroque
period, emphasizing issues of style, performance practice, musical
aesthetics, and cultural context.
Prerequisite(s): HIST 1112.
MUSC 3132 History of Music II
3 Credit Hours. 3 Lecture Hours. 1 Lab Hour.
A chronological survey of music from the classic period to the present,
emphasizing issues of style, performance practice, musical aesthetics, and
cultural context.
Prerequisite(s): HIST 1112.
MUSC 3211 Instrumental Methods I
1 Credit Hour. 2 Lecture Hours. 0 Lab Hours.
Designed for the choral music education student, this course provides an
overview of theoretical and practical knowledge of the woodwind and
string families. This course is intended for Music majors and students must
be admitted to the Music Education program before enrolling in the course.
Prerequisite(s): Admission to the Music Education program.
MUSC 3212 Instrumental Methods II
1 Credit Hour. 2 Lecture Hours. 0 Lab Hours.
This course emphasizes acquisition of theoretical and practical knowledge of percussion instruments. It includes instructional application through
playing and the study of methods and materials. This course is intended
for Music majors and students must be admitted to the Music Education
program before enrolling in the course.
Prerequisite(s): Admission to the music education program.
MUSC 3215 String Methods
1 Credit Hour. 2 Lecture Hours. 0 Lab Hours.
This course emphasizes acquisition of theoretical and practical knowledge of string instruments. It includes instructional application through playing and the study of methods and materials. This course is intended for Music majors and students must be admitted to the Music Education program before enrolling in the course.
Prerequisite(s): Admission to the music education program.
MUSC 3216 Voice Class
1 Credit Hour. 2 Lecture Hours. 0 Lab Hours.
This course is designed to teach the elements of healthy voice production to instrumental majors in the music education program. It includes
study of breathing for singing, elements of balanced tone production, an introduction to the International Phonetic Alphabet, and instructional
application through singing and study of methods and materials. This course is intended for Music majors and students must be admitted to the Music Education program before enrolling in the course.
Prerequisite(s): Admission to the music education program.
MUSC 3217 Woodwind Methods
1 Credit Hour. 2 Lecture Hours. 0 Lab Hours.
This course emphasizes acquisition of theoretical and practical knowledge of woodwind instruments. It includes instructional application through playing and the study of methods and materials. This course is intended for Music majors and students must be admitted to the Music Education program before enrolling in the course.
Prerequisite(s): Admission to the music education program.
MUSC 3218 Brass Methods
1 Credit Hour. 2 Lecture Hours. 0 Lab Hours.
This course emphasizes acquisition of theoretical and practical knowledge of brass instruments. It includes instructional application through playing and the study of methods and materials. This course is intended for Music majors and students must be admitted to the Music Education program before enrolling in the course.
Prerequisite(s): Admission to the music education program.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Lecture Hours</th>
<th>Lab Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 3232</td>
<td>Elementary Methods and Materials in Music</td>
<td>3</td>
<td>2</td>
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<td></td>
<td>This course is designed for the music specialist in the elementary school, with an emphasis on materials and methodology used in preschool through grade eight. Opportunities will be provided for observing, planning, and teaching in the elementary school classroom. Restricted to music majors. Because this course includes a field experience component, it must be taken on the student's home campus. <strong>Prerequisite(s):</strong> Admission to the Teacher Education Program.</td>
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<tr>
<td>MUSC 3300</td>
<td>Music Teaching Lower Schools I</td>
<td>2</td>
<td>2</td>
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<td></td>
<td>Analysis and evaluation of pedagogical approaches and materials for teaching general and vocal music in the lower school (K-12). Includes teaching practica. Open only to music majors.</td>
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<tr>
<td>MUSC 3310</td>
<td>Music Teach Middle/High School</td>
<td>2</td>
<td>2</td>
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<td></td>
<td>Analysis and evaluation of pedagogical approaches and materials for teaching general music in the middle and high schools. Includes history of music education, design of curriculum and lesson planning, and teaching practica. Open only to music majors.</td>
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<tr>
<td>MUSC 3311</td>
<td>Jazz Improvisation III</td>
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<td></td>
<td>Theory and techniques of Jazz improvisation with emphasis on functional harmony, melodic form, and development of style. <strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in MUSC 3312.</td>
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<tr>
<td>MUSC 3312</td>
<td>Jazz Improvisation IV</td>
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<td></td>
<td>Theory and techniques of Jazz improvisation with emphasis on functional harmony, melodic form, and development of style. <strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in MUSC 3311.</td>
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<tr>
<td>MUSC 3320</td>
<td>Music Teaching Lower School II</td>
<td>2</td>
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<td></td>
<td>Continuation of MUSC 3310 with emphasis on the Orff, Kodaly, and DBME strategies in teaching elementary music. Includes teaching practica. <strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in MUSC 3300.</td>
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<tr>
<td>MUSC 3330</td>
<td>Band Methods</td>
<td>2</td>
<td>2</td>
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<tr>
<td></td>
<td>Organization and development of school band ensembles and problems of teaching instrumental music. Includes a laboratory experience which stimulates ensemble rehearsals.</td>
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<tr>
<td>MUSC 3334</td>
<td>Survey of Latin American Music</td>
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<td>Survey of Latin American Music covers traditional, popular, and classical music from the region as well as the historic and social contexts of their evolution.</td>
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<tr>
<td>MUSC 3335</td>
<td>History of Rock &amp; Roll</td>
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<td>This course provides a survey of the history of rock-and-roll music and its impact on and reflection of the broader culture.</td>
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<tr>
<td>MUSC 3340</td>
<td>Secondary Choral Methods</td>
<td>2</td>
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<td></td>
<td>Development of skills organizing, teaching, and conducting choral music in secondary schools. Includes a laboratory experience which provides an opportunity for students to conduct ensemble rehearsals.</td>
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<tr>
<td>MUSC 3411</td>
<td>Brass Pedagogy</td>
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<td></td>
<td>This course is a survey of teaching techniques (studio teaching of instruments). <strong>Prerequisite(s):</strong> Admission to the music performance program.</td>
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<tr>
<td>MUSC 3412</td>
<td>Percussion Pedagogy</td>
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<td></td>
<td>This course is a survey of teaching techniques (studio teaching of instruments). <strong>Prerequisite(s):</strong> Admission to the music performance program.</td>
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<tr>
<td>MUSC 3413</td>
<td>String Pedagogy</td>
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<td></td>
<td>This course is a survey of teaching techniques (studio teaching of instruments). <strong>Prerequisite(s):</strong> Admission to the music performance program.</td>
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<tr>
<td>MUSC 3414</td>
<td>Woodwind Pedagogy</td>
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<td></td>
<td>This course is a survey of teaching techniques (studio teaching of instruments). <strong>Prerequisite(s):</strong> Admission to the music performance program.</td>
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<tr>
<td>MUSC 3420</td>
<td>Piano Literature I</td>
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<td></td>
<td>The study of solo piano music from the late Baroque Period through the compositions of Beethoven, with special attention given to representative genres and composers.</td>
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<tr>
<td>MUSC 3421</td>
<td>Piano Literature I</td>
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<td></td>
<td>Covers the principle genres of solo piano music from the early Romantic Period through the Impressionist Period, with formal and stylistic analysis of specific representative works by the principal composers.</td>
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<tr>
<td>MUSC 3422</td>
<td>Piano Literature II</td>
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<td></td>
<td>Study of the historical development of the Italian, French, and Spanish song literature, focusing on selected works of representative composers in each stylistic period. <strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in MUSC 2411 and MUSC 2412.</td>
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<tr>
<td>MUSC 3423</td>
<td>Vocal Literature I</td>
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<td></td>
<td>Study of the historical development of the German and English song literature, focusing on selected works of representative composers in each stylistic period. <strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in MUSC 2411 and MUSC 2412.</td>
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<tr>
<td>MUSC 3424</td>
<td>Vocal Literature II</td>
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<td></td>
<td>Study of the historical development of the German and English song literature, focusing on selected works of representative composers in each stylistic period. <strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in MUSC 2411 and MUSC 2412.</td>
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<tr>
<td>MUSC 3430</td>
<td>Piano Pedagogy</td>
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<td></td>
<td>This course is an introduction to the teaching of piano at the pre-school, adult and intermediate levels. <strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in MUSC 2431.</td>
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<tr>
<td>MUSC 3435</td>
<td>Imagine: The Music of the Beatles</td>
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<td>An examination of the music of the Beatles in the context of the popular culture of the 1950s and 1960s. While attention will be given to the history and development of the Beatles as a group, the course will focus primarily on the songs themselves.</td>
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<tr>
<td>MUSC 3440</td>
<td>Music Management</td>
<td>3</td>
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<td>Theory and practice in music programming management, including audience analysis and development, publicity, promotions, and marketing tools developed.</td>
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<tr>
<td>MUSC 3510</td>
<td>Savannah Winds</td>
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<td>Concert band consisting of rehearsals and performances of a wide variety of repertoire. Open to all qualified students.</td>
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</tr>
</tbody>
</table>
MUSC 3530 Vocal Chamber Ensemble
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Repetoire selected from the Renaissance to contemporary vocal chamber literature. Membership open to all students by audition.
Corequisite(s): MUSC 3540.
MUSC 3540 University Chorale
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
Repetoire selected from standard choral concert literature.
MUSC 3560 Wind Ensemble
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
Advanced concert band consisting of rehearsals and performances of a wide variety of repertoire. Open to all qualified students.
MUSC 3610 Orchestration
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Techniques of orchestration; arranging for instrumental and choral groups. Open only to music majors.
Prerequisite(s): A minimum grade of "C" in MUSC 2334.
MUSC 4120 Countertop
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Contrapuntal practices of 18th century music. Open only to music majors.
Prerequisite(s): A minimum grade of "C" in MUSC 2334.
MUSC 4211 Marching Band Techniques
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
This course examines the development of marching band over time. Students are introduced to basic concepts in marching techniques, marching band administration, drill writing, and drumline.Students gain competence in drill writing software, developing a policy and procedures handbook, and administering color guard and majorette techniques.
MUSC 4230 Choral Repertoire
2 Credit Hours. 2 Lecture Hours. 1 Lab Hour.
Literature and related performance practice for school choral ensembles. Includes a laboratory experience which provide opportunities for students to teach the literature and apply performance-practice concepts in ensemble rehearsals.
MUSC 4240 Band Repertoire
2 Credit Hours. 2 Lecture Hours. 1 Lab Hour.
Literature and performance practice for school instrumental ensembles. Includes a laboratory situation to simulate an ensemble setting.
MUSC 4280 Marching Band Techniques
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Organization and development of a school marching band, including drill writing, scoring and rehearsal techniques. Must have passed Rising Junior Exam.
MUSC 4411 Basic Conducting
1 Credit Hour. 1 Lecture Hour. 1 Lab Hour.
A practical course directed toward the cultivation and development of the skills required for students who plan to conduct music ensembles.
Prerequisite(s): A minimum grade of "C" in MUSC 1331.
MUSC 4421 Voice Pedagogy
2 Credit Hours. 2 Lecture Hours. 1 Lab Hour.
The development of the teaching of singing through the study of its history and the investigation and application of research in vocal production and pedagogy. Supervised teaching of applied lessons and a survey of teaching materials.
Prerequisite(s): A minimum grade of "C" in MUSC 2512 and MUSC 2514.
MUSC 4431 Choral Conducting and Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed to provide students with in-depth knowledge of choral conducting techniques and literature. Students will study appropriate conducting gestures specific to choral ensembles while acquiring knowledge of the great monuments of choral literature.
Prerequisite(s): A minimum grade of "C" in MUSC 4411.
MUSC 4432 Instrumental Conducting and Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Development of conducting skills through the study of literature appropriate for all levels of instrumental ensembles.
Prerequisite(s): A minimum grade of "C" in MUSC 4411.
MUSC 4532 Secondary Methods and Materials in Music
3 Credit Hours. 3 Lecture Hours. 1 Lab Hour.
Designed to provide the music education candidate with rehearsal and teaching skills necessary to function in the secondary music classroom. Through in class instruction and thirty hours of structured field experience, students will learn rehearsal and teaching techniques, management and administration strategies, and develop specific skills related to effective secondary music teaching. Because this course includes a field experience component, it must be taken on the student's home campus.
Prerequisite(s): A minimum grade of "C" in MUSC 4432 or MUSC 4431; admission to the Teacher Education Program.
MUSC 4534 Recording Studio Techniques
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course focuses on the technical and creative investigation of current multi-track recording and mixing techniques. Technical aspects of essential signal processing techniques are covered and their aesthetic implications are actively explored. Students examine these topics through the creation of music in a recording studio using a variety of tools including hardware and software processors and multi-tracking software.
Prerequisite(s): A minimum grade of "C" in MUSC 1515.
MUSC 4535 Digital Audio Workstations
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course covers essential techniques and concepts for the fluent use of Digital Audio Workstations. Students will examine multiple aspects of Digital Audio Workstations including: audio recording, audio editing, signal routing, audio mixing, MIDI, and synthesis techniques using virtual instruments. Technical concepts related to digital audio will also be covered. At the core of the course is an emphasis upon the application of technical knowledge through the creation of musical works.
Prerequisite(s): A minimum grade of "C" in MUSC 1515.
MUSC 4611 Seminar in Music Education
1 Credit Hour. 1 Lecture Hour. 1 Lab Hour.
Designed to provide the music education candidate with skills for administering school music programs, as well as rehearsal, teaching, and assessment skills. Because this course includes a field experience component, it must be taken on the student's home campus.
Prerequisite(s): A minimum grade of "C" in MUSC 4532 and enrollment in Teacher Education Preparation program.
MUSC 4630 edTPA Music Internship Support Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
edTPA Internship Support Seminar is a hybrid course for candidates who must retake edTPA. This course consists of a six-week internship consisting of on-campus class sessions on identified dates and a daily field experience (7:45 a.m. - 12 noon). The course will occur during the first six weeks of the semester. Learning in this seminar supports successful completion of the internship and state-mandated edTPA evaluation of teaching practice. Candidates reflect on their own practice in relation to planning, instruction, and assessment. Candidates must be approved to take this course.
Prerequisite(s): MUSC 4799.
MUSC 4632 Student Teaching Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed to support music student teachers who are preparing materials to submit to edTPA.
Corequisite(s): MUSC 4799.
MUSC 4750 Internship II-Student Teaching
12 Credit Hours. 0 Lecture Hours. 1-12 Lab Hours.
MUSC 4799  Student Teaching in P-12 Music Education 3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
Student Teaching in P-12 Music Education is a period of guided music teaching during which the candidate, under the direction of a clinical supervisor, takes increasing responsibility for leading the school music experiences of a given group of learners over a period of consecutive weeks. The candidate engages more or less directly in many of the activities which constitute the wide range of a music teacher's assigned responsibilities. Because this course is a field experience, it must be taken on the student's home campus.
Prerequisite(s): Completion of all degree requirements and admission to the Teacher Education Program.

MUSC 4800  Advanced Choral Conducting 2 Credit Hours.  2 Lecture Hours.  1 Lab Hour.
Advanced techniques in choral conducting. Includes a laboratory experience which provide opportunities for students to conduct ensemble rehearsals.
Prerequisite(s): A minimum grade of "C" in MUSC 3120 and MUSC 3610.

MUSC 4810  Adv Instrumental Conducting 2 Credit Hours.  2 Lecture Hours.  1 Lab Hour.
Open only to music majors. Advanced techniques in instrumental conducting. Includes a laboratory experience that provides opportunities for students to conduct ensemble rehearsals and possibly one public performance.
Prerequisite(s): A minimum grade of "C" in MUSC 3120 or MUSC 3610.
Corequisite(s): MUSC 3560.

MUSC 4850  Senior Project 2 Credit Hours.  0 Lecture Hours.  4 Lab Hours.
Written research document submitted for faculty review to address senior recital program. May include: composer biography, program notes, translations (if applicable), formal analysis, genre parameters or other material, as approved by the department.

MUSC 4891  Special Problems in Music 1-9 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
Topics vary with individual professor.

MUSC 4910  Internship 1-5 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
Supervised individually designed course project involving off-campus study, work, and/or research. Projects are under the joint supervision of the sponsoring institution and the faculty supervisor.

MUSC 5030  Selected Topics Music Literature 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Specialized study of a specifically announced area in music literature.
Cross Listing(s): MUSC 5030G.

MUSC 5031  Selected Topics in Music 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Topics vary with individual professor.
Cross Listing(s): MUSC 5031G.

MUSC 5231  Music in the Classic Period 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey of major historical trends, aesthetic and stylistic developments, significant figures, and selected repertory from the Classic period.
Prerequisite(s): A minimum grade of "C" in MUSC 3132.
Cross Listing(s): MUSC 5231G.

MUSC 5232  Music in the Romantic Period 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey of major historical trends, aesthetic and stylistic developments, significant figures, and selected repertory from the Romantic period.
Cross Listing(s): MUSC 5232G.

MUSC 5233  Music in the Contemporary Period 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey of major historical trends aesthetic and stylistic developments, significant figures, and selected repertory from the Contemporary period.
Cross Listing(s): MUSC 5233G.

MUSC 5234  History of Opera 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey of major historical trends, aesthetic and stylistic developments, significant figures, and selected repertory in opera history.
Prerequisite(s): A minimum grade of "C" in MUSC 3131 and MUSC 3132.
Cross Listing(s): MUSC 5234G.

MUSC 5236  Jazz History 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A jazz survey course which emphasizes the historical, musical, and chronological development of jazz music.
Cross Listing(s): MUSC 5236G.

MUSC 5237  Symphonic Literature 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey of major historical trends, aesthetic and stylistic developments, significant figures, and selected repertory in symphonic literature.
Prerequisite(s): A minimum grade of "C" in MUSC 3132.
Cross Listing(s): MUSC 5237G.

MUSC 5239  Selected Topics in Music History 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Specialized study of a specifically-announced area in music history.
Cross Listing(s): MUSC 5239G.

MUSC 5332  Jazz Styles and Analysis 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The study of most of the major jazz styles which have been documented in recordings. Emphasis in post-1940's styles of big bands and combos, and in the musical analysis of those jazz styles.
Prerequisite(s): A minimum grade of "C" in MUSC 3132 and MUSC 5236.
Cross Listing(s): MUSC 5332G.

MUSC 5411  Jazz Pedagogy 1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.
Emphasizes the materials and methods available for the teaching of jazz music at all levels from middle school through university.
Cross Listing(s): MUSC 5411G.

MUSC 5430  Advanced Choral Arranging 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Practical experience in arranging for various vocal combinations, score analysis, score reading, and manuscript preparation for publishers.
Prerequisite(s): A minimum grade of "C" in MUSC 2334.
Cross Listing(s): MUSC 5430G.

MUSC 5431  Advanced Instrumental Arranging 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Study of issues and techniques in composing arrangements for various types of instrumental ensembles with practical experience.
Prerequisite(s): A minimum grade of "C" in MUSC 2334.
Cross Listing(s): MUSC 5431G.

MUSC 5432  Advanced Jazz Arranging 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Study of issues and techniques in composing arrangements for various types of jazz ensembles with practical experience.
Cross Listing(s): MUSC 5432G.

MUSC 5539  Selected Topics in Music Technology 3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Specialized study of a specifically-announced area in music technology.
Cross Listing(s): MUSC 5539G.
MUSE 5630  Music, Technology and Contemporary Culture
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Cross Listing(s):  MUSC 5630G.

MUSE Music Ensemble

MUSE 1100  Recital Attendance
0 Credit Hours.  1 Lecture Hour.  0 Lab Hours.

MUSE 3100  Large Ensemble
1 Credit Hour.  0 Lecture Hours.  0 Lab Hours.

MUSE 3114  Chamber Music Ensemble
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3210  University Band
1 Credit Hour.  0 Lecture Hours.  3-5 Lab Hours.
MUSE courses are not listed in the catalog.

MUSE 3211  Wind Symphony
1 Credit Hour.  0 Lecture Hours.  3-5 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3212  Marching Band
1 Credit Hour.  0 Lecture Hours.  3-10 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3213  Symphonic Wind Ensemble
1 Credit Hour.  0 Lecture Hours.  3-5 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3214  Jazz Ensemble
1 Credit Hour.  0 Lecture Hours.  3-4 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3215  Jazz Combo
1 Credit Hour.  0 Lecture Hours.  2 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3216  Brass Ensemble
1 Credit Hour.  0 Lecture Hours.  2 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3217  Percussion Ensemble
1 Credit Hour.  0 Lecture Hours.  3-5 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3218  Woodwind Ensemble
1 Credit Hour.  0 Lecture Hours.  2 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3219  Pep Band
1 Credit Hour.  0 Lecture Hours.  1-8 Lab Hours.
Ensemble to support athletic and other events. Membership includes woodwind, brass, and drumset.

MUSE 3311  University Singers
1 Credit Hour.  0 Lecture Hours.  3-4 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3312  Southern Chorale
1 Credit Hour.  0 Lecture Hours.  3-5 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3313  Women's Chorus
1 Credit Hour.  0 Lecture Hours.  3-5 Lab Hours.
A select choral ensemble for women open to majors and non-majors who demonstrate superior ability in the audition process.

MUSE 3314  Opera Theatre
1 Credit Hour.  0 Lecture Hours.  2-5 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3315  Armstrong University Chorale
1 Credit Hour.  0 Lecture Hours.  0 Lab Hours.

MUSE 3317  Armstrong University Singers
1 Credit Hour.  0 Lecture Hours.  0 Lab Hours.

MUSE 3320  Armstrong Wind Ensemble
1 Credit Hour.  0 Lecture Hours.  0 Lab Hours.

MUSE 3321  Savannah Winds
1 Credit Hour.  0 Lecture Hours.  0 Lab Hours.

MUSE 3411  Orchestra
1 Credit Hour.  0 Lecture Hours.  3-5 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3414  String Ensemble
1 Credit Hour.  0 Lecture Hours.  3-4 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3511  Electronic Music Ensemble
1 Credit Hour.  0 Lecture Hours.  2 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

MUSE 3514  Piano Ensemble
1 Credit Hour.  0 Lecture Hours.  2 Lab Hours.
None. MUSE courses do not have course descriptions in the catalog.

NSCI Naval Science

NSCI 1001  Introduction To Naval Science
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Introduce midshipmen to NROTC Program mission, organization, regulations and broad warfare components of the naval service. Included is an overview of officer and enlisted rank and rating structure, training and education, promotion and advancement and retirement policies. This course also covers naval courtesy and customs, as well as a study of the organization of the naval service. Students are familiarized with the major challenges facing today's naval officers, especially, in the areas of leadership and human resources management.

NSCI 1002  Seapower And Maritime Affairs
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey of American Naval and Maritime history from the American Revolution to the present with emphasis on major developments. Attention will be focused on Mahan's geopolitical theory; economic and maritime forces; U.S. military and maritime strategy; and a comparative analysis of American and foreign maritime strategies.

NSCI 1003  Sailing
3 Credit Hours.  2 Lecture Hours.  1 Lab Hour.
A foundation course that provides students with fundamental knowledge and skills to be a competent crew member. The course covers the basic theory of sailing, nomenclature, seamanship, boat equipment and safety, and application inland waters navigation rules for sailing craft. Upon completion of this course, students will be Skipper "B" qualified. Practical skills to be mastered consist of rigging and sailing from a pier; sail to weather; sail two figure eight courses with two tacks and two jibes; man overboard maneuver; a capsiz; return to dock and secure.

NSCI 2001  Naval Ships Systems I
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An detailed study of ship characteristics and types, including ship design, hydrodynamics forces, interior communications, ship control and damage control. Basic concepts or the theory and design of steam, gas turbine and nuclear propulsion, shipboard safety and firefighting are also covered.
NSCI 2002 Leadership & Management 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. An introduction of management functions as they apply to routine daily military activities. The concepts of planning, organizing, staffing, directing, controlling, and coordination are introduced and examined using lecture, seminar and case study methods. The course includes discussions on responsibility and accountability, power and influence, managerial theories, decision making, personnel appraisal, organizational structure and communications. Emphasis is placed on management of personnel and physical resources.

NSCI 2101 Naval Ships Systems I 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. A detailed study of ship characteristics and types, including ship design, hydrodynamics forces, stability, compartmentalization, propulsion, electrical and auxiliary systems, interior communications, ship control and damage control. Basic concepts on the theory and design of steam, gas turbine and nuclear propulsion, shipboard safety and firefighting are also covered.

NSCI 2102 Leadership & Management 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. An introduction of management functions as they apply to routine daily military activities. The concepts of planning, organizing, staffing, directing, controlling, and coordination are introduced and examined using lecture, seminar and case study methods. The course includes discussions on responsibility and personnel appraisal, organizational structure and communications. Emphasis is placed on management of personnel and physical resources.

NSCI 3001 Evolution Of Warfare 5 Credit Hours. 5 Lecture Hours. 0 Lab Hours. This course traces the historical development of warfare from the dawn of recorded history to the present, focusing on the impact of major military theorists, strategists, tacticians, and technological developments. Students acquire a basic sense of strategy, development and understanding of military alternatives, and become aware of the impact of historical precedent on military thought and actions. Corequisite(s): NSCI 3001L.

NSCI 3001L Navigation I Lab 0 Credit Hours. 0 Lecture Hours. 0 Lab Hours. Corequisite(s): NSCI 3001.

NSCI 3002 Amphibious Warfare 5 Credit Hours. 5 Lecture Hours. 0 Lab Hours. A historical survey of the development of amphibious doctrine and the conduct of amphibious operations. Emphasis is placed on the evolution of amphibious warfare in the 20th century, especially, during World War II. Present day, potential, amphibious operations and their limitations, including the rapid deployment concept, will be discussed.

NSCI 3003 Navigation I 3 Credit Hours. 2 Lecture Hours. 1 Lab Hour. An in-depth study of piloting and celestial navigation theory, principles, and procedures, as well as the rules of the nautical road, ship employment and relative motion analysis. Students learn piloting navigation: the use of charts, visual and electronic aids, and the theory and operation of compasses. Celestial navigation is covered in depth. Students develop practical skills in piloting, celestial navigation, and relative motion analysis. Other topics include tides, currents, effects of wind and weather, use of navigational instruments, ship employment, types and characteristics of electronic navigation systems, naval command and control, and afloat naval communications.

NSCI 3004 Navigation II 3 Credit Hours. 2 Lecture Hours. 1 Lab Hour. An in-depth study of piloting and celestial navigational theory, principles, and procedures, as well as the rules of the nautical road, ship employment and relative motion analysis. Students learn piloting navigation: the use of charts, visual and electronic aids, and the theory and operation of compasses. Celestial navigation is covered in depth. Students develop practical skills in piloting, celestial navigation, and relative motion analysis. Other topics include tides, currents, effects of wind and weather, use of navigational instruments, ship employment, types and characteristics of electronic navigation systems, naval command and control, and afloat naval communications.

NSCI 3101 Evolution Of Warfare 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. This course traces the historical development of warfare from the dawn of recorded history to the present, focusing on the impact of major military theorists, strategists, tacticians, and technological developments. Students acquire a basic sense of strategy, development and understanding of military alternatives, and become aware of the impact of historical precedent on military thought and actions.

NSCI 4001 Naval Ships Systems II 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. This course outlines the theory and employment of naval RADAR, SONAR, and weapons systems. Students explore the processes of detection, evaluation, threat analysis, weapon selection, delivery, guidance and naval ordnance. Fire control systems, major weapons types, and military platforms are discussed. The concept of command-control-communications and intelligence is explored as a means of weapons systems integration as are space and electronic warfare.

NSCI 4004 Leadership & Ethics 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. which investigates techniques and concepts of task accomplishment in the absence of a A study of military leadership and management includes an examination of military law, ethical normative business environment. The course leadership, personal responsibility, authority and bureaucracy. The focus of discussion is on those normally present in civilian enterprise such aspects of leadership and management not as operation in the presence of hostility and morale management.

NSCI 4050 Naval Drill 0 Credit Hours. 0 Lecture Hours. 0 Lab Hours. Introduces the student to basic military formations, movements, commands, courtesies and honors, and provides practice in unit leadership and management. Physical conditioning and training are provided to ensure students meet Navy/Marine Corps physical fitness standards. NSCI 4050 is required each semester for all NROTC students.

NSCI 4102 Amphibious Warfare 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. A historical survey of the development of amphibious doctrine and the conduct of amphibious operations. Emphasis is placed on the evolution of amphibious warfare in the 20th century, especially during World War II. Present day, potential, amphibious operations and their limitations, including the rapid deployment force concept, will be discussed.

NSCI 4104 Leadership & Ethics 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours. A study of military leadership and management which investigates techniques and concepts of task accomplishment in the absence of a normative business environment. The course includes an examination of military law, ethical leadership, personal responsibility, authority and bureaucracy. The focus of discussion is on those aspects of leadership and management not normally present in civilian enterprise such as operation in the presence of hostility and morale management.

NTFS Nutrition and Food Sc
Prerequisite(s):

- NTFS 2514 Professional Practice Strategies
  1 Credit Hours. 1 Lecture Hour. 0 Lab Hours.
  Presents an overview of the career opportunities in nutrition, food science and dietetics. Focuses on the development of personal and professional skills required for success in the profession.

- NTFS 2515 Professional Etiquette
  1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
  This course considers an introduction to professional etiquette and common courtesies in the field of nutrition and food science including effective verbal, nonverbal and virtual communication skills. The impact of diversity and cultural awareness in the workplace will be discussed. Special emphasis will be placed upon taking initiative, accepting and giving constructive criticism, and integrating internal attitudes with external behaviors. Students will also utilize these skills through active involvement in nutrition and food science professional organizations.
  Prerequisite(s): A minimum grade of "D" in NTFS 2514.

- NTFS 2530 Nutrition and Health
  3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
  The basic principles of nutrition and their application to health and wellness. The interrelationship between personal nutrition and health maintenance throughout the life cycle is included.

- NTFS 2534 Introductory Food Science
  3 Credit Hours. 0.1 Lecture Hours. 0.4 Lab Hours.
  Develops basic understanding of the principles of food preparation. Applies principles to food preparation for individuals, families and commercial food services.

- NTFS 3534 Human Nutrition
  3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
  The fundamental principles of human nutrition and their application to food selection are discussed. Emphasis is placed upon the recommended dietary allowances and other dietary guidelines which promote health maintenance and disease prevention.
  Prerequisite(s): A minimum grade of "C" in CHEM 1212K.

- NTFS 3535 Life Cycle Nutrition
  3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
  Investigates the role of nutrition and dietary factors on the growth, development and maintenance of health in individuals from birth through aging.
  Prerequisite(s): A minimum grade of "C" in NTFS 2530 or NTFS 3534.

- NTFS 3536 Meal Management
  3 Credit Hours. 0.1 Lecture Hours. 0.4 Lab Hours.
  Principles of nutrition and food science are integrated with the management process in menu planning and quality meal service.
  Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in NTFS 2534 and NTFS 3534 and ServSafe Manager Certification.

- NTFS 3537 Advanced Food Science
  3 Credit Hours. 0.1 Lecture Hours. 0.4 Lab Hours.
  Considers the chemical, physical, and biological properties of food ingredients. Emphasis is placed on investigating the relationship between preparation methods, proportions of ingredients and final product quality.
  Prerequisite(s): A minimum grade of "C" in NTFS 2534 and NTFS 3534 and CHEM 3342 and BIOL 2240 and ServSafe Manager Certification.

- NTFS 3538 Quantity Food Systems Administration
  3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
  This course provides a general knowledge base of quantity food systems administration with a focus on leadership and managerial roles in financial, human resource, and procurement responsibilities. Knowledge and skills are developed in this course to prepare students for administrative positions in quantity food production and service and to prepare them for the application of quantity food production and service principles in a quantity food service facility.
  Prerequisite(s): A minimum grade of "C" in NTFS 3536 and ACCT 2030.

- NTFS 3630 Sports Nutrition
  3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
  This course provides a basic understanding of the importance of nutrition in physical activity and sport performance. Topics will include energy metabolism during exercise, fluid intake and performance, common nutritional deficiencies for athletes/exercisers, and the role of nutritional supplements and ergogenic aids in physical activity.
  Prerequisite(s): A minimum grade of "C" in NTFS 2530 or NTFS 3534.

- NTFS 3631 Sustainable Foods
  3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
  This course explores factors that influence the local ‘food system’, including farming methods, food production and industrialization, distribution, economics, and politics. Also included in this course is a critical review of the current sustainable food issues of hunger and nutrition, food justice and sovereignty, fair trade, labor issue, farm-to-school/university, community supported agriculture, organic foods, GMO and cloned foods, and food and water safety in the food supply chain. Students participate in a service learning project with the local community garden, the local farmers market, and/or several local farmers to understand the real world application of sustainable foods.

- NTFS 3730 Quantity Food Practicum
  3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
  Food science theories and principles are applied in an institutional food service facility. Food service production and techniques are developed in this course as are skills in the application of sanitation regulations.
  Prerequisite(s): A minimum grade of "C" in NTFS 3538 and ServSafe Manager Certification.

- NTFS 4195 International Studies Abroad in Health and Kinesiology
  3-9 Credit Hours. 3-9 Lecture Hours. 0 Lab Hours.
  This course offers students the opportunity to examine health, nutrition and food science, or kinesiology practices in a foreign country through travel abroad. Classroom instruction will be combined with on-site experiences to provide a realistic learning experience.
  Prerequisite(s): Junior or Senior status.

- NTFS 4533 Applied Nutrition Therapy
  3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
  Investigates the application of nutrition principles in the treatment of chronic diseases in humans. Course content focuses on nutrition screening, assessment, and management of metabolic and endocrine disorders including obesity, metabolic syndrome, and diabetes; cardiovascular ailments including hypertension, hyperlipidemia, and atherosclerosis; hematologic conditions including anemia, and other diseases including cancer and stroke. Evidence-based nutrition research is utilized to discern the facts and fallacies associated with current topics comprising complementary and alternative medicine, supplements, and fad diets. Disease-specific information highlighting dietary strategies and nutrition intervention to promote optimal health and wellness are an integral component of the course.
  Prerequisite(s): NTFS 3535.

- NTFS 4534 Medical Nutrition Therapy I
  3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
  Investigates the role and benefits of nutritional support and therapy in the metabolic and pathophysiological changes associated with disease in humans. Teaches the application and documentation of the nutritional care process to the needs of patients. Emphasis is placed upon energy in-balance, drug nutrient interactions, metabolic disorders, and gastrointestinal, hepato-biliary, endocrine, and cardiovascular diseases. Students will demonstrate the skills needed to apply the principles of medical nutrition therapy to clinical situations through laboratory experiences.
  Prerequisite(s): A minimum grade of "C" in all of the following: NTFS 3535 and NTFS 3536 and KINS 2533 and prior or concurrent enrollment in NTFS 4536.
NTFS 4535 Community Nutrition  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Explores the role of nutritionists in the delivery of nutrition services through community agencies and health and wellness programs. Planning, implementation, monitoring and evaluation of community-based programs are emphasized. The role of government and the impact of the legislative process on the provision of services is examined.  
Prerequisite(s): A minimum grade of "C" in NTFS 2530 or NTFS 3534.

NTFS 4536 Metabolic Nutrition  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Considers the principles of nutrition science with special emphasis on integration of macro and micronutrient.  
Prerequisite(s): A minimum grade of "C" in CHEM 3530 and KINS 2532 and KINS 2531 and KINS 2511 and KINS 2512 and NTFS 3534 or permission of instructor.

NTFS 4537 Experimental Food Science  
3 Credit Hours. 0 Lecture Hours. 0.4 Lab Hours.  
Considers the effects of composition, handling, and preparation techniques on food product quality. Emphasis is placed on basic concepts of research methodology, statistical analysis, and preparation of detailed technical reports.  
Prerequisite(s): A minimum grade of "C" in NTFS 3537 and STAT 1401.

NTFS 4538 Medical Nutrition Therapy II  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Investigates the role and benefits of nutritional support and therapy in the metabolic and pathophysiological changes associated with disease in humans. Teaches the application and documentation of the nutritional care process to the needs of patients. Emphasis is placed upon sepsis, burns, trauma, cancer, immune and neurological disorders, hypertension, anemia, pulmonary, bone, and renal diseases, soft tissue disorders and diseases as well as adaptive feeding techniques and specialized equipment, parenteral and enteral nutrition, and complementary/alternative nutrition and herbal therapies. Students will demonstrate the skills needed to apply the principles of medical nutrition therapy to clinical situations through laboratory experiences.  
Prerequisite(s): A minimum grade of "C" in NTFS 4534.

NTFS 4539 Issues and Trends in Food Science  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A study of current trends and issues in the field of food science and technology. Issues related to product development, marketing and regulations and standards will be addressed.  
Prerequisite(s): A minimum grade of "C" in NTFS 3537.

NTFS 4610 Nutrition and Food Science Senior Seminar  
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.  
Provides nutrition and food science seniors in the Community Nutrition and Food Science/Food Systems Administration emphases with a colloquium in which to prepare and deliver presentations in trends and issues in the field of nutrition and food science in a seminar forum. The course also includes preparation in the process of gaining employment. Resume writing, portfolio compilation and review, and interviewing skills will be discussed.  
Prerequisite(s): A minimum grade of "C" in NTFS 2514 and Senior status.

NTFS 4611 Dietetics Senior Seminar  
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.  
Provides nutrition and food science seniors in the dietetics emphasis with a colloquium in which to prepare and deliver presentations in trends and issues in the field of dietetics. The course also includes the process of preparing applications for dietetics internships. Resume writing, portfolio compilation, and interviewing skills will be discussed.  
Prerequisite(s): A minimum grade of "C" in NTFS 2514 and Senior status and Admission to the Dietetics Emphasis in the B.S. Nutrition/Food Science program.

NTFS 4630 Cultural Foods  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course explores the relationship between food and nutrition, history, geography, culture and traditions, religion, communication, and acculturation. This course includes the study of cultural parameters and current issues that have shaped and continue to influence foodways - food availability, farming and food production practices, economics, politics, globalization, and sustainability. Students will also examine their own heritage and family dynamics to better understand their personal food, nutrition, and health beliefs and practices.

NTFS 4899 Directed Individual Study  
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor. Permission of instructor.

NUCM Nuclear Medicine Course

NUCM 3001 Nuclear Medicine I  
6 Credit Hours. 5 Lecture Hours. 2 Lab Hours.  
Introduction to the theory, principals and, procedures of nuclear medicine. Basic principles involved in imaging, diagnoses, and therapies are emphasized.

NUCM 3001L Nuclear Medicine I Lab  
0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.  
Corequisite(s): NUCM 3001.

NUCM 3002 Nuclear Medicine II  
6 Credit Hours. 5 Lecture Hours. 0 Lab Hours.  
Principles of radionuclide production and radiation detection. Topics include preparation and use of radiopharmaceuticals, decay modes, halflife, radiation interactions, radiation equipment and instrumentation applied to nuclear medicine imaging.  
Prerequisite(s): A minimum grade of "C" in NUCM 3001.  
Corequisite(s): RDSC 3002.

NUCM 3002L Nuclear Medicine II Lab  
0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.  

NUCM 3003 Nuclear Medicine III  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Advanced Nuclear Medicine Imaging. Topics include the principles of Positron Emission Tomography, radiopharmaceutical production and instrumentation of PET.  
Prerequisite(s): A minimum grade of "C" in NUCM 3002.

NUCM 3100 Introduction to Nuclear Medicine Clinical Education  
1 Credit Hour. 1 Lecture Hour. 0-18 Lab Hours.  
Overview of the clinical setting, administrative structures, legal/compliance requirements, and required documentation.  
Prerequisite(s): A minimum grade of "C" in NUCM 3001.  
Corequisite(s): NUCM 3002.

NUCM 4101 Nuclear Medicine Clinical Education I  
5 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.  
Supervised clinical practice in performing nuclear medicine procedures.  
Prerequisite(s): A minimum grade of "C" in NUCM 3100 and DDTS 3001.

NUCM 4102 Nuclear Medicine Clinical Education II  
6 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.  
Supervised clinical practice in performing nuclear medicine procedures.  
Prerequisite(s): A minimum grade of "C" in NUCM 4101.

NUCM 4103 Nuclear Medicine Clinical Education III  
9 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.  
Supervised clinical practice in performing nuclear medicine and CP procedures.  
Prerequisite(s): A minimum grade of "C" in NUCM 4102.
NURS 3104 Pharmacology I
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
The course provides the student with an introduction to the basic principles of pharmacology and other therapeutic modalities appropriate to culturally diverse populations across the lifespan. Ethical, legal, and teaching responsibilities regarding medication management are delineated. Emphasis is placed on roles and responsibilities of the nurse in collaboration with the multidisciplinary team to facilitate health promotion and safe administration of pharmaceuticals. An introduction to the pharmacokinetic and pharmacodynamics of drug classifications and select medications are addressed.
Prerequisite(s): Accepted in Nursing Program.

NURS 3105 Pharmacology II
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
The course builds from Pharmacology I, providing students with the assessment and management of medications for a diverse population of adults with chronic and acute illness. Ethical, legal, and teaching responsibilities regarding medication management are delineated. Emphasis is placed on roles and responsibilities of the nurse in collaboration with the multidisciplinary team to facilitate health promotion and safe administration of pharmaceuticals. Correlating diseases and disorders to common medication treatment plans is initiated at this level.
Prerequisite(s): A minimum grade of "C" in NURS 3101, NURS 3102, NURS 3103, NURS 3104.

NURS 3107 Adult Health Nursing I
7 Credit Hours. 4 Lecture Hours. 9 Lab Hours.
This course builds on a previously acquired foundation derived from the liberal arts, sciences and nursing to apply the nursing process to the holistic care of culturally diverse adult patients and families who are experiencing simple to chronic alterations in health. Clinical experiences provide students with the opportunity to develop critical thinking skills and implement appropriate evidence based therapeutic nursing interventions towards the goal of restoring, promoting and maintaining the health of patients in a variety of geographical settings.
Prerequisite(s): A minimum grade of "C" in NURS 3101, NURS 3102, NURS 3103, NURS 3104.

NURS 3108 Mental Health Nursing
5 Credit Hours. 3 Lecture Hours. 6 Lab Hours.
This course promotes mental health as a dynamic construct occurring on a continuum. Students strengthen their knowledge of and appreciation for the interaction of the mind, body, and spirit in psychiatric/mental health nursing as well as all other nursing specialties. The role of the professional nurse in risk reduction for mental health disorders, health promotion, and recovery are examined in both didactic and clinical settings. Utilizing a health promotion framework and the American Nurses Association’s Scope and Standards of Practice, students incorporate theories and frameworks from the liberal arts, sciences, and nursing to apply the nursing process in providing mental health nursing care to individuals, families, groups, and the community. Students learn the role of the baccalaureate nurse on interdisciplinary teams in mental healthcare. Emphasis is on developing therapeutic communication skills and collaborative relationships that support individuals to achieve or return to optimal wellness and function.
Prerequisite(s): A minimum grade of "C" in NURS 3101, NURS 3102, NURS 3103, NURS 3104.

NURS 3150L Prof Role Trans:Comm Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.

NURS 3300L Health Assess Promo Well Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.

NURS 3304L Professional Nursing Prac-Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.

NURS 3306L Transitional Concepts Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.

NURS 3310L Nurs Health Promo Lifespan Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.

NURS 3320L Health Assess Well Indiv Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.

NURS 3321L Healt Assm of the Well Ind Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.

NURS 3330 Leadership in Nursing Care
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Leadership role of the professional nurse in the management of health care.

NURS 3334L Skills & Esntls of Nurs Pr Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
The focus of this course is to prepare students to assume a leadership role in the management of nursing care in multidisciplinary healthcare environments. The principles of critical thinking and evidence based nursing practice are utilized in the care of groups of clients and families with Health/illness variations within a culturally diverse and complex healthcare delivery system. Course content includes management and leadership theories and skills, change strategies, healthcare technology, and role transition strategies to assist the new professional nurse. The framework for professional practice and professional role activities is developed from the American Nurses Association Nursing: Scope and Standards of Practice.

Prerequisite(s): A minimum grade of "C" in NURS 4106 and NURS 4109 and NURS 4110.

NURS 4112 Leadership & Management Capstone
6 Credit Hours. 3 Lecture Hours. 9 Lab Hours.

The focus of this course is to prepare students to assume a leadership role in the management of nursing care in multidisciplinary healthcare environments. The principles of critical thinking and evidence based nursing practice are utilized in the care of groups of clients and families with Health/illness variations within a culturally diverse and complex healthcare delivery system. Course content includes management and leadership theories and skills, change strategies, healthcare technology, and role transition strategies to assist the new professional nurse. The framework for professional practice and professional role activities is developed from the American Nurses Association Nursing: Scope and Standards of Practice.

Prerequisite(s): A minimum grade of "C" in NURS 4106 and NURS 4109 and NURS 4110.

NURS 4113 Research
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

The focus of this course is on the research process and enhancement of critical thinking skills. Students learn to critique, analyze, and apply research findings to health promotion of persons, families, groups, and communities. The relationship of nursing research to nursing theory and practice is explored.

Prerequisite(s): Accepted in Nursing Program.
NURS 4114 Critical Analysis
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
This course facilitates the application, analysis, and synthesis of essential nursing knowledge and skills for use in professional practice. The framework for professional practice and professional role activities is developed from the current ANA, Nursing Scope and Standards of Practice and the AACN, Essentials of Baccalaureate Nursing Education. Prerequisite(s): A minimum grade of "C" in NURS 4106 and NURS 4109 and NURS 4110.

NURS 4115 Nursing and Service Learning in Costa Rica
3 Credit Hours. 0 Lecture Hours. 9 Lab Hours.
This course is a 4 week course with 10 days study in Costa Rica. The course consists of lecture, supervised field/clinical observations, service learning, course-related excursions, and cultural and historical activities. The course integrates transcultural health and service learning to provide students with a deeper and more meaningful experience. Students receive foot-care training and education to provide care to vulnerable population to improve quality of health outcomes. Students engage in experiential cultural learning to gain understanding of the interdependent nature of the contemporary world, to develop an appreciation for different cultures, and to help students sharpen their skills as critical thinkers and effective communicators. The outcome of the course is to enrich students' personal growth, self-awareness, and appreciation for cultural differences. The course is open to premenursing, nursing, health related, and other majors.

NURS 4116 Honors Project I
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Independent exploration of nursing problems and practice issues under the guidance of a faculty mentor.

NURS 4117 Honors Project II
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Implementation and evaluation of the project with a selected population under the guidance of a faculty member.

NURS 4118 Honors Project III
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Presentation of the honor's project to a selected group.

NURS 4119 Independent Study-Undergraduate
6 Credit Hours. 0-6 Lecture Hours. 0-18 Lab Hours.
The student, in consultation with the professor, selects a topic and submits a proposal for supervised independent study.

NURS 4120 Special Topics-Undergraduate
6 Credit Hours. 0-6 Lecture Hours. 0-18 Lab Hours.
The professor offers a course in a selected topic for qualifying students.

NURS 4121 Strategies for Success in Professional Nursing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This elective course provides an opportunity for students to develop strategies for success in nursing. Learning style, study and testing techniques to enhance academic and professional performance are explored. Prerequisite(s): Permission of instructor.

NURS 4122 Foundations of Healthcare Informatics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to information technologies and systems that support healthcare delivery. Emphasis will be placed on utilizing health information technology to support decision-making, improve communication, and manage knowledge. Prerequisite(s): Permission of instructor.

NURS 4123 Legal and Ethical Issues in Nursing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on the legal and ethical rights, responsibilities, and obligations of the practicing nurse in a changing health environment. Prerequisite(s): Permission of instructor.

NURS 4124 Gerontology in the 21st Century
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explore Normal aging, theories of aging, and the effect society has on the increasing geriatric population. Prerequisite(s): Permission of instructor.

NURS 4125 Vulnerable Populations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an overview of vulnerable populations and the role of the nurse in the health care of the populations. Prerequisite(s): Permission of Instructor.

NURS 4126 International Nursing Issues and Trends
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores the influence of culture, economics, politics, and technology on global health. Prerequisite(s): Permission of Instructor.

NURS 4127 Introduction to Forensic Nursing and the Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an introduction to the principles of forensic nursing and the legal issues related to nursing practice. Prerequisite(s): Permission of Instructor.

NURS 4128 Complementary and Integrative Health Approaches
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An overview of complementary and integrative health approaches used in holistic health practices and healing to include: natural products, mind, body, spirit practices, and energy therapies will be presented. Safety considerations and evidenced-based practice guidelines will be discussed. Integration of complementary therapies into nursing care of those with chronic diseases as well as a method of health promotion and disease prevention will be explored. The framework for professional practice and professional role activities is developed from the current American Nurses Association Nursing: Scope and Standards of Practice. Prerequisite(s): Permission of instructor.

NURS 4129 Multiculturalism in Health Care
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores multicultural factors within a healthcare context. Prerequisite(s): Permission of instructor.

NURS 4130 Home Health Nursing
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
Therapeutic nursing interventions of clients in the home setting. Prerequisite(s): Permission of instructor.

NURS 4131 Population Health Care Strategies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Overview of the levels of prevention, epidemiological principles and their impact on health promotion and disease prevention. A major focus is primary prevention relative to exercise/activity. Emphasis is placed on the clinical application of activity for improving health. Prerequisite(s): Junior/Senior level or permission of instructor.

NURS 4132 Critical Care
3 Credit Hours. 1 Lecture Hour. 6 Lab Hours.
Nursing care of the adult client in critical care settings with life threatening alterations in health. Emphasis is placed on the role of the professional nurse in the restorations and maintenance of health with clients and their families experiencing critical illness. Prerequisite(s): Permission of instructor.

NURS 4133 Nursing Perspectives: Then, Now, and the Future
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Analyzes the influences of significant historical nursing figures through present day as it influences the future of nursing. Prerequisite(s): Permission of instructor.

NURS 4134 Women and Leadership in Nursing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores historical and contemporary perspectives and attitudes of women as nurses and leaders. Prerequisite(s): Permission of instructor.
NURS 4136 Nursing Practice in the Military
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examine the social, political, environmental, and global impact of military warfare on nursing practice in context of nursing leadership, practices and traditions.
Prerequisite: Permission of instructor.

NURS 4137 Pediatric Nursing Externship
3 Credit Hours. 0 Lecture Hours. 9 Lab Hours.
Nursing care in the complex pediatric client in the acute care setting.
Prerequisite(s): Permission of instructor.

NURS 4138 Maternal/Infant Nursing Externship
3 Credit Hours. 0 Lecture Hours. 9 Lab Hours.
Nursing care of the complex obstetric and neonatal client in the acute care setting.
Prerequisite(s): Permission of the instructor.

NURS 4139 Medical-Surgical Oncology Nursing Externship
3 Credit Hours. 0 Lecture Hours. 9 Lab Hours.
Nursing care of the complex oncological client in the acute care setting.
Prerequisite(s): Permission of the instructor.

NURS 4140 Medical-Surgical Neuroscience Nursing Externship
3 Credit Hours. 1 Lecture Hour. 6 Lab Hours.
Nursing care of the complex neurological client in the acute care setting.
Prerequisite(s): Permission of the instructor.

NURS 4141 Medical-Surgical Complex Medical Nursing Externship
3 Credit Hours. 0 Lecture Hours. 9 Lab Hours.
Nursing care of the client with co-morbid conditions in the acute care setting.
Prerequisite(s): Permission of instructor.

NURS 4142 Health Promotion Through the Life Span
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The professional nurse’s role in population-focused healthcare for individuals, families, and communities through the lifespan.
Prerequisite(s): Permission of instructor.

NURS 4143 Medical Terminology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed for undergraduate level students interested in expanding their knowledge of medical terminology and related pathophysiology. This is a fully on-line course. Emphasis is placed on etymology, definition, pronunciation and correct utilization of medical terms, enabling the student to develop a vocabulary essential to understanding and communicating within the various health areas in which allied health professionals serve. An audio-visual approach to anatomy, physiology, pathology, diagnostics, and treatment regimens offers content information and language comprehension skills applicable to other dimensions.
Prerequisite(s): Permission of instructor.

NURS 4201 Skills and Essentials of Nursing Practice
5 Credit Hours. 3 Lecture Hours. 6 Lab Hours.
Building on a sound foundation derived from the liberal arts, sciences and nursing, this integrated theory/practicum course explores evidence based fundamental concepts and skills related to the provision of safe and competent nursing care for culturally diverse populations. The practicum component provides students the opportunity to integrate theory with clinical practice, using the nursing process with adult patients, to develop clinical reasoning via simulated and experiential learning opportunities in a variety of clinical settings. The course framework incorporates the Quality and Safety Education for Nursing (QSEN), the Essentials of Baccalaureate Nursing Education for Professional Practice, and the current American Nurses Association Nursing: Scope and Standards of Practice (2015).

NURS 4202 Health Assessment
4 Credit Hours. 3 Lecture Hours. 3 Lab Hours.
This course focuses on the application of interviewing and physical exam techniques for the health assessment of the adult population. The didactic and experiential components allow students the opportunity to learn and practice interviewing/communication skills and physical exam techniques to assess a client’s wellbeing, health and illness, and safety from a health promotion focus. Emphasis is on the acquisition and application of learning normal assessment findings, as well as recognizing and differentiating abnormal findings when caring for clients. The framework for professional practice and professional role activities is developed from the current American Nurses Association Nursing: Scope and Standards of Practice.

NURS 4203 Professional Nursing Practice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is for the beginning nursing student. Major concepts, providing a foundation for professional nursing practice which are used throughout the curriculum, are introduced and explored. Emphasis is on the acquisition of basic nursing concepts for the performance of safe and appropriate therapeutic and caring nursing practice for a culturally diverse population. The course framework for professional nursing practice and professional role activities is developed from the current American Nurses’ Association: Nursing; Scope and Standards of Practice and the Quality and Safety Education for Nursing (QSEN). The curriculum framework meets the Commission on Collegiate Nursing Accreditation: Essentials of Baccalaureate Nursing Education.

NURS 4204 Comprehensive Pharmacology
5 Credit Hours. 5 Lecture Hours. 0 Lab Hours.
The course provides the student with a foundation of the basic principles of pharmacology and other therapeutic modalities appropriate to culturally diverse populations across the lifespan. Ethical, legal, and teaching responsibilities regarding medication management are delineated. Emphasis is placed on roles and responsibilities of the nurse in collaboration with the multidisciplinary team to facility health promotion and safe administration of pharmaceuticals. An introduction to the pharmacokinetic and pharmacodynamics of drug classifications providing students with the assessment and management of medications for a diverse population of adults with chronic and acute illness. Correlating diseases and disorders to common medication treatment plans is emphasized.

NURS 4207 Adult Health Nursing I
7 Credit Hours. 4 Lecture Hours. 9 Lab Hours.
This course builds on a previously acquired foundation derived from the liberal arts, sciences and nursing to apply the nursing process to the holistic care of culturally diverse adult patients and families who are experiencing simple to chronic alterations in health. Clinical experiences provide students with the opportunity to develop critical thinking skills and implement appropriate evidence based therapeutic nursing interventions towards the goal of restoring, promoting and maintaining the health of patients in a variety of geographical settings.
Prerequisite(s): A minimum grade of "C" in NURS 4201 and NURS 4202 and NURS 4203.
NURS 4208 Mental Health Nursing  
6 Credit Hours.  3 Lecture Hours.  9 Lab Hours.  
This course promotes mental health as a dynamic construct occurring on a continuum. Students strengthen their knowledge of and appreciation for the interaction of the mind, body, and spirit in psychiatric/mental health nursing as well as all other nursing specialties. The roles of the professional nurse in risk reduction for mental health disorders, health promotion, and recovery are examined in both didactic and clinical settings. Utilizing a health promotion framework and the American Nurses’ Association’s Scope and Standards of Practice, students incorporate theories and frameworks from the liberal arts, sciences, and nursing to apply the nursing process in providing mental health nursing care to individuals, families, groups, and the community. Students learn the role of the baccalaureate nurse on interdisciplinary teams in mental healthcare. Emphasis is on developing therapeutic communication skills and collaborative relationships that support individuals to achieve or return to optimal wellness and function.  
Prerequisite(s): A minimum grade of "C" in NURS 4201 and NURS 4202 and NURS 4203 and NURS 4204.  

NURS 4209 Women’s & Children’s Nursing  
6 Credit Hours.  4 Lecture Hours.  6 Lab Hours.  
This course concentrates on health promotion, disease prevention, and health risk reduction of children and women from diverse populations. A family centered focus is used to guide the student’s understanding of the childbearing family from preconception through labor and delivery and care of the neonate, as well as children and their families. Care and health restoration of the woman and family with an at-risk pregnancy is also addressed. The role of the nurse as practitioner, educator, collaborator in acute care and various community settings is underscored. The framework for professional practice and professional role activities is developed from the current American Nurses’ Association Nursing: Scope and Standards of Practice.  

NURS 4210 Community Health Nursing  
5 Credit Hours.  3 Lecture Hours.  6 Lab Hours.  
This course provides the student with a foundation of community nursing roles and essential skills for entry to level public health nursing with a focus on population health and wellness. Knowledge and value of human diversity are held as essential concepts as students apply the nursing process with individuals, families, aggregates, and communities. Theories and concepts from public health and nursing science are applied to risk reduction, disease prevention, and health promotion. The impact of political systems and regulatory agencies on health disparities are examined at the global, national, regional and local levels.  
Prerequisite(s): A minimum grade of "C" in NURS 4201 and NURS 4202 and NURS 4203 and NURS 4204 and NURS 4207 and NURS 4208 and NURS 4209.  

NURS 4211 Adult Health Nursing II  
7 Credit Hours.  4 Lecture Hours.  9 Lab Hours.  
This course builds on a previously acquired foundation derived from the liberal arts, sciences and nursing to apply the nursing process to the holistic care of culturally diverse adult patients and families who are experiencing complex alterations in health. Clinical experiences provide students with the opportunity to develop critical thinking skills and implement appropriate evidence based therapeutic nursing interventions towards the goal of restoring, promoting and maintaining the health of patients in a variety of geographical settings.  
Prerequisite(s): A minimum grade of "C" in NURS 4201 and NURS 4202 and NURS 4203 and NURS 4204 and NURS 4207.

NURS 4212 Leadership and Management Capstone  
7 Credit Hours.  3 Lecture Hours.  9 Lab Hours.  
The focus of this course is to prepare students to assume a leadership role in the management of nursing care in multidisciplinary healthcare environments. The principles of critical thinking and evidence based nursing practice are utilized in the care of groups of clients and families with Health/Illness variations within a culturally diverse and complex healthcare delivery system. Course content includes management and leadership theories and skills, change strategies, healthcare technology, and role transition strategies to assist the new professional nurse. The framework for professional practice and professional role activities is developed from the American Nurses’ Association, Nursing: Scope and standards of practice, (3rd ed.).  
Prerequisite(s): A minimum grade of "C" in NURS 4201 and NURS 4202 and NURS 4203 and NURS 4204 and NURS 4207 and NURS 4208 and NURS 4209 and NURS 4211.  

NURS 4214 Critical Analysis  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
This course facilitates the application, analysis, and synthesis of essential nursing knowledge and skills for use in professional practice. The framework for professional practice and professional role activities is developed from the current ANA, Nursing Scope and Standards of Practice and the AACN, Essentials of Baccalaureate Nursing Education.  
Prerequisite(s): A minimum grade of "C" in NURS 4201 and NURS 4202 and NURS 4203 and NURS 4204 and NURS 4207 and NURS 4208 and NURS 4209 and NURS 4211.  

NURS 4215L Home Health Nursing Lab  
0 Credit Hours.  0 Lecture Hours.  1 Lab Hour.  
NURS 4217L Critical Care Lab  
0 Credit Hours.  0 Lecture Hours.  3 Lab Hours.  
NURS 4218L Perioperative Nursing Lab  
0 Credit Hours.  0 Lecture Hours.  6 Lab Hours.  
NURS 4224L Med-Surg Onc Nurs Extern Lab  
0 Credit Hours.  0 Lecture Hours.  6 Lab Hours.  
NURS 4225L Med-Surg Onc Nurs Extern Lab  
0 Credit Hours.  0 Lecture Hours.  6 Lab Hours.  
NURS 4226L Med-Surg Comp Nurs Extern Lab  
0 Credit Hours.  0 Lecture Hours.  6 Lab Hours.  
NURS 4301 Conceptual Basis of Nursing  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The course provides an introduction to the conceptual basis of professional nursing. The concepts of person, nursing, health, environment, health promotion, human caring, communication, ethical principles, critical thinking, empowerment, research, cultural sensitivity, and healthcare technology are explored and applied to specific case situations. The student is exposed to the historical aspects of nursing and healthcare, with emphasis on the rural environment, as well as evidenced-based nursing practice, patient safety and quality, healthcare policy, and financial implications in the current healthcare arena. Healthcare delivery systems, barriers to healthcare, and legal aspects of nursing are discussed. The ANA Scope and Standards of Practice are introduced in this course with specific emphasis on caring and ethics.  
Prerequisite(s): Admission to the RN-BSN program or Permission of the Program Director.
NURS 4302 Health Assessment  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.  
Focuses on refinement of the application of interviewing and physical examination techniques for the health assessment of the adult population. The didactic and experiential components allow students the opportunity to learn and practice interviewing/communication skills and physical examination techniques to assess a client's well-being, health, illness, and safety, with a health promotion focus. Emphasis is on acquisition and application of learning normal assessment findings, as well as recognizing and differentiating abnormal findings when caring for clients. The framework for professional practice and professional role activities is developed from the current American Nurses' Association Nursing: Scope and Standards of Practice.  
Prerequisite(s): Admission to the RN-BSN Program.

NURS 4303 Complementary Therapeutic Modalities  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
The course introduces culturally specific therapeutic modalities that are complementary to western health care. These therapeutic modalities are examined relative to their combination with scientific therapies and professional and lay healers. Ethical, legal, and teaching responsibilities are elaborated. Emphasis is placed on the roles and responsibilities of the nurse in collaboration with the client and the multi-disciplinary team to facilitate health promotion.  
Prerequisite(s): Admission to the RN-BSN program or Permission of the Program Director.

NURS 4310 Community Health Nursing  
5 Credit Hours. 3 Lecture Hours. 6 Lab Hours.  
This course provides the student with a foundation of community nursing roles and essential skills for entry to level public health nursing with a focus on population health and wellness. Knowledge and value of human diversity are held as essential concepts as students apply the nursing process with individuals, families, aggregates, and communities. Theories and concepts from public health and nursing science are applied to risk reduction, disease prevention, and health promotion. The impact of political systems and regulatory agencies on health disparities are examined at the global, national, regional and local levels. 60 hours of clinical is included.  
Prerequisite(s): Admission to the RN-BSN program.

NURS 4311 Complex Nursing Concepts  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
The course provides an opportunity for thorough analysis of complex concepts relative to nursing such as person, environment, health, holistic nursing, caring, rurality, spirituality, and power. Multiple theoretical models are analyzed: Health Promotion, Caring, Transcultural Nursing and others. Case study analysis and other modes, including field work, are used to apply models to life events such as birth, death and changes in health status. Attention is given to the availability and use of community resources for individuals and families experiencing dynamic change and complex health events. Additionally, considerable attention is given to the impact of social, economic, cultural, legal, and ethical variables on the experience of profound life events.  
Prerequisite(s): Admission to the RN-BSN program.

NURS 4312 Nursing Leadership and Management  
5 Credit Hours. 3 Lecture Hours. 6 Lab Hours.  
The focus of this course is to prepare students to assume a leadership role in the management of nursing care in multidisciplinary healthcare environments. The principles of critical thinking and evidence-based nursing practice are utilized in the care of groups of clients and families with Health/illness variations within a culturally diverse and complex healthcare delivery system. Course content includes management and leadership theories and skills, change strategies, healthcare technology, and role transition strategies to assist the new professional nurse. The framework for professional practice and professional role activities is developed from the American Nurses’ Association, Nursing: Scope and standards of practice, (3rd ed.). 60 hours of clinical is included.  
Prerequisite(s): Admission to the RN-BSN program.

NURS 4313 Nursing Research  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
The focus of this course is on the research process and enhancement of critical thinking skills. Students learn to critique, analyze, and apply research findings to health promotion of persons, families, groups, and communities. The relationship of nursing research to nursing theory and practice is explored.  
Prerequisite(s): Admission to the RN-BSN program.

NURS 4314 Critical Analysis of Nursing Concepts  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course facilitates the synthesis and application of evidence-based care using policy, politics, and ethical principles to guide discussion and critical discourse. Students will engage in seminar discussion, critical discourse, case analysis, and ethical applications.  
Prerequisite(s): A minimum grade of "C" in: NURS 4301 and NURS 4302 and NURS 4303 and NURS 4310 and NURS 4311 and NURS 4312 and NURS 4313.

NURS 4341 Population Focused Nursing  
5 Credit Hours. 4 Lecture Hours. 3 Lab Hours.  
This course is designed to aid the public health nurse in developing and/or revitalizing skills essential in population-based practice in conjunction with clinical/preventive skills already obtained in the workforce. Emphasis will be on conducting community assessments, planning and implementing appropriate interventions based assessment findings, presenting health data to groups, facilitating the development of community coalitions, and collaboration with community partners for effective change in health policy.  
Prerequisite(s): Permission of instructor.

NURS 4345L Adult Health II Lab  
0 Credit Hours. 0 Lecture Hours. 9 Lab Hours.  
NURS 4346L Adult Health II Lab  
0 Credit Hours. 0 Lecture Hours. 9 Lab Hours.  
NURS 4355L Women & Children's Health Lab  
0 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Therapeutic nursing interventions to promote health and prevent illness of women and children in a variety of clinical settings.  
Prerequisite(s): Admission to the RN-BSN program.

NURS 4356L Women & Children's Health Lab  
0 Credit Hours. 0 Lecture Hours. 6 Lab Hours.  
NURS 4420 Nursing and Health Restoration  
9 Credit Hours. 5 Lecture Hours. 0 Lab Hours.  
Health restoration of clients experiencing acute health problems.  
Corequisite(s): NURS 4420L.

NURS 4420L Nurs & Health Restoration Lab  
0 Credit Hours. 0 Lecture Hours. 12 Lab Hours.  
Corequisite(s): NURS 4420.

NURS 4425 Children’s Health  
5 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Health promotion, maintenance and restoration as the foundation for nursing care of children in a variety of settings.  
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in NURS 3352 or NURS 3354.

NURS 4430L Health Restor Mental Hlth Lab  
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.  
NURS 4435L Mental Hlth Restoration Lab  
0 Credit Hours. 0 Lecture Hours. 4 Lab Hours.  
NURS 4440L Population Focused Nurs Lab  
0 Credit Hours. 0 Lecture Hours. 6 Lab Hours.  
NURS 4441L Population Focused Nurs Lab  
0 Credit Hours. 0 Lecture Hours. 6 Lab Hours.  
NURS 4450L Prof Nursing Practicum Lab  
0 Credit Hours. 0 Lecture Hours. 9 Lab Hours.  
NURS 4451L Profession Nurs Lead & Mangmt  
0 Credit Hours. 0 Lecture Hours. 9 Lab Hours.
NURS 4470L Nurs & Pop Focused Prac Lab
0 Credit Hours. 0 Lecture Hours. 9 Lab Hours.

NURS 4480L Prof Nurs Practicum Lab
0 Credit Hours. 0 Lecture Hours. 9 Lab Hours.

NURS 5131 Scientific and Medical Terminology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed for undergraduate level students interested in expanding their knowledge of medical terminology and related pathophysiology. This is a fully on-line course. Emphasis is placed on etymology, definition, pronunciation and correct utilization of medical terms, enabling the student to develop a vocabulary essential to understanding and communicating within the various health areas in which allied health professionals serve. An audio-visual approach to anatomy, physiology, pathology, diagnostics, and treatment regimens offers content information and language comprehension skills applicable to other dimensions.

Cross Listing(s): NURS 5131G.

OCEA Oceanography

OCEA 3100 Introduction to Oceanography
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Basic principles of oceanography. The distribution of water over the earth, nature and relief of the ocean floors, tides and currents, chemical properties of sea water and constituents, and application of oceanographic research.

OSCM Operations and Supply Chain Management

OSCM 3430 Operations and Supply Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Application of the supply chain management principles to the planning, control, design, operation, and updating of operational systems both in the manufacturing and service sectors.

Prerequisite(s): A minimum grade of "C" in all of the following: BUSA 3131 or STAT 1401, ECON 2106, ACCT 2102.

OSCM 3437 Service Operations Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces three broad service management topics – service design, service operations management, and quantitative service models. Whereas service design topics include new service design and development, service process flows, and service quality, service operations management focuses on service supply relationships, managing waiting lines, and capacity planning for service provision. These service design and operations management approaches are supplemented with quantitative service models based on queuing theory.

Prerequisite(s): A minimum grade of "C" in BUSA 3131 or STAT 1401.

OSCM 4431 Supply Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces three broad topics - strategic supply management, the pay to procure (P2P) process, and supplier relationship management - to facilitate an introductory understanding of supply management. Strategic supply management principles include the basic tenets of SCM, the differences between traditional purchasing and contemporary supply management philosophies, and the development of supply management strategy that is linked to business and corporate strategy. The P2P process involves several activities, such as needs identification, specification development, request for quotes and proposals, statements of work, supplier evaluation and selection, negotiation, and contracting. Supplier relationship management refers to on-going activities that follow supplier selection, like cost management, supplier development, and conflict resolution.

Prerequisite(s): A minimum grade of "C" in LOGT 2232 and OSCM 3430.

OSCM 4435 Six Sigma and Continuous Improvement
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to change management and process excellence with a focus on Six Sigma analytic tools and performance management approaches. Analytic tools for documenting and improving sourcing and value-adding processes will be applied in the context of the Six Sigma DMAIC project phases. Course content is closely aligned with the ASQ Certified Six Sigma Green Belt Body of Knowledge.

Prerequisite(s): A minimum grade of "C" in OSCM 3430 or permission of department chair.

OSCM 4436 Supply Chain Analytics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to advance analytical skills for effective supply chain decision-making involving empirical data. Use of sophisticated analytical techniques to design and manage efficient and effective operations and processes will be covered. Formulation and interpretation of models supported by both simulation and spreadsheet based software will be emphasized.

Prerequisite(s): A minimum grade of "C" in BUSA 3132 and OSCM 4435.

OSCM 4438 Negotiation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Students will apply effective planning frameworks and strategies for successful negotiations. Using interpersonal and business scenarios students will learn negotiating skills for governing supply chains, projects, supplier relationships and customer relationships. The course also covers performance management with a demand driven value-added perspective.

Prerequisite(s): A minimum grade of "C" in OSCM 3430.

PBAD Public Administration

PBAD 2231 Introduction to Public Administration
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides a comprehensive overview of the history of public administration, its development as a field, and a survey of the critical theories and normative issues within public administration and the implication for practice.

PBAD 3331 Applied Public Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the historical and theoretical development of public sector management. The course also introduces performance management tools of contemporary public managers, including strategic planning, goal setting, project management, and performance management systems.
PBAD 3333 The Policy Process and Democracy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the frameworks, theories, and models used to explain how issues are conceptualized and brought to government and then subsequently designed, selected, and implemented. This includes an investigation into politics, focusing on how actors and issue networks interact and exercise power within the policy process.

PBAD 3334 Introduction to Public and Nonprofit Financial Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides students with the basics of financial management applicable to public and nonprofit organizations.

PBAD 3431 Public Budgeting
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course serves as an introduction to public sector budgeting providing students with practical knowledge about how the public sector budget process works, an overview of the technical aspects of public budgeting and various theories of budgeting.

PBAD 3631 Introduction to Nonprofit Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course serves as an overview of the nonprofit sector and to introduce a range of common practices and concerns related to managing in this sector including leadership, board governance, fundraising and philanthropy.

PBAD 3632 Social Entrepreneurship, Enterprise, and Innovation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course surveys the theories for the emerging disciplines of social entrepreneurship, enterprise, and innovation. The course explores how individuals and organizations use private sector approaches to solving complex social problems.

PBAD 3633 International Non-governmental Organizations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the rapidly growing world of international nongovernmental organizations (INGOs). The course explores how these organizations are becoming a part of the global society through policy and program development, humanitarian relief, advocacy, and other human service provisions. Students will be able to increase their knowledge and understanding of INGOs - what they do, the complex issues they face, and how they differ from domestic nonprofits.

PBAD 3731 Public Policy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course surveys the topic of public policy including the historical foundations and theories of the field. Emphasis is placed on the the significance of public policy in addressing pressing social issues and the social, economic, political, and cultural contexts of public policy.

PBAD 3732 Policy Analysis
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the evidence-based methods used to create, implement, and study substantive public policy problems. This includes an investigation into the process of policy analysis, as well as the tools frequently employed at each step. The intent is to improve the quality of policy-making by critically examining the design and relevance of policies, their implementation and execution, and their impact on households, communities, and the society at large.

PBAD 3733 Contemporary Policy Issues
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This class explores a number of core substantive policy areas that represent a substantial part of contemporary U.S. policy-making. It offers a comprehensive overview of each topic area that and then probes more deeply into each topic. This includes an overview of the major policies and programs within each area, how they came into effect, and current or likely reforms in terms of effectiveness, efficiency, equity, ethics, or political feasibility.

PBAD 4231 Administrative Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course serves as an introduction to administrative law providing students with practical knowledge about administrative law procedures, how administrative law fits into the constitutional and legal framework, and the role of administrative law in policy. This course is designed to introduce students to decision-making based on a public agency's operating rules.

PBAD 4232 Public Service Values and Ethics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course investigates ethical concerns found in the public and nonprofit sectors, including the underlying values and norms that comprise these sectors. An emphasis is placed on the relationship between democracy and administrative decision-making, a focus on accountability, and the role of ethical actors in the resolution of value conflicts.

PBAD 4233 Human Capital Management for Administrators
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on human resources management in a public sector context. Particular emphasis is placed on the past developments of and future challenges in the field. Topics such as employee recruitment, selection, and compensation, as well as more contemporary issues such as diversity management are addressed.

PBAD 4234 IT and E-government for Public Managers
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines organizational societal value structures and the ways in which technology creates rapid change and new alternatives in values. The impact of e-government initiatives and social media on the way governments interact with the public is explored.

PBAD 4235 Research Methods and Evaluation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course familiarizes students with the basic approaches to social research as applied in public and service settings. Emphasis is placed on techniques for organizing and presenting data for policy and management decision-making.

PBAD 4331 Leadership & Managerial Innovation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to the literature on the successful leadership of people and groups in public service organizations. In order to lead well, managers need expertise in multiple areas, including personality, motivation, group behavior, power, leadership, decision-making, and change management. This course also examines the meaning and significance of managerial innovation.

PBAD 4332 Fund Development and Grant Writing for Nonprofits
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores resource development for nonprofit organizations. The course examines tools and strategies for fundraising principles and approaches for funding. It also investigates grant writing strategies for government and foundation resource acquisition.

PBAD 4333 Strategic Management for Nonprofits
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course surveys the managerial, strategic, and governance issues facing nonprofit leadership. The course explains how strategic planning techniques like environmental scans, stakeholder analysis, and strategy formulation and implementation assist management in responding to internal and external demands for increased nonprofit performance and mission accomplishment.

PBAD 4334 Policy and Markets
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This class explores the rationales and explanations for government intervention in correcting social problems including political, moral and ethical, and market or economic rationales. Special emphasis is placed on collective action, market failures, and externality as the predominant justification for public policy.
**Prerequisite(s):**

Program.

Associated with resistance training. This course will provide students with principles of muscular strength and muscular endurance fitness associated with resistance training. This course will provide students with the skills necessary to develop an effective intermediate weight training program.

**Prerequisite(s):** PEBC 1000.

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**PBAD 4431 Special Topics in Public Administration**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

This course is an elective that covers special topics in public administration.

**PBAD 4791 Field Internship in Public Administration**

3-9 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

The internship in public administration is designed to provide students with meaningful experiences in public service organizations. Students are approved to intern in a public or nonprofit organization, serving in positions that allow them to gain exposure to the management of these organizations. No more than three credit hours can be counted towards completion of the Minor in Public Administration.

**Prerequisite(s):** A minimum grade of "C" and prior or concurrent enrollment in PBAD 2231.

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**PEAT Physical Edu, Ath Train**

**PEAT 3460 Eval And Treat Of Upper Bod In**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

Injury assessment procedures for the vertebral column, abdomen and thorax.

**PEBC Physical Edu Activities**

**PEBC 1000 Beginning Weight Training**

1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.

Mechanical principles and techniques necessary for the understanding of weight training programs.

**Cross Listing(s):** KINS 1418.

**PEBC 1001 Basic Boot Camp**

1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.

Based on military-style of training, offers a variety of beginning exercises to increase cardiovascular efficiency, increase strength, and flexibility. Class may be indoors or outdoors.

**PEBC 1005 Intermediate Boot Camp**

1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.

Based on military-style of training, offers a variety of beginning exercises to increase cardiovascular efficiency, increase strength, and flexibility. Class may be indoors or outdoors.

**Prerequisite(s):** A minimum grade of "C" in PEBC 1001.

**PEBC 1010 Lifetime Fitness Training**

1 Credit Hour. 1 Lecture Hour. 1-18 Lab Hours.

Basic fitness and wellness concepts and applications to everyday life. Participation in an individualized fitness program.

**PEBC 1011 Advanced Boot Camp**

1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.

Based on military-style of training, offers a variety of beginning exercises to increase cardiovascular efficiency, increase strength, and flexibility. Class may be indoors or outdoors.

**Prerequisite(s):** A minimum grade of "C" in PEBC 1005.

**PEBC 1020 Aerobic Dance**

1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.

Combination of exercise and dance steps to improve cardiovascular endurance, muscular endurance, strength, and flexibility.

**Cross Listing(s):** KINS 1110.

**PEBC 1050 Intermediate Weight Training**

1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.

Principles of muscular strength and muscular endurance fitness associated with resistance training. This course will provide students with the skills necessary to develop an effective intermediate weight training program.

**Prerequisite(s):** PEBC 1000.

**PEBC 1070 Intermediate Weight Training**

1 Credit Hour. 1 Lecture Hour. 1-18 Lab Hours.

Instruction in two of the following sports: basketball, volleyball, soccer and/ or softball.

**PEBC 1080 Bowling**

1 Credit Hour. 0 Lecture Hours. 1-18 Lab Hours.

Basic skills in bowling. Minimum of three games required per class period at student's expense. Must provide own transportation.

**Cross Listing(s):** KINS 1115.

**PEBC 1090 Archery**

1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.

Basic skills in archery for recreation. Students must provide own arm and finger guards.

**PEBC 1100 Tumbling And Stunts**

1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.

Fundamentals and practice in beginning tumbling and gymnastic apparatus.

**Cross Listing(s):** KINS 1416.

**PEBC 1200 Yoga For Beginners**

1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.

Introduction and practice in yoga positions to improve strength, flexibility, body alignment, and breathing techniques.

**Prerequisite(s):** PEBC 1200.

**PEBC 1201 Intermediate Yoga**

1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.

Advanced instruction in yoga positions to improve strength, flexibility, body alignment, and breathing techniques.

**Prerequisite(s):** PEBC 1200.

**PEBC 1205 Pilates**

1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.

Pilates mat exercises to strengthen the core, improve posture, and increase flexibility.

**PEBC 1300 Walk, Jog, Run**

1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.

The principles of cardio respiratory fitness associated with walking, jogging, and running will be taught in this course along with the principles of flexibility fitness associated with static and dynamic stretching for the prevention of walking and jogging injuries. This course will provide students with basic cardio respiratory skills to develop an effective beginning walking, jogging or running program. This course is open to all levels of fitness.

**Cross Listing(s):** KINS 1311.

**PEBC 1301 Basic Swimming Skills**

1 Credit Hour. 0 Lecture Hours. 1-18 Lab Hours.

Fundamental skills and strokes for the student with little to no swim experience. Principles of water safety are included.

**Cross Listing(s):** KINS 1412.

**PEBC 1302 Intermediate Swimming**

1 Credit Hour. 0 Lecture Hours. 1-18 Lab Hours.

Basic swimming competence is required. Four basic strokes (free, back, breast, fly) related aquatic skills, endurance, and principles of safety in, on and around the water are taught.

**Prerequisite(s):** PEBC 1301.

**Cross Listing(s):** KINS 2412.

**PEBC 1310 Water Safety Instructor**

2 Credit Hours. 2 Lecture Hours. 1-18 Lab Hours.

Methods of teaching infant and pre-school aquatics, the seven levels of "learn to swim program," as well as community water safety, I.C.T., and safety training for swim coaches. Must be at least 17 years old and have level VI swim skills.
PEBC 1350 Beginning Scuba
1 Credit Hour. 0 Lecture Hours. 1-18 Lab Hours.
Fundamentals of scuba diving including dive equipment and techniques. Optional; dive trip required to secure PADI certification. Additional fee is required; contact department secretary for fee estimate. Must provide own transportation for each class meeting.
Cross Listing(s): KINS 1318.

PEBC 1380 Water Aerobics & Exercise
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Principles of cardiorespiratory fitness, flexibility, and resistance training associated with the dynamics of aquatics.

PEBC 1390 Lifeguard Training
2 Credit Hours. 1 Lecture Hour. 1-18 Lab Hours.
Recognizing and preventing injuries, rescue skills, CPR/AED/first aid, and pool health, sanitation, and management.

PEBC 1400 Safety First Aid And Cpr
1 Credit Hour. 1 Lecture Hour. 1-18 Lab Hours.
The American Red Cross course in "First Aid/CPR/AED for the Workplace, Schools, and the Community." Knowledge and skills necessary to recognize and provide basic care for injuries and sudden illnesses until advanced medical personnel arrive. Administrative fee paid to American Red Cross for proof of certification.

PEBC 1401 Elementary Tennis
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Basic rules, skills, strategies, and practice for singles and doubles. Students must provide own racket and one can of new tennis balls.
Cross Listing(s): KINS 1415.

PEBC 1402 Intermediate Tennis
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Advanced instruction in skills and strategy in tennis. Student must provide own racket and one can of new tennis balls.
Cross Listing(s): KINS 2415.

PEBC 1450 Badminton
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Basic rules, skills, strategies, and practice for singles and doubles.
Cross Listing(s): KINS 1112 and KINS 2112.

PEBC 1501 Beginning Modern Dance
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Modern dance positions and technique with basic improvisation.
Cross Listing(s): KINS 1212 and KINS 1213.

PEBC 1502 Contemp Dance Around World
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Continuation of PEBC 1501. This course includes social dances from different countries with emphasis on dynamics, composition, and choreography. Dances may include: cha-cha, salsa/mambo, tango, rumba, swing, line, plus square dances from various countries.

PEBC 1530 Intermediate Modern Dance
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Advanced instruction and practice in many forms of modern dance.
Cross Listing(s): KINS 1211.

PEBC 1551 Basic Ballet
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Basic ballet techniques. Emphasis on body position and practice in using steps in combinations.
Cross Listing(s): KINS 1117.

PEBC 1552 Intermediate Ballet
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Advanced instruction in ballet techniques. Refinement of skills of ballet.
Cross Listing(s): KINS 2117.

PEBC 1585 Tap Dance
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Designed to teach the most frequently used step combinations in choreographed tap dance routines. Performance of one or more routines required. Students required to provide own tap shoes.

PEBC 1601 Beginning Golf
1 Credit Hour. 0 Lecture Hours. 1-18 Lab Hours.
Basic instruction in rules, skills, and strategies for the beginning golfer. An additional fee is required. Must provide own transportation for each class meeting.
Cross Listing(s): KINS 1310.

PEBC 1602 Intermediate Golf
1 Credit Hour. 0 Lecture Hours. 1-18 Lab Hours.
Review and refinement of beginning skills, strategies, and etiquette of golf. An additional fee is required. Must provide own transportation for each class meeting.
Cross Listing(s): KINS 2310.

PEBC 1700 Special Topics: Phys Activity
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Physical activity announced when offered. May be repeated for additional credit as topics change.

PEBC 2000 Concepts Of Fitness
2 Credit Hours. 2 Lecture Hours. 0-18 Lab Hours.
Theoretical knowledge, fundamental concepts, and practical experience in the principles, assessment, development, and lifelong maintenance of fitness. Lab experiences required.

PEBC 2001 Con Of Personal Hlth & Fitness
3 Credit Hours. 3 Lecture Hours. 1-18 Lab Hours.
Theoretical knowledge, fundamental concepts, and practical experience in the principles, assessment, development, and lifelong maintenance of personal health and fitness. Focus on effecting positive changes in personal lifestyles. Topics include fitness components, nutrition, weight control, cardiovascular disease, stress, exercise-related and unintentional injuries, cancer, sexually transmitted infections, and addiction and substance use/abuse. Lab experiences required.

PEEC Physical Education Elec

PEEC 3010 Intramural & Rec Programs
3 Credit Hours. 3 Lecture Hours. 1-18 Lab Hours.
Preparation in organization and administration of intramural and recreational activities for grade schools, colleges and community programs. A field experience is required.

PEEC 3100 Outdoor Lifetime Activities
2 Credit Hours. 2 Lecture Hours. 1-18 Lab Hours.
Instruction in techniques, safety practices, rules, strategies, and equipment necessary for instruction in outdoor activities. Field trips to allow student participation in select activities. Student must provide his/her own transportation for each field trip. Additional fees may be required.

PEEC 3120 Coaching Football
2 Credit Hours. 2 Lecture Hours. 1-18 Lab Hours.
Instruction and practice in fundamental skills and team play, emphasizing methods and drills. Minimum of two games must be scouted at students' expense.

PEEC 3130 Coaching Basketball
2 Credit Hours. 2 Lecture Hours. 1-18 Lab Hours.
Instruction and practice in fundamental skills and team play, emphasizing methods and drills. Minimum of two games must be scouted at students' expense.
PEEC 3140 Coaching Baseball
2 Credit Hours. 2 Lecture Hours. 0-18 Lab Hours.
Instruction and practice in fundamental skills and team play, emphasizing methods and drills. Minimum of two games must be scouted at student's expense.

PEEC 3150 Coaching Volleyball
2 Credit Hours. 2 Lecture Hours. 1-18 Lab Hours.
Rules and fundamental skills of volleyball, with individual development and application of coaching methods.

PEEC 3170 Coaching Soccer
2 Credit Hours. 2 Lecture Hours. 0-18 Lab Hours.
Instruction and practice in the fundamental skills and team play, emphasizing methods and drills. Minimum of two games must be scouted at the student's expense.

PEEC 3180 Officiating Team Sports
2 Credit Hours. 2 Lecture Hours. 1-18 Lab Hours.
Rules, mechanics and ethics involved in officiating a variety of team sports. Students must provide own equipment appropriate to the sports and own transportation for off-campus assignments.

PEEC 3200 Health & Phys Ed Elem School
2 Credit Hours. 2 Lecture Hours. 1-18 Lab Hours.
Theory and current practice in the teaching of health and physical education at the elementary school level. A field experience is required.

Cross Listing(s): HLTH 3530.

PEEC 4130 Research Methods in Phys Ed
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Research methods in health and physical education.

PEHM Phys Edu/Health Major

PEHM 2100 Athl Hlt:Prvt/Rcgr/Care Inj
3 Credit Hours. 3 Lecture Hours. 0-18 Lab Hours.
Survey of the athletic health care system, legal liability associated with sports, techniques for preventing, recognizing, minimizing, and managing sports-related injuries and conditions. Instruction and certification in American Red Cross First Aid, CPR and AED. A certification fee is required. Lab experiences are required.

PEHM 2500 Foundations of Physical Edu
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of historical foundations, interrelationships of health and physical education and the development of current progressive programs including the uses and availability of technology.

PEHM 3000 Current Health Educ Issues
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Discussion of wellness, nutrition, exercise, disease, lifestyle and consumer issues, and aging.

PEHM 3050 Theory & Techniques of Dance
2 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
History, background, teaching techniques, and evolution of the various forms of dance including square, folk, social, and modern. Field experiences required.

PEHM 3060 Recreational Games
2 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Instruction in recreational games and activities in diverse settings and with diverse populations. Includes knowledge, attitudes, and skills for wiser use of the outdoors and natural resources. Field experiences required.

PEHM 3090 Basic Games Dance & Ryth Act
2 Credit Hours. 2 Lecture Hours. 0-18 Lab Hours.
Instruction in recreational, dance and rhythmic activities for P-12 diverse populations. A field experience is required.

PEHM 3200 Motor Development & Learning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Theories and Principles of motor development, learning, and control as they relate to the acquisition of fundamental locomotion and manipulative skills.

PEHM 3283 Kinesiology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An interdisciplinary approach to the science of movement. Topics include functional anatomy and applied principles of biomechanical analysis of movement-based sports activities.

PEHM 3300 Technique Team Sports Instrctn
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Analysis, demonstration, and application of basic skills and techniques necessary for instruction in soccer, softball, field hockey, football, volleyball, basketball, and team handball.

PEHM 3350 Class Mgmt Prac Hlth/Phys Edu
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Theory and best practices of class management as related to the characteristics of learners and effective pedagogy in health and physical education programs.

PEHM 3500 Exercise Physiology
3 Credit Hours. 3 Lecture Hours. 0-18 Lab Hours.
Response of the anatomy of major body organ systems to exercise, with laboratory procedures in exercise physiology.

PEHM 3700 Techniques in Ind & Dual Sport
3 Credit Hours. 3 Lecture Hours. 0-18 Lab Hours.
Analysis, demonstration, and application of basic skills and techniques necessary for instruction in individual and dual sports, including tennis, badminton, pickleball, golf, bowling, and gymnastics/tumbling.

PEHM 3780 Substance Abuse Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Detailed background information on the categories of drugs, chemical misuse, abuse, prevention, treatment, along with curriculum and age-appropriate teaching strategies.

PEHM 4000 Measure & Eval in Hlth and Pe
2 Credit Hours. 2 Lecture Hours. 1-12 Lab Hours.
Information related to fitness principles and theories, along with methodology utilized in fitness assessment and testing. Directed field experiences may be required.

PEHM 4090 Health Education Topics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In depth information on substance use (drugs, chemical misuse, abuse, prevention and treatment), topics relating to healthy relationships, sexual behavior (abstinence, comprehensive education, sexually transmitted diseases, pregnancy, and parenthood), and techniques utilized for conflict resolution.

PEHM 4100 Adaptive Physical Edu
2 Credit Hours. 2 Lecture Hours. 0-18 Lab Hours.
Instruction in methods for adapting physical education instruction to meet the needs of students with disabilities. A field experience is required.

PEHM 4333 Principles of Coaching
2 Credit Hours. 2 Lecture Hours. 0-18 Lab Hours.
Examination of the various aspects of coaching athletes in contemporary society by researching current findings and other related factors affecting performance. Specific attention given to the principles, problems, and understanding of management of athletic contests. A field experience is required.
PHIL 3120 Medieval Philosophy
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Major thinkers from Europe, North Africa, and the Middle East, including notable figures such as Augustine, Aquinas Ibn Sina, and Maimonides.

PHIL 3121 The Rise of Science in Religious Contexts
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An examination of the growth of proto-scientific thought in the religious cultures in medieval Europe, North Africa, and the Middle East. Notable figures whose work is explored include Augustine, Ibn Sina, Maimonides; the early scientific work of Grosseteste, Peregrinus, and Buridan; among others, is also explored. Course may include Reacting to the Past component.

PHIL 3130 Early Modern Philosophy: Rationalism and Empiricism
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The modern rationalist tradition and its rival empirical tradition, with emphasis on Descartes, Spinoza, Leibniz, Hobbes, Locke, Berkeley, and Hume.

PHIL 3140 Nineteenth Century Philosophy
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A survey of nineteenth century thinkers and their ideas regarding the nature of reality, knowledge, truth, God, society, and humanity. Possible representative figures are: Kant, Hegel, Marx, Schopenhauer, James, Kierkegaard, and Nietzsche in addition to others.

PHIL 3150 Contemporary Philosophy
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A philosophical exploration of the formative impact of technology on the character of modern culture and human values. The study of competing descriptions and definitions of technology as well as questions regarding effective human control of technology, the moral neutrality of technology, and the effects of technology on conceptual paradigms, language, politics, economics, sciences, education, art, and religion.

PHIL 3200 Technology, Society and Human Values
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A philosophical exploration of the formative impact of technology on the character of modern culture and human values. The study of competing descriptions and definitions of technology as well as questions regarding effective human control of technology, the moral neutrality of technology, and the effects of technology on conceptual paradigms, language, politics, economics, sciences, education, art, and religion.

PHIL 3230 Modern Political Thought
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The course in modern political thought is concerned with the differentiation of politics as an activity distinct from, and independent of, religion. Political thinkers in the modern period are distinguished by their turn to scientific and other modern modes of rationality as foundations for the analysis of politics. Central concerns include delineating the rights and powers of the individual and establishing a secular basis for a just society.

PHIL 3232 Philosophy of Law
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A study of major topics in the philosophy of law, all of which concern the relationship of law to morality and justice-including the nature of law in general; the importance of the rule of law and of limiting the rule of law; and some theory and practice of criminal law.

PHIL 3240 Political Economy
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The course in political economy is concerned with the differentiation of political economy as an activity distinct from, and independent of, religion. Political thinkers in the modern period are distinguished by their turn to scientific and other modern modes of rationality as foundations for the analysis of politics. Central concerns include delineating the rights and powers of the individual and establishing a secular basis for a just society.

Cross Listing(s): POLS 3230.

PHIL 3300 Ancient Philosophy
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Emphasis on the Pre-Socratics, Plato, and Aristotle. May also address thinkers such as the Stoics, Epicureans, Skeptics, and Neo-Platonists.
PHIL 3330 Philosophy of Art
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A critical study of philosophical theories about the nature of art drawing from both traditional and contemporary thinkers. Topics include defining and evaluating art, describing the creative process, the significance of art in society, censorship, the connection between art and politics, and the relationship between art and commercialism.

PHIL 3332 Contemporary Moral Problems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A course in applied ethics which provides a philosophic discussion of the most salient ethical problems of the day. Typically the course will cover such topics as abortion, animal rights, euthanasia, capital punishment, and suicide.

PHIL 3334 Environmental Ethics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the moral relations between human beings and their natural environment. The course examines theories of valuing nature, applies ethical analysis to environmental problems, and explores the underlying causes of environmental degradation.
Prerequisite(s): PHIL 2010.

PHIL 3531 Theory of Knowledge
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the main theories concerning the nature of knowledge and belief. Topics will include problems of skepticism, the reliability of perception and memory, and the sources of justification.

PHIL 3532 Metaphysics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the main theories concerning the nature of reality. Topics will include what things exist, the nature of space, time, matter, self, freedom, infinity, and God.

PHIL 3635 Existentialism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the existentialist movement in philosophy from its origins to the present, showing how and why the movement began, what its authors advocate, and how it has been assessed by contemporary critics. Readings will include selections from Kierkegaard, Jaspers, Heidegger, Sartre, and others.

PHIL 4130 Feminist Philosophy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the main topics in Feminist Philosophy to include the adversary method and the 'maleness' of philosophy; dualities of mind and body, male and female, self and other; women's ways of knowing; caring and maternal thinking; and ecofeminism. Feminist Philosophy addresses these ideals and assumptions in the western philosophic traditions that have oppressed women and other subordinate groups.
Cross Listing(s): WGST 4130.

PHIL 4233 Symbolic Logic
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamentals of propositional and predicate logic. Emphasis will be placed on construction of proofs in formal systems.

PHIL 4433 The Irish Philosophical Tradition
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the history of Irish Philosophy, from the Irish Augustinian, a seventh-century monk, to contemporary philosophers working in Ireland today. Special emphasis is placed on the Irish contribution to Empiricism in the work of Robert Boyle, William Molyneux, and George Berkeley.

PHIL 4434 Focus on the Philosopher
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The work of a great philosopher warrants a more detailed study than a survey course can allow. This advanced course is a detailed, semester-long study of the work of an important philosopher. The philosophers covered may vary from semester to semester, and from instructor to instructor.

PHIL 4532 Philosophy of Emotions
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to help students understand the nature of emotions, and to enable students to become better equipped to understand their own emotions. Students will study and critically evaluate the major contemporary theories of emotion as well as historical accounts of emotion.

PHIL 4533 Philosophy of Mind
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the most important questions in the philosophy of mind. The course will ask what minds are, whether statements about minds can be replaced by or reduced to statements about brains, what consciousness is, and whether there can be artificial intelligence.

PHIL 4534 Philosophy of Film
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Investigates philosophical issues via the medium of film. Topics may include philosophical issues represented in film, the cinematic experience, as well as the effectiveness of film as a philosophical medium.

PHIL 4632 Philosophy of Religion
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Major problems arising in the encounter between philosophy and religious belief (reason and faith). Emphasis varies among topics such as the nature and validity of religious experience and belief, the problem of evil, the meaning and status of religious language, and arguments regarding God's existence.

PHIL 4790 Internship
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course is for advanced majors who want work experience in fields related to Philosophy and Religious Studies such as academia, law, medicine, and for profit and not for profit businesses. Must have permission of the Chair and secure a faculty mentor who will sponsor the project.

PHIL 4800 Independent Study
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Offered on demand. The student, with the advice and permission of the supervising professor, selects the topic and submits a prospectus for department approval before the semester in which the course is to be taken. Transient students may take this course only with permission of the department head.

PHIL 5030 Selected Topics in Philosophy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on a special topic or theme as chosen by the instructor. May be repeated for additional credit when topics change.
Cross Listing(s): PHIL 5030G.

PHIL 5030G

PHSC 1211 Physical Science
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamental concepts, laws, and theories of physics. For non-science majors interested in a quantitative survey of the physics underlying the world, including motion, energy, electricty, and astronomy.
Prerequisite(s): Prior or concurrent enrollment in MATH 1111 or MATH 1001.

PHSC 1211L Physical Science Laboratory
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Laboratory investigations of the fundamental concepts, laws, and theories of physics.
Prerequisite(s): Prior or concurrent enrollment in PHSC 1211.

PHYS Physics
PHYS 1010 The Physics Of Sports
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamental concepts, laws, and theories of physics as they relate to a variety of sports, including volleyball, soccer, tennis, golf, and more. For non-science majors interested in the concepts underlying the mechanics of the skills and movements involved in a variety of physical activities. Includes in-class demonstrations and activities.
Prerequisite(s): A minimum grade of "C" in MATH 1111.

PHYS 111K Introductory Physics I
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
An introductory course which will include mechanics (kinematics, dynamics, work and energy, momentum and collisions, and rotational motion and statics), and may also include thermodynamics and waves. Elementary algebra and trigonometry will be used. Laboratory exercises supplement the lecture material.
Prerequisite(s): A minimum grade of "C" or better in PHYS 1110, or MATH 1130, or MATH 1113, or prior or concurrent enrollment in MATH 1441 or MATH 1501.

PHYS 112K Introductory Physics II
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
An introductory course which will include electrostatics, electric current and circuits, and electromagnetism, and may also include optics and modern physics. Elementary algebra and trigonometry will be used. Laboratory exercises supplement the lecture material.
Prerequisite(s): A minimum grade of "C" or better in PHYS 111K.

PHYS 1135 How Things Work
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is a non-mathematical course designed for liberal arts students. Fifty-one objects in our everyday world are examined to answer the question "How do they work?". As a result concepts of physics that everyone uses daily are revealed in an interesting and understandable manner.

PHYS 1149 Environmental Physics
4 Credit Hours. 0.4 Lecture Hours. 0 Lab Hours.
A general course on the physical basis of environmental science. Emphasis is placed on the identification and effective amelioration of both natural and man-made hazards to the earth's biosphere. Topics include greenhouse effects, ozone, acid rain, energy production and water disposal, radiation hazards, noise pollution and disruptive natural phenomena.

PHYS 2211K Principles of Physics I
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
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.
Prerequisite(s): Prior or concurrent enrollment in MATH 1441.

PHYS 2212K Principles of Physics II
4 Credit Hours. 0.3 Lecture Hours. 0.3 Lab Hours.
An introductory course which will include electrostatics, electric current and circuits, and electromagnetism, and may also include optics and modern physics. Elementary calculus will be used. Laboratory exercises supplement the lecture material.
Prerequisite(s): A minimum grade of "C" in PHYS 2211K.

PHYS 3130 Sound Waves and Acoustics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the production, transformation, reflection, absorption, and general effects of vibration and sound.
Prerequisite(s): A minimum grade of "C" in PHYS 2212K.

PHYS 3131 Optics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Geometric, physical, and quantum optics in which the general principles of wave optics and several optical devices are studied.
Prerequisite(s): A minimum grade of "C" in PHYS 2212K.
Cross Listing(s): ASTR 3131.
PHYS 3790 Teaching Internship in Physics  
1-2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The internship allows students to investigate teaching practices in physics. The student will participate in an introductory workshop immediately prior to the start of the semester, intern in a PHYS 1113 and/or PHYS 1114 laboratory, and meet with the faculty mentor one hour each week throughout the semester. 1 credit hour per laboratory section in which the student interns. 
Prerequisite(s): A minimum grade of "C" in PHYS 2212K. 
Cross Listing(s): ASTR 3558.

PHYS 4131 Quantum Optics  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Involves theories related to laser spectroscopy, nonlinear optics, laser pulse propagation, laser cooling and various effects in laser spectroscopy related to quantum interference. 
Prerequisite(s): A minimum grade of "C" in PHYS 3536.

PHYS 4232 Properties of Materials  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Introduction to the properties of semiconductors, magnetic materials and superconductors. Particular emphasis will be placed on semiconductors with regard to developing an understanding of light emitting diodes, diode lasers and quantum well devices. 
Prerequisite(s): A minimum grade of "C" in PHYS 2212K.

PHYS 4332 Principles of Lasers  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An introduction to the basic principles of laser oscillation, construction and operation of the most common laser systems, based on the rate equation and laser cavity theory. This course also provides practical experience in the use of many laser systems and in laser radiation safety. 
Prerequisite(s): A minimum grade of "C" in PHYS 2212K.

PHYS 4421 Advanced Physics Lab I  
2 Credit Hours. 0 Lecture Hours. 6 Lab Hours.  
A laboratory course where the student will learn classical laboratory techniques, computer data acquisition, statistical analysis of data and proper reporting of results. 
Prerequisite(s): A minimum grade of "C" in PHYS 2212K.

PHYS 4422 Advanced Physics Lab II  
2 Credit Hours. 0 Lecture Hours. 6 Lab Hours.  
This is a laboratory course where students will learn how to critically read scientific literature, develop a research proposal, conduct experimental physics research, and present a research project. 
Prerequisite(s): PHYS 4421.

PHYS 4790 Internship in Physics  
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
The internship allows physics majors to work in a professional setting related to their chosen concentration. Students can earn between one and six credits for internships approved by their academic advisor and the Physics Internship Director. Students must complete a minimum of 5 hours of on-site work per week for each credit hour earned. Students must maintain contact with the Physics Internship Director through the course of the internship work, and must give an oral presentation at the end of the semester. Internship credits can be used for elective credit only and may not substitute for specific degree requirements. Requires permission of Physics Internship Director.

PHYS 5090 Selected Topics in Physics  
2-5 Credit Hours. 0-5 Lecture Hours. 0-6 Lab Hours.  
A course allowing for investigation of selected topics in physics; it will be taught on a one-time basis. Lecture only course can be for two, three, or five credit hours. For laboratory courses, one credit hour will be given for every three hours spent working in lab. 
Prerequisite(s): A minimum grade of "C" in PHYS 1112K or PHYS 2212K. 
Cross Listing(s): ASTR 5090, ASTR 5090G, PHYS 5090G.

PHYS 5151 Classical Mechanics  
5 Credit Hours. 5 Lecture Hours. 0 Lab Hours.  
Provides physics majors and student of applied mathematics and engineering with the fundamentals of analytical mechanics. 
Prerequisite(s): Prior or concurrent enrollment in MATH 3230 and a minimum grade of "C" in PHYS 2212K. 
Cross Listing(s): PHYS 5151G.

PHYS 5152 Classical E and M Theory  
5 Credit Hours. 5 Lecture Hours. 0 Lab Hours.  
Provides physics majors and students of applied mathematics and engineering with the fundamentals of electromagnetic field theory. 
Prerequisite(s): PHYS 5151. 
Cross Listing(s): PHYS 5152G.

PHYS 5530 Thermal Physics  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A course in classical thermodynamics and kinetic theory. 
Prerequisite(s): A minimum grade of "C" in PHYS 2212K; and completion of MATH 2243. 
Cross Listing(s): PHYS 5530G.

PHYS 5536 Studies in Physics for Secondary Teachers  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Designed to acquaint the student with some of the problems encountered in high school physics presentations. 
Prerequisite(s): MATH 1113. 
Cross Listing(s): PHYS 5536G.

PHYS 5557 Quantum Mechanics  
5 Credit Hours. 5 Lecture Hours. 0 Lab Hours.  
A study of the basic postulates of quantum mechanics with solutions to Schrodinger's wave equation for simple applications; the techniques of calculating position, energy and momentum with operators and the elements of perturbation theory with application to atomic spectra. 
Prerequisite(s): PHYS 3536, PHYS 3537, and MATH 3230. 
Cross Listing(s): PHYS 5557G.

PHYS 5890 Physics Research Experience  
1-4 Credit Hours. 0.3 Lecture Hours. 0 Lab Hours.  
An independent physics research experience in which a student will investigate a research question under the direction of a faculty member. Students will be expected to maintain a laboratory notebook, prepare a written summary of the research, and give an oral presentation at the end of the experience. Permission of instructor is required. 
Cross Listing(s): PHYS 5890G, ASTR 5890, ASTR 5890G.

POLS Political Science

POLS 1101 American Government  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Surveys government and politics, with additional attention to the government and the Constitution of Georgia. Topics include the constitutional structure of American government, the role of non-governmental institutions such as interest groups and mass media, the role of governmental institutions such as Congress and the Presidency, the operation of major political processes such as elections and policy making, and the interaction between institutions and processes. Satisfies the Georgia Constitution and U.S. Constitution requirements.

POLS 1150 World Politics  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Comparative political systems with emphasis on the variety of world politics. Differences in government structure, policy, and political traditions. Democratization, modernization, nationalism, the future of the nation state, the end of the Cold War, and the potential of developing nations.
POLS 1200 Ethics/Morals in Government 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Ethics of citizenship, policy-making, and governance. Classical and modern theories of justice, with emphasis on collective goods and individual rights. Three credit option requires student research on distributive justice and public policy.
POLS 2101 Introduction to Political Science 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the concepts that are considered in the systematic study of politics, such as justice, equality, regimes, and democracy. This course will examine the concepts and approaches by which political scientists explore politics theoretically and in applied settings. Required of all majors and minors in political science.
Prerequisite(s): A minimum grade of "C" in POLS 1101.
POLS 2130 Introduction to Political Analysis 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is part of a two-course foundation for Political Science majors. In Introduction to Political Science, students were introduced to the who, what, when, where, and why of Political Science. In this course, students will learn the how; in other words, how Political Scientists use the concepts, tools, and approaches available to them to understand the political world. Students will learn the tools of research design and both qualitative and quantitative techniques that are actively used in the discipline. Additionally, students will learn how the writing process unfolds from puzzle to final manuscript and presentation. The final goal of this course is to create an original, independent research design that can be completed in an upper-level Political Science course for presentation at a professional conference and/or publication in a professional journal. Required of all majors in political science.
Prerequisite(s): A minimum grade of "C" in POLS 2101.
POLS 3101 Moot Court I 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Legal argumentation and decision making including writing briefs, research, and forensic skills.
Prerequisite(s): POLS 1101 or permission of the instructor.
POLS 3102 Moot Court II 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A continuation of Moot Court I, for those ready for a second semester of moot court study and competition.
Prerequisite(s): A minimum grade of "B" in POLS 3101.
POLS 3132 Asian Politics 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the diversities across and within South, Southeast, and East Asia. It analyzes the following key themes: nationalism, colonialism, regime change, economic development, civil society and social movements, political conflict, and ethno-religious pluralism.
Cross Listing(s): INTS 3132.
POLS 3133 Latin American Politics 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the major domestic and international factors in comparative Latin American political systems. Special attention and detail is given to the challenges of development and democratization.
Cross Listing(s): LAST 3133.
POLS 3134 Middle East Politics 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines political change and economic development of the Middle East in the last century, focusing on colonialism, radical Islam, oil politics, Arab nationalism, the Arab-Israeli conflict, and the U.S. role in the Middle East.
Cross Listing(s): INTS 3134.
POLS 3135 Legislative Behavior 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The ability of elected bodies whether they are local, state, regional, or national to represent the preferences of their constituents is linked to the ability of elected officials, their staffs, and the executive agency administrators to manage change in an arena of inadequate information. This course will examine decision making, agenda setting, elections, and institutional arrangements with a particular concern for the mechanisms legislatures have for processing information. Students will become familiar with the three contemporary approaches to the study of legislatures: historical, behavioral, and formal.
POLS 3136 The Presidency 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An analysis of the political, constitutional, behavioral, symbolic and policy roles of the President. Attention is also paid to the linkages between the Presidency and the other government and political institutions.
POLS 3137 Judicial Politics 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this course, students analyze and evaluate judicial politics by examining the actors, institutions, processes, and procedures that contribute to the formulation, administration, and adjudication of the law.
Prerequisite(s): A minimum grade of "C" in POLS 1101.
POLS 3138 Constitutional Law: Government Powers 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the constitutional development of the national government through landmark Supreme Court decisions. Topics include: judicial power, separation of power, federalism, and interstate commerce.
POLS 3139 Constitutional Law: Civil Liberties and Civil Rights 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the study of the Bill of Rights through landmark Supreme Court decisions. Topics include freedom of speech, press, and religion, the right to privacy, rights of the accused, search and seizure law, and equal protection of the law.
POLS 3230 Modern Political Thought 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course in modern political thought is concerned with the differentiation of politics as an activity distinct from, and independent of, religion. Political thinkers in the modern period are distinguished by their turn to scientific and other modern modes of rationality as foundations for the analysis of politics. Central concerns include delineating the rights of powers of the individual and establishing a secular basis for a just society.
Cross Listing(s): PHIL 3230.
POLS 3231 Environmental Politics 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines important topics in United States environmental protection policy-making. It does so within the institutional context of American politics, including the congressional, presidential, administrative, judicial, intergovernmental, and constituency components of decisions relating to environmental protection. These decisions will be examined using the focus of the regionally important aspects of environmental quality such as water, air, and land resources.
POLS 3232 Philosophy of Law 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of major topics in the philosophy of law, all of which concern the relationship of law to morality and justice—including the nature of law in general; the importance of the rule of law and of limiting the rule of law; and some theory and practice of criminal law.
Cross Listing(s): PHIL 3232.
POLS 3233 Politics and The Media 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A comprehensive overview of the institutions and processes of the mass media in American politics. Emphasis is given to the history and role of the mass media in the United States and to the use of the media in covering news events as well as in political campaigns.
POLSc 3234 Introduction to the European Union
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will introduce students to the history, institutions, policies, and cultures of the European Union and its member states.
Cross Listing(s): EURO 3234, INTS 3234.

POLSc 3235 Women and Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the relationship of women to political life and to political theory-building. Focuses on political socialization, behavior, and institutional impact based on gender, using a comparative cross-national approach.

POLSc 3236 International Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces students to the basic concepts of international relations, including those of war and peace, power, foreign policy, international organization, markets, demography, ecology, and the impact of information technology. Students will be provided with the necessary concepts, theories, and methods used in the discipline including quantitative analysis in order to gain a better understanding of the nature and problems of international relations.
Prerequisite(s): POLS 1101 or POLS 2101.
Cross Listing(s): INTS 3236.

POLSc 3237 African American Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A basic appreciation of the nature, processes, structures, and functions of African American politics in the domestic and international arena and how they differ from dominant assumptions, theories, approaches, and models of American politics. Focus is on how to seek and maintain empowerment.

POLSc 3239 Human Rights in International Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will explore the vulnerability of various political minorities to human rights abuses at the global level and provide an assessment of the roles of states, international organizations, and non-governmental organizations in human rights issues.
Cross Listing(s): INTS 3239.

POLSc 3330 State and Local Government
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the forms of organizations, the functions, and the operations of the 50 state governments. Special attention will be given to the growing problems in the urban areas such as the interplay of politics, pressure groups, and community power structures.

POLSc 3331 Introduction to Bureaucratic Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the socio-political impacts of modern bureaucracies, how modern bureaucracy has emerged as a “fourth branch” of federal government (including historical development), and its ability to influence policy making with particular emphasis on implementation.

POLSc 3332 Political Parties and Elections
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A comprehensive overview of the institutions and processes that connect the public to government institutions. Course emphasis is given to the history and structure of the political parties in the United States and the electoral process and voting at and below the presidential level.

POLSc 3333 Southern Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the changing political conditions and trends within the eleven states of the American South since WWII. Students will examine the events which led to the unique political environment one encounters in the South. The primary focus will be on the political environment, but also on social, cultural, and economic variables as they relate to the political system.

POLSc 3334 Film and Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Considers how the art of film has contributed to an understanding of major twentieth-century political events and thoughts. Topics include war, nationalism, authoritarianism, the Cold War, presidential politics and campaigning, populism and the ethos of democracy in classic and contemporary film.

POLSc 3335 Ethnicity and Nationalism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines ethnicity and nationalism in comparative perspective. It discusses a wide variety of social and political phenomena including identity, language, violence, religion, class, gender and colonialism. Ethnic groups in almost every multiethnic country continue to compete with one another over issues of economic equity, political decentralization, power-sharing, language, educational policies and cultural rights. This course explores why and how power and passion of these groups are created by comparing ethnic conflicts across the globe and analyzes the following factors - language, religion, race, historical memories, values, territory, customs, symbols, myths and other cultural attributes.

POLSc 3336 Ancient Political Thought
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines political themes from the Ancient Greeks to the Renaissance.

POLSc 3338 Language and Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A critical examination of language as a problem-solving device and tool for understanding argument and legal contestation. Delineation of individual rights, institutional authority and legal jurisdiction with emphasis on language and legal power. Analysis of the sociology of language and law within the concepts of human rights and socio-political entitlements.
Prerequisite(s): A minimum grade of “C” in ENGL 1102.

POLSc 3340 Pol & Ideol/Contemporary Euro
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Interaction between political institutions and ideas in contemporary Europe.

POLSc 3350 Classics of Political Thought
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected texts in political theory, ancient, and modern.

POLSc 3420 Pol Of Underdev: Afr & Lat Am
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Prerequisite(s): A minimum grade of “C” in POLS 2101.

POLSc 3431 African Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines salient themes and background of contemporary African political systems. The emphasis will be on government and politics of modern Africa bearing on the emergence of post-colonial states and regional and global ramifications.

POLSc 3433 Survey of Comparative Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to the basic concepts of comparative politics, including those of democratization, regime transition, electoral politics, political parties, ethnic conflict, and economic development. Students will be provided with the necessary concepts, theories, and methods used in the discipline including quantitative and qualitative analysis in order to gain a better understanding of the nature and problems of comparative politics.
POLS 3438 Gender and the Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on legal issues related to gender, and considers judicial decisions that have helped shape policies related to issues such as reproductive rights, employment discrimination, family law, Title IX, and sexual harassment.
Prerequisite(s): A minimum grade of "C" in POLS 1101.

POLS 3480 Governments Of Western Europe
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Comparison of the major Western European governments, emphasizing the forces impacting political stability in Parliamentary systems.
Prerequisite(s): A minimum grade of "C" in POLS 2101.

POLS 3530 Global Environmental Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the politics of environmental issues from local, national, and international perspectives including public perception, competing ideologies, the nature of the political process, the courts, the media, and political institutions.

POLS 3532 Political and Social Aspects of Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Law as a dynamic institutional. Sources and functions of both civil and criminal law and operation of the legal process viewed from the perspectives of jurisprudence, political science, and sociology.
Prerequisite(s): POLS 1101.

POLS 3551 Introduction to United Nations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this course, students will be introduced to the concepts of international organizations and the part that they play today in international politics. Specifically, we will examine the United Nations, its structure and function, its failures and successes, and what the future holds for this organization.
Cross Listing(s): INTS 3551.

POLS 4031 Selected Topics in Political Science
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Course allows various contemporary topics within Political Science to be examined.

POLS 4130 American Political Thought
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines political themes and thinkers from the Colonial to the Contemporary period.

POLS 4131 Introduction to Public Affairs
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the policy process in the American political system focusing on the analysis, formulation, implementation, and evaluation of public policies. Specific policy areas such as welfare, information technology, education, health, and foreign policy are examined.
Prerequisite(s): POLS 1101.

POLS 4132 U.S. Foreign Policy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides basic information and understanding of the key elements and actions involved in the formulation and execution of U.S. foreign policy. Special attention is given to the impact of U.S. foreign policy on the international system.
Cross Listing(s): INTS 4132.

POLS 4133 International Political Economy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the interplay between international politics and international economics or business or the process of international wealth acquisition and transfer. Emphasis will be on the dynamics that give rise to asymmetric distributions: who gets what, when and how among different players in the global economy.

POLS 4134 International Law and Diplomacy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the body of literature, concepts, and historical perspectives of international law and diplomacy as related to the critical problems of the Post-Cold War era. Focuses on the legal, oral, and strategic dimensions of several past, present, and proposed means of conflict resolution.

POLS 4135 International Organizations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A theoretical and analytical study of the organization, powers, and problems of global and regional international organizations.
Cross Listing(s): INTS 4135.

POLS 4136 Politics of the Global North
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on examination of the cultural, social, and political factors that contribute to the structure, function, and problems of contemporary nation-states in the Global North.
Prerequisite(s): POLS 1101 or POLS 2101.
Cross Listing(s): INTS 4136.

POLS 4137 Politics of the Global South
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of government and politics in the major developing countries of Latin America, Africa, and Asia. Historical, cultural, religious, and economic factors influencing the political systems of these countries are also studied.
Cross Listing(s): INTS 4137.

POLS 4138 International Terrorism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed to explore the political, religious, economic, and social issues which pervade the global environment. Key issues to be addressed include different forms of terrorism, conflict resolution, and at the state level reunification issues. Emphasizes the critical, and perhaps, decisive and controlling impact which terrorist groups level on policy changes.
Cross Listing(s): INTS 4138.

POLS 4139 Contemporary Political Thought
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Theorists since the onset of the twentieth century have questioned the scientific foundations of modern political ideas and institutions. Issues to be discussed may include the nature and limits liberalism, the rise of mass politics, the benefits and dangers of modern technology, and the emergence of multiculturalism and feminism.

POLS 4190 Environmental Laws and Regulations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to hazardous waste regulations, solid waste management programs, the Clean Air Act, OSHA regulations, the Clean Water Act, environmental audits, remediation technology, and issues relating to the impact of environmental laws on society.

POLS 4210 Politics of Public Policy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides students with the analytical tools to assess the role of politics in policy making. Approaches policy making process as a multi-level analysis of interrelated government institutions and facilitates student processing and evaluation of complex political information embedded in the theory and practice of public policy formation.

POLS 4220 Politics of Economic Inequality
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores the relationship between economic inequality and political voice, institutional governance, and public policy. It considers the causes of economic inequality, historical struggles in political development, and the socio-economic context of economic inequality all within a theoretical framework of equality and inequality.
POLS 4238 International Conflict 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the causes of international conflict, including theories about alliances, power, bargaining, arms races, conventional and nuclear deterrence, and nuclear weapon proliferation.

POLS 4239 Politics and the Military 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the major theories of civil-military relations and how these relations play out in modern politics. Topics covered include: civilian control of the military, military intervention in politics, the military in the developing world, and the experiences of minorities in the military.

POLS 4240 Asian Regional Security 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Applies international relations theory and conceptual frameworks to a broad discussion of regional policy with a focus on the changing role of China.

POLS 4270 Intelligence & National Security Policy 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the roles played by the president, the National Security Council, the Cabinet Departments of State, Defense, and Homeland Security, and the intelligence community in the national security/defense policy-making process.

POLS 4300 Religion & Political Thought 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Religious traditions of Judaism, Christianity, and Islam as sources of political ideas.

POLS 4330 Liberalism and the Modern State 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Historical and conceptual development in the theory and practice of liberal democracy from the 17th century to the present.

POLS 4410 Asia and the United States 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
How the U.S. and Asian countries grapple with key issues facing the world today such as trade, security, and environment.

POLS 4438 Legal Reasoning and Writing 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces rule-based reasoning in writing legal documents. Students read and analyze precedents and statutes, use them as a basis for their argument, and translate written arguments into oral arguments. The persuasive writing style is emphasized.
Prerequisite(s): A minimum grade of "C" in POLS 1101.

POLS 4440 Immigration Law and Policy 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Analyzes the evolution of U.S. immigration law and policy, and current controversies in the field. Explores the intersection of immigration policy with fundamental principles of sovereignty, national security, equality and human rights.

POLS 4460 Politics of East Asia 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Primer on the history, nationalism, political institutions, maritime disputes and economic development of Southeast and East Asia. Offers a comprehensive and integrated introduction to the present problems and issues of the region.

POLS 4490 Russian Politics 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Political change in the former Soviet Union with emphasis on the new direction of the political, economic, and social transformation of the regime. Comparison of tsarist autocracy, Soviet totalitarianism, and the contemporary Russian political system.
Prerequisite(s): A minimum grade of "C" in POLS 1150 or POLS 2100 or POLS 2200 or POLS 2290.

POLS 4491 How to Win a Political Campaign 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course will address fundamental elements of campaign operations from candidate suitability to voter mobilization as a practice. The goal of the course is simply to provide relevant real-world training for students to engage in meaningful political engagement in the electoral process.

POLS 4510 National Security of the Developing South 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of the role, behavior and perspective of Developing South states in the international system, including ethnic conflicts, war, and their search for stability within a chaotic world.
Prerequisite(s): POLS 1150 or INTS 2130.

POLS 4520 Comparative Judicial Systems 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Comparative survey of judicial procedures in political systems of the Global North and the Global South.

POLS 4530 Marxism, Socialism, and Democracy 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Readings in Marxist and other socialist texts as well as critiques of socialism. Examination of communist regimes, revolutions, and social democratic governments. Evaluation of significance for contemporary democratic theory and practice.

POLS 4534 Feminist Political Thought 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines how conceptions of gender have informed notions of political agency, community, and identity. This course foregrounds the role of gender relations in redefining the nature and significance of politics.

POLS 4550 Insurgency and Civil War 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the forms of organized movement aimed at the overthrow of a government through the use of violence. A survey of the measurements taken by a government to defeat insurgency and/or to resolve civil war.

POLS 4560 Comparative Foreign Policy 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of various theories of state type and foreign policy behavior and evaluation of such theories in foreign policy analysis.

POLS 4570 Politics and Security in Southwest Asia 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An in-depth understanding of the political and security challenges confronting Southwest Asia (Pakistan, Afghanistan, India) and how those challenges affect global security.

POLS 4580 Violent Non-State Actors 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the different types of VNSAs and how they challenge the nation-state.

POLS 4581 Model United Nations 3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Prepares students for Georgia Southern's participation in the National Model United Nations Conference in New York City in the spring of each year. Students learn the structure, function and organization of the United Nations as well as in-depth knowledge of the particular country that they will be representing in New York. Emphasis is placed on learning parliamentary procedure and diplomatic skills as part of the research conducted for becoming an advocate of the country being represented.
Prerequisite(s): A minimum grade of "C" in INTS 3551 or POLS 3551.
POLS 4582 Model United Nations II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed for students in the second year of their participation on Georgia Southern University's National Model United Nations (NMUN) delegation. In addition to studying a different country and region of the world which requires students to learn the history, culture, and foreign policies of their assigned country, NMUN students also research and write on topics in different United Nations committees. Second-year delegates also take on added responsibility to plan, coordinate, and execute three Georgia Southern-sponsored Model United Nations conferences. Emphasis is placed on learning the intricacies and nuances of parliamentary procedure as it applies to both the Middle School and High School conferences conducted by Georgia Southern University.
Prerequisite(s): A minimum grade of "C" in INTS 3551 or POLS 3551.

POLS 4583 Theories of Justice
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A consideration of the primary theories of justice formulated through history. Examines and evaluates the theoretical foundations of conceptions of justice from a variety of perspectives.
Prerequisite(s): CRJU 1100 or POLS 1101.

POLS 4791 Field Internship in Political Science
3-12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The internship is designed to give students practical experience in a government-qualified agency and/or environment.
Prerequisite(s): POLS 1101 and POLS 2101; departmental approval required.

POLS 4890 Independent Study in Political Science
1-12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides opportunity to work one-on-one with an instructor to tailor a subject of interest to the student.

POLS 5630 Seminar in American Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A systematic focus on major themes and issues in American public policy and their roots in American politics.
Prerequisite(s): A minimum grade of "C" in POLS 2101 and POLS 2130.
Cross Listing(s): POLS 5630G.

POLS 5631 Seminar in Political Theory
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
a seminar focusing on selected theoretical topics. Emphasis will be placed on normative theory and the history of political thought.
Prerequisite(s): A minimum grade of "C" in POLS 2101 and POLS 2130.
Cross Listing(s): POLS 5631G.

POLS 5633 Seminar in International Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed to familiarize students with the theories which guide the conduct and analysis of international relations. These theories are examined in both their classical and contemporary context and used to evaluate and assess international relations' phenomena.
Prerequisite(s): A minimum grade of "C" in POLS 2101 an POLS 2130.
Cross Listing(s): POLS 5633G, INTS 5633, INTS 5633G.

POLS 5634 Seminar in Comparative Politics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides an overview of the comparative method and theory building in comparative politics focusing on the macro-structural, rational choice, cultural and statist approaches. Furthermore, it analyzes various themes within Comparative Politics: political culture, regimes and regime transitions, elections and party systems, ethnicity and nationalism, political mobilization, revolution, civil wars and insurgencies. The topical focus is substantiated with relevant case studies, case comparisons and cross-case analysis to explore the diversity of the field and political processes across the world.
Prerequisite(s): A minimum grade of "C" in POLS 2101 and POLS 2130.
Cross Listing(s): POLS 5634G, INTS 5634, INTS 5634G.

POLS 5635 Seminar in International Organizations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An analytical study of the organization, powers, and problems of global and regional international organizations.
Prerequisite(s): A minimum grade of "C" in POLS 2101 and POLS 2130.
Cross Listing(s): POLS 5635G, INTS 5635, INTS 5635G.

PRCA Public Relations

PRCA 3030 Selected Topics in Public Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Offers varied courses in specialized areas of the field of Public Relations.
Prerequisite(s): PRCA 3330 or departmental approval required.

PRCA 3100 Introduction to Public Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the history, theories, and principles of public relations, and the role and practice of public relations in various organizational contexts.
Prerequisite(s): COMM 2332.

PRCA 3330 Public Relations Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
In this course, students examine writing techniques employed in media management programs including the strategic design and development of multimedia messages and message dissemination.
Prerequisite(s): A minimum grade of "C" in MMJ 2331 and PRCA 3100.

PRCA 3331 Corporate Public Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the role of public relations within a corporation and its responsibilities in developing and maintaining external and internal relations.
Prerequisite(s): PRCA 3100.

PRCA 3332 Public Relations Event Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides students with the opportunity to learn and implement planning techniques and strategies unique to events. Special emphasis will be placed on non-profit creation of an event to meet organizational goals.
Prerequisite(s): A minimum grade of "C" in PRCA 3330.

PRCA 3333 International Public Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the performance of public relations in international contexts. Consideration will be given to the political, economic, social, and historical contexts affecting public relations practices. Special emphasis will be placed on the interaction between government and public relations.
Prerequisite(s): PRCA 3100.

PRCA 3334 Social Media and Public Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides students the opportunity to learn about and create specialized organizational print and online publications such as brochures and newsletters.
Prerequisite(s): PRCA 3100 and PRCA 3330.
PRCA 3335 Nonprofit Pr
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the philosophical and theoretical foundations of public relations and volunteerism in the non-profit sector. Strategic communication strategies, including media relations, are explored as they relate to both internal and external publics, including the unique legal and public relations ethical issues impacting nonprofits.
Prerequisite(s): PRCA 3100.

PRCA 3339 Public Relations and Publications
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides students the opportunity to learn about and create specialized organizational print and online publications such as brochures and newsletters.
Prerequisite(s): PRCA 3100 and PRCA 3330.

PRCA 3711 Public Relations Practicum
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
Provides limited practical experience in public relations projects in either an academic or a professional setting. A maximum of four hours may be applied toward a degree.
Prerequisite(s): PRCA 3330.

PRCA 4330 Public Relations Research
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores the role of public opinion in public relations. Students will gather, analyze and use qualitative and quantitative audience research as part of a public relations program.
Prerequisite(s): PRCA 3100.

PRCA 4331 Public Relations Firms
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Reviews the evolution and management of public relations firms, and principals involved in counseling clients.
Prerequisite(s): PRCA 3330.

PRCA 4332 Public Relations Crisis Communication
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides understanding of how crises affect an organization’s public relations efforts. Students will learn strategies for anticipating crises and developing communications responses.
Prerequisite(s): PRCA 3330.

PRCA 4335 Senior Seminar in Public Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines ethical issues and current topics in the practice of public relations.
Prerequisite(s): PRCA 3100 or PRCA 3330 or PRCA 4330.

PRCA 4339 Public Relations Campaign Strategies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An advanced course in which students analyze cases and apply principles, processes, and theories of public relations to the execution of campaigns.
Prerequisite(s): PRCA 3100, PRCA 3330, PRCA 4330.

PRCA 4711 Public Relations Practicum
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
Provides limited practical experience in public relations projects in either an academic or a professional setting. A maximum of four hours may be applied toward a degree.
Prerequisite(s): PRCA 3330.

PRCA 4791 Public Relations Internship
3-12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides practical experience in a professional public relations setting with public relations practitioner supervision. May be taken only by public relations majors.
Prerequisite(s): PRCA 3330.

PRCA 4792 Public Relations Internship
3 Credit Hours. 0 Lecture Hours. 15 Lab Hours.
Provides practical experience in a professional public relations setting with public relations practitioner supervision. May be taken only by public relations majors.
Prerequisite(s): PRCA 3100, PRCA 3330.

PRCA 4793 Public Relations Internship
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides practical experience in a professional public relations setting with public relations practitioner supervision. May be taken only by public relations majors.
Prerequisite(s): PRCA 3100, PRCA 3330.

PRCA 4794 Public Relations Internship
3 Credit Hours. 0 Lecture Hours. 15 Lab Hours.
Provides practical experience in a professional public relations setting with public relations practitioner supervision. May be taken only by public relations majors.
Prerequisite(s): PRCA 3100, PRCA 3330.

PRCA 4831 Directed Study in Public Relations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Offers students opportunities to design and conduct independent research and/or projects in specialized public relations areas. May be taken only once.
Prerequisite(s): PRCA 3100 and departmental approval required.

PSYC Psychology

PSYC 1101 Introduction to Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An overview of the fundamental subfields of Psychology, with an emphasis on applying the scientific method to study behavior and cognition in human and non-human animals.

PSYC 2010 Human Growth and Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of lifespan development with focus on physical, emotional, cognitive, and social development. Understandings of growth and development applied to classroom teaching and learning. Not for psychology majors.
Prerequisite(s): PSYC 1101.

PSYC 2099 Selected Topics
1-6 Credit Hours. 1-6 Lecture Hours. 0 Lab Hours.
Scheduled on an irregular basis to explore special areas in psychology not offered in the regular curriculum and will carry a subtitle.
Prerequisite(s): PSYC 1101.

PSYC 2101 Careers, Ethics and Professionalism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An overview of various careers in psychology. Students are introduced to the requirements of an assortment of positions, concepts related to the development of professional and personal competencies, and the ethics and values associated with the discipline as a whole.
Prerequisite(s): PSYC 1101.

PSYC 2231 Research and Analysis I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Students are introduced to basic statistics and research methods used in psychology, including central tendency, variance, descriptives, correlation, t-tests and statistical software.
Prerequisite(s): A minimum grade of "C" in all of the following: PSYC 1101 and MATH 1101 or MATH 1111 or MATH 1112 or MATH 1113 or MATH 1232 or MATH 1441.
PSYC 2300 Global Persp in Devlp Tech
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Exploration of physical, cognitive, and social development from a multicultural viewpoint. Emphasis on cross-cultural research applied to human development across the lifespan.
Prerequisite(s): ENGL 1101.

PSYC 3040 Fund Of Counsel And Psychother
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of personality theories and the behavior changing techniques arising from them. Emphasis on learning theory and environmental influences.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3050 Special Topics in Diversity
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed to examine how different cultural factors influence the scientific study of psychological processes and behavior, with an emphasis on identifying social challenges, applying psychological principles to promote social change, and recognizing potential for prejudice and discrimination in oneself and others.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3095 Drugs and Behavior
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An advanced exploration of the various factors involved in drug effects and abuse. Focus on laboratory methodology (with humans and non-humans) to examine drugs of abuse and some pharmacological treatments for neurological and psychiatric disorders.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3101 Abnormal Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Designed to provide an introduction to the concepts of "normal" and "abnormal" behavior, the traditional categories of psychological disorders, and the etiology and treatment of these disorders.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3102 Cognitive Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores the major theories of, and the methods for studying, mental processes. Major topics include perception, attention, memory, and decision making.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3103 Lifespan Developmental Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines psychological theories, research and application of psychology as these relate to a comprehensive overview of developmental processes from conception through older adulthood.
Prerequisite(s): A minimum grade of "C" in PSYC 1101 or SOCI 2130.

PSYC 3104 Principles of Learning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the basic principles and the scientific study of learning in human and nonhuman animals.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3105 Physiological Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the structure and function of the nervous system and its relationship to behavior, including coverage of the techniques and methods used to examine physiological processes.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3106 Social Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Studies the social determinants of human behavior and surveys current theories and findings in such major content areas as social cognition, attitudes, social influence, interpersonal attraction, prosocial behavior, aggression, prejudice, and group processes.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3141 Research and Analysis II
4 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
Students are introduced to intermediate statistics and research methods used in psychology, including experimental control, validity, descriptive and inferential statistics. Lab component will focus on data collection methods and statistical analyses using statistical software.
Prerequisite(s): A minimum grade of "C" in PSYC 1101 and PSYC 2231.

PSYC 3170 Human Resource Development Skills
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to theoretical and applied intervention principles of human resources development for public and private settings.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3230 Psychology of Adjustment
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Studies the factors that promote psychological adjustment with emphasis on self-help techniques.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3231 Psychology of Religion
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the literature of the psychology of religion, including the functions of religiousness, types of religious experiences, religious motivation, and the relationship between religion and mental health.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3232 Psychology of Gender
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines biological and environmental determinants of gender, as well as the role of gender in cognitive functioning, personality, physical and mental health, interpersonal relationships, and work life.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3233 Industrial/Organizational Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to psychological study of behavior in the workplace, including application of psychology to such areas as personnel testing, job performance and employee morale.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3235 Behavior Modification
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introductory survey of the application of learning principles and procedures used in the establishment, maintenance, and modification of complex human behavior in clinical situations, as well as the natural environment with particular attention given to ethical issues associated with the use of behavior change techniques.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3236 Psychology of Substance Abuse
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An intensive and critical analysis of the normative and deviant use of various substances with emphasis placed on substance use, misuse, and abuse within a framework integrating the psychological, social, and biological aspects of substance use throughout history, including stimulant, depressant, hallucinogenic, and psychotherapeutic drugs.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3237 Psychology of Human Sexuality
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on sexual motivation, attraction and love, sexual orientation, sexual techniques, sexual morals and politics, paraphilia, erotica, sexual dysfunctions and therapy, and the place of sexuality in the experience of being human, with secondary attention given to sexual anatomy and physiology, and contraception.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.
PSYC 3331 Child Developmental Psychology  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examines psychological theories, research and application of psychology as these relate to developmental processes from childhood through adolescence.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3332 Adolescent Developmental Psychology  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examines psychological theories, research and application of psychology as these relate to developmental processes in adolescence.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101 or SOCI 2130.

PSYC 3335 Personality Psychology  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Surveys research findings on selected aspects of personality, as well as determinants and development of personality, research methods, and personality assessments.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3337 Psychological Tests and Measurements  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Provides an overview of psychological assessment with emphasis on the construction and use of psychological tests.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3338 Leadership and Group Dynamics  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Exploration of the social psychological approach to leadership development and the role of the leader in influencing group dynamics. Emphasis on the application of research findings in social psychology to the development of leadership skills.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3339 Older Adult Developmental Psychology  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examines psychological theories, research and application of psychology as these relate to developmental processes in older adulthood.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101 or SOCI 2130.

PSYC 3400 Introduction to Learning  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Introduction to the variables and processes responsible for conditioning and learning in human and non-human organisms. Application of principles and real-world examples. In the B.S. degree it counts as an elective only.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3410 Introduction to Behavior Analysis  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An introduction and overview of basic concepts and principles of behavior analysis. Variables and processes responsible for conditioning and learning in human and non-human organisms will be discussed.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3420 Principles of Behavior Change  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Advanced examination of the concepts and principles of behavior analysis and how they can be applied to make socially meaningful changes in behavior. Specific procedures to increase desirable behavior and decrease unwanted behaviors are highlighted, with a focus on human behavior.  
Prerequisite(s): A minimum grade of "C" in PSYC 3410 or PSYC 3400.

PSYC 3425 Research Methods in Applied Behavior Analysis  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course provides an introduction to research methodologies in behavioral sciences. An overview of single case research designs will be given including measurement, graphical display, and evaluation of behavior change interventions.  
Prerequisite(s): A minimum grade of "D" PSYC 3410.

PSYC 3430 Behavior Assessment  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Overview of assessment and measurement techniques, with a focus on how to select, define, and measure behavior. A variety of assessment procedures (e.g., indirect and direct functional behavior assessments, preference assessments, etc.) will be covered to identify variables that establish and maintain undesirable behaviors. Single subject research designs will be discussed in relation to the evaluation of specific behavior assessment and change procedures.  
Prerequisite(s): A minimum grade of "C" in PSYC 3410.

PSYC 3440 Behavior Change Techniques  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Introduces students to advanced behavior change techniques and considerations. Topics will include procedures to establish, strategies to prevent and reduce undesirable behaviors, advanced behavior change systems, and how to select, plan for, and monitor behavior change procedures to increase or decrease target behaviors in a variety of settings.  
Prerequisite(s): A minimum grade of "C" in PSYC 3430.

PSYC 3500 Cognitive Neuroscience I  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examines the neural basis of cognition with an emphasis on the nervous system, attention, sensation and perception, and methodology, including principles and applications derived from basic research.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3510 Cognitive Neuroscience II  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A continuation of Cognitive Neuroscience I. This course examines the neural basis of cognition with an emphasis on learning and memory, language, and control processes, including principles and applications derived from basic research.

PSYC 3534 Psychology of Language  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An introduction focusing on the psychological mechanisms underlying the acquisition and use of language from cognitive and social psychological perspectives.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101 or LING 3533 or LING 3630.  
Cross Listing(s): LING 3534.

PSYC 3729 Service Learning in Psychology  
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.  
Student-arranged and instructor-approved service with a sponsoring organization providing a qualified supervisor. Instructor will establish criteria, including minimum hours of service, for successful completion of the course.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101 or instructor permission.

PSYC 3900 Research Experience  
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Students work with a faculty member on his/her research to gain experience on a research project.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101 and instructor permission.

PSYC 4060 Behavior Modification  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Research based methods of generating behavioral change, their empirical foundations and their applications in clinical, educational, and social settings.  
Prerequisite(s): A minimum grade of "C" in PSYC 1101.
PSYC 4090 Learning and Behavior
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A continuation of Learning and Behavior I. A more in-depth exploration of classical and operant conditioning with the requirement of conducting experiments with non-human animals to illustrate concepts and principles surveyed in Learning and Behavior I. Students collect and analyze data to write research reports. Laboratory component with rotating emphasis (depending on instructor): cognitive, behavioral, and biological.
Prerequisite(s): A minimum grade of "C" in PSYC 3400 or PSYC 3410.

PSYC 4091 Learning and Behavior Lab
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Conduct behavioral experiments with nonhuman animals. Collect and analyze data and write research reports.
Prerequisite(s): A minimum grade of "C" in PSYC 3400 or PSYC 3410.

PSYC 4099 Selected Topics
1-6 Credit Hours. 1-6 Lecture Hours. 0 Lab Hours.
Scheduled on an irregular basis to explore special areas in psychology not offered in the regular curriculum and will carry a subtitle.
Prerequisite(s): A minimum grade of "C" in PSYC 1101 or instructor permission.

PSYC 4102 Clinical Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Application of psychological theories to the understanding and treatment of behavioral problems and disorders, including the history of clinical psychology, educational and training requirements, and specialized areas of practice.
Prerequisite(s): A minimum grade of "C" in PSYC 3101.

PSYC 4110 Senior Seminar
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Reading and discussion group concentrating on selected contemporary issues in psychology, ethics, and careers. Open only to psychology majors.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 4131 Research and Analysis III
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Students are introduced to advanced statistics and research methods used in psychology, including power, statistical errors, and analysis of variance.
Prerequisite(s): A minimum grade of "C" in PSYC 3141.

PSYC 4132 Research and Analysis III Lab
1 Credit Hour. 0 Lecture Hours. 1 Lab Hour.
Develop and conduct a required, original research project. Students apply statistical procedures to analyze data and compose an empirical article that conforms to APA standards.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in PSYC 4131.

PSYC 4143 Senior Research
4 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
Students design, execute, write up, and present an original empirical research project.
Prerequisite(s): A minimum grade of "A" in PSYC 3141 or a minimum grade of "C" in PSYC 4131 or permission of instructor.

PSYC 4150 Health Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Surveys the application of psychological principles in the treatment and prevention of health related problems.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 4170 Women and Mental Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A review of current research and theory related to women's mental health, including psychological phenomena and disorders prevalent at higher rates among women and a discussion of biopsychosocial factors influencing gender differences in mental health and illness.
Prerequisite(s): A minimum grade of "C" in PSYC 3101.

PSYC 4431 Motivation and Emotion
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines theories and research in the areas of motivation and emotion, with emphasis on humans.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 4432 Sensation and Perception
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of methods, theories, and research in nonhuman animal behavior from the perspective of psychology, with attention to comparative and evolutionary theories of human behavior.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 4434 Animal Behavior
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of methods, theories, and research in nonhuman animal behavior from the perspective of psychology, with attention to comparative and evolutionary theories of human behavior.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 4435 Comparative Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the development of experimental and clinical psychology with emphasis on relating the development to current issues in psychology.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 4440 Evolutionary Psychology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of the role of evolutionary theory in psychological science. This course emphasizes how human behavior and cognition develop from an interaction between life experiences and inherited interests, tendencies, and abilities that have been shaped by natural and sexual selection.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 4502 Psychology and Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An advanced introduction to the empirical application of psychology to the legal system, including the application of research in social, cognitive, and developmental psychology. Major content areas include eyewitness memory and identifications, interrogations and confessions, jury decision making, and criminal sentencing.
Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 4530 History and Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the development of experimental and clinical psychology with emphasis on relating the development to current issues in psychology.
Prerequisite(s): A minimum grade of "C" in PSYC 3141.

PSYC 4630 Senior Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An in-depth exploration of the theory and research findings pertaining to a broad topic integrating various areas of psychology.
Prerequisite(s): A minimum grade of "C" in PSYC 3141 and at least 17 hours of psychology.

PSYC 4640 Neuroscience Capstone Course
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Directed reading course in the field of neuroscience that serves as a capstone course for the neuroscience track and minor.
Cross Listing(s):

PSYC 4740  Classroom Leadership Practicum
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on the scholarship of teaching psychology. Student provides academic support and mentoring. The course instructor will establish responsibilities and performance criteria, which may include, but are not limited to, mentoring, leading or co-leading class discussions, planning and delivering course presentations under supervision, and assisting with the development of class and out-of-class activities. Scholarly paper that integrates the literature on the teaching of psychology with actual experience is required.
Prerequisite(s): Completion of PSYC 1101, permission of instructor, and a grade of "A" or "B" in the course of which the student will serve as student leader.

PSYC 4790  Senior Internship
3-9 Credit Hours. 0-99 Lecture Hours. 0-99 Lab Hours.
Through both classroom and field work, students gain practical experience through volunteer field work in a setting related to psychology. Special permission is required for course registration.
Prerequisite(s): Instructor permission.

PSYC 4791  Practicum in Behavior Analysis
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Supervised experiences at a predetermined site promoting the application of behavior analysis to unique populations and settings. Consists of a weekly seminar to promote further application and understanding of behavioral concepts and principles.
Prerequisite(s): Permission of instructor.

PSYC 4832  Directed Empirical Review
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Consists of in-depth investigation of an area within psychology not normally covered in the curriculum.
Prerequisite(s): PSYC 1101 or permission of instructor.

PSYC 4841  Directed Research Project
4 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Under the supervision of a faculty member, the individual student completes all phases of a research project in an area of the student's interest.
Prerequisite(s): PSYC 4131 or permission of instructor.

PSYC 5060  Basic Behavior Principles and Behavior Change
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Basic principles of behavior analysis, the definition and characteristics of applied behavioral analysis, and change procedures, including positive and negative reinforcement, schedules of reinforcement, and antecedent intervention.
Prerequisite(s): A minimum grade of "C" in PSYC 3400.

PSYC 5061  Advanced Behavioral Assessment
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Measurement of behavior, displaying and interpreting behavioral data, experimental evaluation of interventions, selecting intervention outcomes and strategies, behavioral assessment, and ethical considerations. Includes selecting and defining target behaviors, examination of single-subject experimental designs, planning and evaluating behavior analysis research, functional behavior assessment, and a practicum experience.
Prerequisite(s): A minimum grade of "C" in PSYC 5060.
Cross Listing(s): PSYC 5061G.

PSYC 5062  Advanced Behavior Change Techniques
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Seminar course in which students design, implement, and behavior change programs to practice selection of intervention outcomes and strategies, behavioral measurement and assessment, use behavior change procedures and systems support. Includes a comprehensive survey of recent literature on applied behavior analysis in clinical, educational, vocational, and social settings and examination of ethical issues surrounding behavior change programs.
Prerequisite(s): A minimum grade of "C" in PSYC 5061.
Cross Listing(s): PSYC 5062G.

PSYG Psychology-GOML

PSYG 5610  Nature/Needs Talented/Gifted
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

PUBH Public Health

PUBH 2131  Introduction to Community and Public Health
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the student to the core functions of public health with an emphasis on community health programs and current trends of population health. Exposes the student to the role of community health practice in maximizing the health status of all populations. Course will include an overview of the organizational structure of federal, state, and local health-related agencies and examine the interrelationship of political, social, cultural and economic dimensions of community based population health activities.

PUBH 3130  Substance Use and Abuse
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores legal and illegal drug use in modern society. Issues related to the social, cultural, political and economic impact of drug use will be discussed. The emphasis in the course will be on prevention, treatment and effective education techniques for various practice settings and target populations.

PUBH 3131  Chronic Diseases: A Modern Epidemic
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Chronic conditions (e.g. diabetes, cardiovascular disease, renal disease, obesity) are currently responsible for sixty percent of the global burden of disease and the World Health Organization predicts this to rise to eighty percent by the year 2020. This is one of the greatest challenges facing health care systems throughout the world and it places long-term health and economic demands on health care systems as the population ages. This course will provide students with the opportunity to study specific issues related to chronic disease epidemiology and management and their links to practice.
Prerequisite(s): A minimum grade of "C" in KINS 2531 and KINS 2511.

PUBH 3132  Health Care Systems and Advocacy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to the background and development of administrative settings for health care delivery in the United States by exploring trends and issues based on current health and medical care programs and practices and analyzing the current organizational structure of medical care services in the United States. Topics to be examined include the medical care process, factors affecting supply and distribution of health professionals and health facilities, health care costs, and financing of care through health insurance and governmental programs. Students will also learn health advocacy skills to plan community based interventions.
Prerequisite(s): A minimum grade of "C" in PUBH 2131.
PUBH 3136  Principles of Environmental Health  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course examines health issues, scientific understanding of causes, and possible future approaches to control the major environmental health problems in industrialized and developing countries. Topics include how the body reacts to environmental pollutants; physical, chemical, and biological agents of environmental contamination; vectors for dissemination (air, water, soil); solid and hazardous waste; susceptible populations; biomarkers and risk analysis; the scientific basis for policy decisions; and emerging global environmental health problems.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.  

PUBH 3138  Multicultural and Social Determinants of Health  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course introduces the characteristics, causes, and effects of health disparities in the U.S. Health Care System. It also provides students with a foundation to develop the knowledge, attitudes, and skills to become culturally competent health educators. The course explores how health education and promotion is shaped by the cultural, social and economic contexts in which individuals function.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.  

PUBH 3231  Epidemiology and Biostatistics  
3 Credit Hours. 3 Lecture Hours.  0 Lab Hours.  
This course introduces the student to the principles and practice of epidemiology and biostatistics. Students will be exposed to the historical development of epidemiology, concepts of causality, definitions of health and disease, and sources of community health data. Current principles and practices in the cause, prevention and control of diseases in various community settings will be emphasized.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.  

PUBH 3232  Foundations of Health Education and Promotion Practice  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course provides junior and senior level majors with a colloquium to discuss current issues and topics in health promotion and education including philosophical foundations and principles underlying the field of health promotion and education practice, the Certified Health Education Specialist Competencies, organizations, scientific foundations, and employment potential.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.  

PUBH 3330  Modifying Health Behaviors  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course examines the major theoretical models used in public health practice for modifying health behavior. The efficacy of interventions in relation to current practices in public health, best practices and applications of theory-driven health behavior change are studied within the context of community-based settings. The focus of the class is to identify the critical factors necessary to create health behavior change in order to address the current Healthy People goals and objectives.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.  

PUBH 3331  Stress Theory and Management in Health Promotion  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course explores issues related to the etiology of stress and stressors with emphasis on environmental, organizational, interpersonal and individual patterns of stress in various health promotion settings. Competency in the active management of stress and mobilizing support in health settings will be evaluated.  

PUBH 3430  Sexuality Education  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course explores contemporary issues in human sexuality and prepares future health professionals to conduct sexuality education with diverse populations in a variety of settings (i.e., school, community, or worksite). Content is intended to help students increase their knowledge of sexuality, improve their ability to educate and promote sexual health and develop skills to increase their comfort level in discussing human sexuality.  

PUBH 3431  Introduction to Global Health  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course introduces the broad and growing field of global health. The course will discuss how health and illness is defined and explore the biological, cultural, social, and political forces that influence health at the global level. This is a survey course that will explore such topics as: comparative health systems, social determinants of health, health services and quality, healthcare policy, key stakeholders, and major global health initiatives. Throughout the course, an emphasis is placed on global health ethics and issues of social justice.  
Prerequisite(s): Sophomore standing.  

PUBH 3432  Introduction to Global Health Policy  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course introduces the range of cultural and policy approaches different countries take to health, healthcare access, and related population-level health interventions. As part of this course, students will compare different healthcare systems from selected countries.  
Prerequisite(s): Sophomore standing and a minimum grade of "C" in PUBH 3431.  

PUBH 3531  Consumer Health  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course prepares individuals to make intelligent decisions regarding the purchasing and use of health products and services that will have a direct effect on their health. Allows students to explore the relationships among consumerism, health and education. Students will investigate consumerism, marketing and advertising as foundational aspects of consumer health. In addition, students will survey a variety of health related products and services to determine the implications and consequences of their use.  
Prerequisite(s): A minimum grade of "C" in HLTH 1520.  

PUBH 3611  Health Honors Thesis Seminar I  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
This is a seminar course that prepares students to complete a senior honors thesis proposal.  

PUBH 3612  Hlth Honors Thesis Seminar II  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
This is a seminar course that prepares students to complete a senior honors thesis proposal.  

PUBH 4090  Selected Topics in Public Health  
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.  
Allows the student the opportunity to receive specialized and/or focused instruction in a public health topic not generally offered by the College.  

PUBH 4099  Selected Topics in Public Health  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
This course provides the student with in-depth study of selected topics in public health.  

PUBH 4132  Health Education and Promotion Program Planning I  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course introduces students to the theory and application of community-based program planning and evaluation. The first of a two-course sequence, the focus will be on the development of a health promotions program plan designed to apply course content to a real-life health issue. Concepts in community assessment, organization, and mobilization for the purpose of addressing identified public health concerns will serve as the foundation for the planning process.  
Prerequisite(s): A minimum grade of "C" in PUBH 2131.  
Corequisite(s): PUBH 4134.
**PUBH 4133 Health Education and Promotion Program Planning II**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to additional theory and application of community-based program planning and evaluation. The second of a two-course sequence, the focus will be on program implementation, evaluation, and reporting of the health promotion plan developed during the prior semester. Students will gain first-hand experience in conducting an evaluation of community health education program.

**Prerequisite(s):** A minimum grade of "C" in PUBH 4132.

**PUBH 4134 Research Methods and Evaluation in Health Education and Promotion**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces the student to research methods used in health education and promotion. Examines the rationale and procedure to evaluate health education/promotion programs. Focuses on several topics including: research design, methods of program evaluation, planning research and evaluation, the politics and ethics of evaluation, measurement, sampling logistics, data analysis and the development of a student project.

**Prerequisite(s):** A minimum grade of "C" in PUBH 2131.

**Corequisite(s):** PUBH 4132.

**PUBH 4195 International Studies Abroad in Public Health**

3-9 Credit Hours. 3-9 Lecture Hours. 0 Lab Hours.
This course offers students the opportunity to examine public health practices in a foreign country through travel abroad. Classroom instruction will be combined with on-site experiences to provide a realistic learning experience.

**PUBH 4230 Global Maternal and Child Health**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will explore promotion and education efforts designed to improve the health, well-being, and quality of life for women and children globally. A review of the historical and contemporary maternal and child health trends and issues in the United States and throughout the world will be examined. Identifying the determinants of health and illness including the biological, behavioral, socio-economic, demographic, cultural and health care systems influences on maternal and child health will be central to the course.

**Prerequisite(s):** Sophomore standing and a minimum grade of "C" in PUBH 2131 or PUBH 3431.

**PUBH 4231 Health Aspects of Aging**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the aging process from a health education perspective. Students will become acquainted with the process of and problems associated with aging in order to effectively manage this important public health issue. Knowledge and understanding of biological, psychological, and sociological aspects of aging as related to health and wellness will also be addressed.

**PUBH 4232 Global Environmental Health**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides students with an overview of global environmental health challenges in 21st century. Regional and global impact of environmental health hazards will be compared at the systems level. Current topics in global environmental health will target new challenges faced under the changing climate and emerging diseases. International environmental health policies will be compared with local practices.

**Prerequisite(s):** Sophomore standing and a minimum grade of "C" in PUBH 3431.

**PUBH 4233 Topics in Global Epidemiology**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will introduce students to the field of epidemiology as applied in a global context. Students will be introduced to basic concepts of epidemiology as well as an overview of topics across the discipline. Special emphasis will be made on health issues in the low and middle income countries, and case studies will be used as examples to illustrate concepts and topics of epidemiology.

**Prerequisite(s):** Sophomore standing and a minimum grade of "C" in PUBH 3431.

**PUBH 4234 International Development in Health (Poverty, Social Justice and Global Health)**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will describe key cultural, social, and economic issues and methods in global health, and thus provide essential background for other core courses. The course is interdisciplinary, emphasizing the fields of anthropology, sociology, public health, global health, and critical global health studies. This course explores aspects of health inequalities and demonstrates how the sources of health inequalities (including globalization, the impact of social, economic, and political systems, the local and global economy, transnational organizations, culture, race, class, gender, and sexuality) are rooted in injustices that create and sustain the conditions that lead to disparities in health status and health care both domestically and globally.

**Prerequisite(s):** Sophomore standing and a minimum grade of "C" in PUBH 3431.

**PUBH 4330 Promotional Strategies for Health Programs**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the application of social marketing and communication theory to the development of strategies to enhance health education and promotion programs.

**Prerequisite(s):** A minimum grade of "C" in PUBH 2131.

**PUBH 4331 Occupational Health in Public Health Practice**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an overview of the key issues and practices related to workplace hazards in public health practice. Students will be introduced to workplace hazards in public health practice, disease management, prevention, and health promotion in occupational settings that both workers and the public are impacted. The course covers primary methods of pollutant exposure assessment, basic understanding of environmental toxicology, health effects of chemical, biological, and physical agents in a variety of facilities from agricultural, to service industry, private sector to healthcare settings. Students will also be introduced to safety regulations in these settings.

**PUBH 4332 Environmental Health Practice**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to applied environmental health sciences. Emphasis is placed on hands-on, practical experiences provided by experts/practitioners in the field. This course is expected to prepare students for employment opportunities related to food safety and hygiene; emerging vector-borne diseases; industrial hygiene; and environmental health inspections including restaurants, hotels, and healthcare facilities, recreational environments, and waste management.

**PUBH 4333 Public Health Aspects of Vector-borne Diseases: Control and Prevention**

3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an overview of common vector-borne diseases, discusses public health preventive practices, and introduces students to the concepts of the planning, design, implementation and management of control of vector-borne infectious diseases.
PUBH 4334  Food Safety and Health  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course provides a comprehensive overview of food safety and its implications to public health. Specific areas of emphasis include the historical perspectives and current trends pertinent to food safety issues, etiology and assessment of food-borne illness, food contamination and related public health concerns, and strategies for the prevention of food-borne illness. This course will also provide students the opportunity to get certified in ServSafe, a nationally recognized food safety training program. Students will also be required to prepare food under the supervision of the instructor.

PUBH 4611  Hlth Honors Thesis Seminar III  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
In a seminar setting, students will continue writing and revising their thesis. This course provides the student with the opportunity to revise manuscript proposal based upon previous work in Honors Thesis Seminar I and II. Students will be guided through primary data collection and analysis. Students will also complete writing the first draft of the Research Manuscript adhering to current APA style manual.

PUBH 4612  Hlth Honors Thesis Seminar IV  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
Students will complete an Honors Research thesis and successfully defend their original research project to their Research Director and Research Committee. Revisions to the Honors thesis will be based upon feedback from the oral defense. To demonstrate proficiency in oral research presentation, students will present their original research at the Honor's Research Symposium and Phi Kappa Phi Research Symposium. Finally, students will be required to submit the final Research Manuscript for publication in a professional format.

PUBH 4798  Internship in Public Health  
12 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
This course provides the senior level Public Health majors with a practical experience in an appropriate practice setting. Students must complete all course work in the Public Health major prior to enrolling in this course.

PUBH 4890  Directed Individual Study  
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.  
Provides the student with an opportunity to investigate an area of interest under the direction of a faculty mentor.

PUBH 5520  Introduction to Public Health  
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.  
This course is designed to give students a foundation in the core functions of population-based public health (assessment, policy development and assurance). In addition, this course will examine the ten essential services of public health within these core functions. Defining effective public health practice and providing knowledge about the technical, social, and political parameters related to public health research and practice are goals for this class. Students will gain an understanding of public health as a broad area of work that applies the benefits of current biomedical, environmental, social, and behavioral knowledge in ways that maximize the health status of all populations.

Cross Listing(s): PUBH 5520G.

RADR Radiography

RADR 3001  Radiography I  
6 Credit Hours.  6 Lecture Hours.  2 Lab Hours.  
Procedures involving the chest, abdomen, bony thorax, and visceral organs requiring the use of contrast media, including spatial relationships, and pathology, equipment manipulation, and quality evaluation of radiographic examinations. Includes radiographic and fluoroscopy equipment overview, iodinate contrast media and interaction, and an introduction to trauma, surgical, and neonatal radiography.

Prerequisite(s): Open to majors in Radiologic Sciences, Radiography Track.

Corequisite(s): RADR 3001L and RDSC 3001.

RADR 3001L  Radiography I Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

Corequisite(s): RADR 3001.

RADR 3002  Radiography II  
6 Credit Hours.  6 Lecture Hours.  2 Lab Hours.  
Procedures involving extremities, shoulder girdle, and pelvic girdle, including spatial relationship, pathology, equipment manipulation, and quality evaluation of radiographic examinations. Includes study of radiographic equipment and the physics of specialized imaging modalities and an introduction to computed tomography.

Prerequisite(s): A minimum grade of "C" in RADR 3001.

Corequisite(s): RADR 3002L and RDSC 3002.

RADR 3002L  Radiography II Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

RADR 3003  Radiography III  
6 Credit Hours.  6 Lecture Hours.  3 Lab Hours.  
Procedures involving vertebral column, reproductive organs and facial bones including spatial relationships, pathology, equipment manipulation, and quality evaluation of radiographic examinations. Includes equipment testing, analysis of quality control data and quality assurance data, federal government guidelines and introduction to total quality management concepts and procedures.

Prerequisite(s): A minimum grade of "C" in RADR 3002.

Corequisite(s): RADR 3003L and RDSC 3002.

RADR 3003L  Radiography III Lab  
0 Credit Hours.  0 Lecture Hours.  3 Lab Hours.

Corequisite(s): RADR 3003.

RADR 3100  Introduction to Radiography Clinical Education I  
1 Credit Hour.  1 Lecture Hour.  0-18 Lab Hours.  
Overview of the clinical setting, administrative structures, legal/compliance requirements, and required documentation.

Prerequisite(s): A minimum grade of "C" in RADR 3001.

Corequisite(s): RADR 3002.

RADR 4101  Radiography Clinical Education I  
5 Credit Hours.  0 Lecture Hours.  0-18 Lab Hours.  
Supervised clinical practice in performing radiographic procedures.

Prerequisite(s): A minimum grade of "C" in RADR 3100 and DDTS 3001.

RADR 4102  Radiography Clinical Education II  
3 Credit Hours.  0 Lecture Hours.  0-18 Lab Hours.  
Supervised clinical practice in performing radiographic procedures.

Prerequisite(s): A minimum grade of "C" in RADR 4101.

RADR 4103  Radiography Clinical Education III  
6-9 Credit Hours.  0 Lecture Hours.  0-18 Lab Hours.  
Supervised clinical practice in performing radiographic procedures.

Prerequisite(s): A minimum grade of "C" in RADR 4102.

RADR 4200  Radiography Synthesis  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A discussion of general and advanced theoretical concepts of Radiography.

Prerequisite(s): A minimum grade of "C" in RADR 3003 and RADR 4102.

RADS Radiologic Sciences

RADS 2000  Terminology Of Imag & Rad Sci  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
Exploration of medical terms related to Radiologic Sciences. Also includes terminology and track specific content related to radiologic sciences.

Prerequisite(s): ENGL 1101.

RADS 2050L  Quality Assurance Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.
RADS 3000 Intro to Radiologic Sciences  
2 Credit Hours.  2 Lecture Hours.  1 Lab Hour.  
Professional organizations, specialties, accreditation, certification, licensure, professional development, ethics, legal issues, radiation protection methodology, and elementary imaging concepts. Open only to majors in radiologic technologies.-BS.

RADS 3000L Intro to Rad Science Lab  
0 Credit Hours.  0 Lecture Hours.  1 Lab Hour.

RADS 3050 Patient Care and Interaction  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Open only to majors in radiological sciences. Physical and psychological needs of the family and patient, patient transfer techniques, interaction with the terminally ill, vital signs, administration of injections and pharmaceuticals, I.V. and tube maintenance, urinary catheterization, acquisition and interpretation of EKG's, emergency medical situations, infectious disease processes and universal precautions.

Corequisite(s): RADS 3050L.

RADS 3050L Patient Care Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

Corequisite(s): RADS 3050.

RADS 3060L Prin of Image Form/Eval Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

RADS 3071 Imaging & Radiation Proc I  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Procedures involving the chest, abdomen, bony thorax, and visceral organs requiring the use of contrast media including spatial relationships, pathology, equipment manipulation and quality evaluation of radiographic examinations.

Corequisite(s): RADS 3071L.

RADS 3071L Procedures I Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

Corequisite(s): RADS 3071.

RADS 3072 Imaging & Rad Procedures II  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Procedures involving extremities, shoulder girdle, and pelvic girdle, including spatial relationships, pathology, equipment manipulation, and quality evaluation of radiographic examinations.

Prerequisite(s): A minimum grade of "C" in RADS 3071.

Corequisite(s): RADS 3072L.

RADS 3072L Radiographic Procedures II Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

Corequisite(s): RADS 3072.

RADS 3073 Imaging & Rad Procedures III  
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.  
Procedures involving vertebral column, and cranium, including spatial relationships, pathology, equipment manipulation and quality evaluation of radiographic examinations.

Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 3072.

Corequisite(s): RADS 3073L.

RADS 3073L Procedures III Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

Corequisite(s): RADS 3073.

RADS 3074 Imaging & Rad Procedures IV  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
Procedures involving reproductive organs and facial bones including spatial relationships, pathology, equipment manipulation, and quality evaluation of radiographic examinations.

Prerequisite(s): A minimum grade of "C" in RADS 3073.

Corequisite(s): RADS 3074L.

RADS 3074L Imaging & Rad Procedures IV Lab  
0 Credit Hours.  0 Lecture Hours.  1 Lab Hour.

Corequisite(s): RADS 3074.

RADS 3080 Professional Interactions  
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.  
A seminar focused on professional interactions in Radiologic Sciences.

Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 3000.

RADS 3090 Intro to Radiation Physics  
3 Credit Hours.  3 Lecture Hours.  1 Lab Hour.  
Mechanics, electromagnetic physics and nuclear physics as they relate to the medical setting.

Prerequisite(s): A minimum grade of "C" in all of the following: MATH 1111 or MATH 1113 or MATH 1161 and prior or concurrent enrollment in RADS 3000.

RADS 3090S Radiation Physics Seminar  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

RADS 3100 Medical Communication Skills  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
Open only to majors in radiological sciences. Content is designed to expand the knowledge base and skills necessary for the practitioner to communicate effectively. Open only to majors in radiological sciences.

RADS 3100L Medical Comm Skills Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

Corequisite(s): RADS 3100.

RADS 3112 Intro to Computed Tomography  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.  
An overview of Computed Tomography technology, computer reconstructions algorithms, and clinical application.

RADS 3150 Radiobiology & Rad Protection  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Biological, chemical, and physical effects of radiation. Emphasis on radiation measurement and exposure reduction to minimize somatic and genetic effects. Performance of radiation surveys and radiobiologic research.

Prerequisite(s): A minimum grade of "C" in RADS 3000.

Corequisite(s): RADS 3150L.

RADS 3150L Radiobiology & Protection Lab  
1 Credit Hour.  1 Lecture Hour.  0 Lab Hours.

RADS 3161 Radiography Clinical Ed I  
3 Credit Hours.  0 Lecture Hours.  20 Lab Hours.  
Supervised clinical practice in performing radiographic procedures.

Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 3050 and RADS 3071.

RADS 3162 Radiography Clinical Ed II  
3 Credit Hours.  0 Lecture Hours.  20 Lab Hours.  
Supervised clinical practice in performing radiographic procedures.

Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 3072 and RADS 3161.

RADS 3190 Prin of Radiation Therapy  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
An introduction to the history and practice of radiation therapy with an emphasis on patient care, radiation protection, treatment preparation and treatment delivery.

Corequisite(s): RADS 3000.

RADS 3195 Radiation Therapy Procedures  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Introduction to principles of patient and treatment with emphasis upon radiation therapy equipment operation and utilization.

Corequisite(s): RADS 3000 and RADS 3195L.

RADS 3195L Rad Therapy Procedures Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

Corequisite(s): RADS 3195.
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Prerequisites and Corequisites:

- **RADS 3200**: A survey of human pathology as demonstrated by radiologic imaging. Includes ultrasound, CT, MRI, nuclear medicine and radiographic images of cancer, vascular diseases, trauma anomalies and other disease processes. Prerequisite(s): BIOL 2082 and a minimum grade of "C" in RADS 3000.

- **RADS 3301**: A supervised clinical experience in the application and delivery of radiation therapy. Prerequisite(s): A minimum grade of "C" in RADS 3195.

- **RADS 3302**: A supervised clinical experience in the application and delivery of radiation therapy. Prerequisite(s): A minimum grade of "C" in RADS 3195.

- **RADS 3450**: This course introduces leadership concepts, focusing on the contemporary theories of leadership. Instructional areas include servant leadership, moral roots of responsible leadership, and effectiveness. A course component will include a leadership service learning practicum. Prerequisite(s): A minimum grade of "C" in RADS 3301.

- **RADS 3451**: A lecture course that focuses on biotechnology and health care ethical issues. Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 3450.

- **RADS 3455**: An introductory course that focuses on the application and delivery of radiation therapy. Prerequisite(s): A minimum grade of "C" in ENGL 1102.

- **RADS 3499**: Introduction to the concepts, terminology and practices related to nuclear medicine. Corequisite(s): RADS 3501.

- **RADS 3501**: Introduction to the theory and principles of nuclear medicine. Basic principles involved in imaging and diagnosis. Prerequisite(s): A minimum grade of "C" in RADS 3501.

- **RADS 3502**: A continuation of the basic principles involved in imaging and diagnosis. Topics include non-imaging in vivo and in-vitro procedures and radionuclide therapy. Prerequisite(s): A minimum grade of "C" in RADS 3501.

- **RADS 3503**: A continuation of the basic principles involved in imaging and diagnosis with an introduction to advanced theory in nuclear medicine. Prerequisite(s): A minimum grade of "C" in RADS 3502 and RADS 3520.

- **RADS 3505L**: A minimum grade of "C" in RADS 3501.

- **RADS 3510**: Principles of radiation detection equipment and instrumentation employed in nuclear medicine procedures. Topics include detection systems, QC/ QA, collimation, tomography, and computer applications. Prerequisite(s): A minimum grade of "C" in RADS 3501.

- **RADS 3520**: Radionuclide production, mechanisms of radionuclide localization, preparation and use of radiopharmaceuticals, quality control of radiopharmaceuticals, and governmental regulations. Prerequisite(s): A minimum grade of "C" in and prior or concurrent enrollment RADS 3501.

- **RADS 3532**: Supervised clinical practice in performing nuclear medicine procedures. Prerequisite(s): A minimum grade of "C" in RADS 3531 and RADS 3503 and RADS 3520.

- **RADS 3600**: Introduction to Sonography. Prerequisite(s): A minimum grade of "C" in RADS 3531 and RADS 3503 and RADS 3520.

- **RADS 3601**: Theoretical sonographic concepts of abdominal, gynecological, and obstetrical procedures. Prerequisite(s): A minimum grade of "C" in RADS 3531 and RADS 3503 and RADS 3520.

- **RADS 3602**: Continuation of sonographic Theory I. Includes invasive procedures and advanced scanning techniques. Prerequisite(s): A minimum grade of "C" in RADS 3601.

- **RADS 3603**: Continuation of Sonographic Theory II. Prerequisite(s): A minimum grade of "C" in RADS 3601.

- **RADS 3604**: Continuation of Sonographic Theory III to include advanced topics. Prerequisite(s): A minimum grade of "C" in RADS 3603.

- **RADS 3604L**: Continuation of Sonographic Theory IV to include advanced topics. Prerequisite(s): A minimum grade of "C" in RADS 3603.
RADS 3631 Sonography Clinical Ed I
2 Credit Hours. 0 Lecture Hours. 18 Lab Hours.
Supervised clinical practice in performing Sonographic procedures.
Prerequisite(s): A minimum grade of "C" in RADS 3601 and RADS 3050 and RADS 3602.

RADS 3632 Sonography Clinical Ed II
3 Credit Hours. 0 Lecture Hours. 18 Lab Hours.
Supervised clinical practice in performing Sonographic procedures.
Prerequisite(s): A minimum grade of "C" in RADS 3631 and RADS 3602.

RADS 3651 Sonographic Physics I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An Introduction to ultrasound instrumentation, propagation principles and interactions.
Prerequisite(s): A minimum grade of "C" in PHYS 1111L or PHSC 1211 and RADS 3651L or PHYS 1111K.
Corequisite(s): RADS 3651L.

RADS 3651L Sonographic Physics I Lab
0 Credit Hours. 0 Lecture Hours. 1 Lab Hour.
Corequisite(s): RADS 3651.

RADS 3652 Sonographic Physics II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continuation of RADS 3651 to include Doppler Physics.
Prerequisite(s): A minimum grade of "C" in RADS 3651.
Corequisite(s): RADS 3652L.

RADS 3652L Sonographic Physics II Lab
0 Credit Hours. 0 Lecture Hours. 1 Lab Hour.
Corequisite(s): RADS 3652.

RADS 3750 Advanced Patient Care
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Indications and contraindications for diagnostic and therapeutic cardiovascular procedures and an analysis of treatment modalities.
Prerequisite(s): A minimum grade of "C" in RADS 3050 and RADS 3761.

RADS 3750L Advanced Patient Care Lab
0 Credit Hours. 0 Lecture Hours. 1 Lab Hour.
Corequisite(s): RADS 3750.

RADS 3761 Cardiovascular Clinical Edu
2 Credit Hours. 0 Lecture Hours. 20 Lab Hours.
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 3771 and prior or concurrent enrollment in RADS 3772 and RADS 3162 and RADS 3775.

RADS 3762 Cardio Clinical Education II
3 Credit Hours. 0 Lecture Hours. 20 Lab Hours.
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 3761 and prior or concurrent enrollment in RADS 4751 and RADS 4752.

RADS 3771 Intro Cardiovasc Interv Sci
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
An introduction to the concepts of and techniques involved in the diagnosis of cardiac and vascular disease.
Corequisite(s): RADS 3771L.

RADS 3771L Intro Cardiovasc Interv Lab
0 Credit Hours. 0 Lecture Hours. 1 Lab Hour.
Corequisite(s): RADS 3771.

RADS 3772 Cardiovascular Imaging & Equip
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
The operation and clinical application of equipment, devices and technology utilized in the diagnosis of cardiac and vascular disease.
Prerequisite(s): A minimum grade of "C" in RADS 3771.
Corequisite(s): RADS 3772L.

RADS 3772L Cardiovasc Imaging & Equip Lab
0 Credit Hours. 0 Lecture Hours. 1 Lab Hour.
Corequisite(s): RADS 3772.

RADS 3775 Adv Patient Care & Monitoring
4 Credit Hours. 4 Lecture Hours. 0 Lab Hours.
Indications for diagnostic and therapeutic cardiovascular procedures and an analysis of treatment modalities. Caring for the cardiovascular procedural patient, pre, intra, and post procedure are emphasized.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 3772 and RADS 3050 and RADS 3090.
Corequisite(s): RADS 3775L.

RADS 3775L Adv Patient Care & Mon Lab
0 Credit Hours. 0 Lecture Hours. 1 Lab Hour.
Corequisite(s): RADS 3775.

RADS 3900 Special Topics in Rad Science
1-6 Credit Hours. 1-6 Lecture Hours. 0 Lab Hours.
Supervised independent study.

RADS 4050 Quality Mgmt in Radiography
2 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Equipment testing, analysis of quality control data and quality assurance data, federal government guidelines and introduction to Total Quality Management (TQM) concepts and procedures.
Prerequisite(s): A minimum grade of "C" in RADS 3090.
Corequisite(s): RADS 4050L.

RADS 4050L Qual Mgmt in Radiography Lab
0 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Corequisite(s): RADS 4050.

RADS 4090 Radiographic Physics
3 Credit Hours. 3 Lecture Hours. 1 Lab Hour.
Interaction of radiation with matter, formation of photographic and electronic images, and the physics of nuclear magnetic image and computed tomography.
Prerequisite(s): A minimum grade of "C" in RADS 3090.

RADS 4111 Adv Imaging in Mri
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Instrumentation, operation, and clinical uses of Magnetic Resonance Imaging.
Prerequisite(s): A minimum grade of "C" in RADS 3090.

RADS 4112 Advanced Imaging in Ct
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Instrumentation, operation, and clinical uses of computerized tomography.
Prerequisite(s): A minimum grade of "C" in RADS 3090 and RADS 3112.

RADS 4113 Advanced Imaging in Mammo
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Instrumentation, operation, and clinical uses of mammography.
Prerequisite(s): A minimum grade of "C" in RADS 4090.

RADS 4114 Advanced Imaging in Cvt
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Instrumentation, operation, and clinical uses of cardiovascular interventional radiology.
Prerequisite(s): A minimum grade of "C" in RADS 4090 and RADS 3652.

RADS 4163 Radiography Clinical Ed III
1-3 Credit Hours. 0 Lecture Hours. 1-3 Lab Hours.
Supervised clinical practice in performing radiographic procedures.
Prerequisite(s): A minimum grade of "C" in RADS 3162.

RADS 4164 Radiography Clinical Ed IV
5 Credit Hours. 0 Lecture Hours. 24 Lab Hours.
Supervised clinical practice in performing radiographic procedures.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 4163.

RADS 4164S Radiography Synthesis
1 Credit Hour. 0 Lecture Hours. 3 Lab Hours.
Discussion of theoretical concepts of radiography as they relate to practice.
RADS 4165S  Clin Ed V--Radiography Seminar
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.

RADS 4171  Computed Tomography Clinic Ed
3 Credit Hours.  0 Lecture Hours.  20 Lab Hours.
Supervised clinical practice in performing magnetic resonance imaging procedures.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 4111.

RADS 4172  Computed Tomography Clinic Ed
3 Credit Hours.  0 Lecture Hours.  20 Lab Hours.
Supervised clinical practice in performing computed tomography procedures.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 4112.

RADS 4173  Mammmography Clinical Ed
3 Credit Hours.  0 Lecture Hours.  20 Lab Hours.
Supervised clinical practice in performing mammography procedures.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 4113.

RADS 4174  Cardio Intervention Clinic Ed
3 Credit Hours.  0 Lecture Hours.  20 Lab Hours.
Supervised clinical practice in performing cardiovascular interventional procedures.
Prerequisite(s): A minimum grade of "C" in RADS 4114.

RADS 4175  Advanced Clinical Education
1-6 Credit Hours.  0 Lecture Hours.  3-15 Lab Hours.
A clinical experience in the advanced area of magnetic resonance imaging or computerized tomography or mammography or cardiovascular interventional radiology. Offered on demand and may be repeated for credit.

RADS 4176  Specialized Clinical Education
1-6 Credit Hours.  0 Lecture Hours.  1-15 Lab Hours.
Supervised clinical practice in performing specialized imaging procedures.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 4175.

RADS 4201  Radiation Oncology I
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.
An introduction to carcinogenesis and treatment of neoplasia Emphasis is placed upon basic neoplastic processes.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 3190.

RADS 4202  Radiation Oncology II
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.
A study of neoplastic disease and treatment interventions related to the head and neck, lymphoreticular, skeletal, integumentary, endocrine, and central nervous systems.
Prerequisite(s): A minimum grade of "C" in RADS 4201.

RADS 4240  Radiation Therapy Physics
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.
A detailed analysis of radiation production, nuclear transformations, and interactions with matter. Discussions regarding radiation detectors, instrumentation, and radiation safety are included.
Prerequisite(s): A minimum grade of "C" in RADS 3090.

RADS 4260  Treatment Planning
4 Credit Hours.  4 Lecture Hours.  0 Lab Hours.
A study of principles used to plan and deliver radiation treatments. Discussions regarding dose absorption, dose and isodose distributions with the corresponding biological effects, contouring, beam filtration, planning protocols brachytherapy, and emerging technologies are included.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 4240.
Corequisite(s): RADS 4260L.

RADS 4260L  Treatment Planning Lab
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.
Corequisite(s): RADS 4260.

RADS 4280  Quality Mgmt Radiation Therapy
1 Credit Hour.  0 Lecture Hours.  16 Lab Hours.
An examination of quality management principles used to ensure safe and efficient treatment delivery. Regulatory agencies, equipment safety, testing procedures, records, billing management are discussed.
Prerequisite(s): A minimum grade of "C" in RADS 4240.

RADS 4303  Radiation Therap Clinic Ed III
3 Credit Hours.  0 Lecture Hours.  16 Lab Hours.
Supervised clinical experience in the application and delivery of radiation therapy.
Prerequisite(s): A minimum grade of "C" in RADS 3302.

RADS 4304  Radiation Therapy Clinic Ed IV
3 Credit Hours.  0 Lecture Hours.  16 Lab Hours.
Supervised clinical experience in the application and delivery of radiation therapy.
Prerequisite(s): A minimum grade of "C" in RADS 4303.

RADS 4305  Radiation Therapy Clinical Ed
4 Credit Hours.  0 Lecture Hours.  16 Lab Hours.
Capstone clinical education course in the application and delivery of radiation therapy.
Prerequisite(s): A minimum grade of "C" in RADS 4304.

RADS 4307  Radiation Therapy Synthesis
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.
Discussion of theoretical concepts of radiation therapy as they relate to practice.
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 4280 and RADS 4260 and prior or concurrent enrollment in RADS 4303 and RADS 4305.

RADS 4308  Radiation Therapy Seminar
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.
Discussion of theoretical concepts of radiation therapy.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 4305 and RADS 4307.

RADS 4410  Cross Sectional Anatomy
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Open only to majors in the radiologic sciences. Three dimensional anatomical relationships of cross sectional anatomy slices and images produced by imaging modalities in the radiologic sciences. Emphasis on computed tomography and magnetic resonance imaging.

RADS 4415  Radiography Synthesis
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.
Discussion of theoretical concepts of radiography as they relate to practice.
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 3073 and RADS 3150 and RADS 4090 and prior or concurrent enrollment in RADS 4163.

RADS 4420  Senior Radiography Seminar
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.
Discussion of theoretical concepts of radiography
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 4415 and RADS 4050 and prior or concurrent enrollment in RADS 4164.

RADS 4430  Professional Practice Seminar
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Open only to majors in radiologic sciences. Examination of major trends and issues affecting present day radiation and imaging sciences.
RADS 4440H  Thesis in Radiologic Sciences  
3 Credit Hours.  0 Lecture Hours.  3 Lab Hours.  
A research project under the supervision of a radiologic science faculty committee. The project must include a thesis and oral presentation. This course will substitute for RADS4430. Open only to majors in radiologic sciences.

RADS 4450  Radiologic Sciences Management  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Management, leadership, health care financing and total quality concepts specific to radiologic sciences.

RADS 4451  Management Practicum  
3 Credit Hours.  1-15 Lecture Hours.  1-15 Lab Hours.  
Practical off-campus experience in the area of health care management.  
Prerequisite(s): A minimum grade of "C" in RADS 4450.

RADS 4512  Ct in Practice of Nuclear Med  
4 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Instrumentation, operation, and clinical uses of computed tomography as it relates to the practice of nuclear medicine.  
Prerequisite(s): A minimum grade of "C" in RADS 3112.  
Corequisite(s): RADS 4512L and RADS 4533.

RADS 4512L  Ct in Pract of Nuclear Med Lab  
0 Credit Hours.  0 Lecture Hours.  15 Lab Hours.  
Corequisite(s): RADS 4512.

RADS 4533  Nuclear Med Clinical Edu III  
4 Credit Hours.  3 Lecture Hours.  18 Lab Hours.  
Supervised clinical practice in performing nuclear medicine procedures.  
Prerequisite(s): A minimum grade of "C" in RADS 3532.

RADS 4534  Nuclear Med Clinical Edu IV  
2 Credit Hours.  0 Lecture Hours.  8 Lab Hours.  
Supervised clinical practice in performing nuclear medicine procedures.  
Prerequisite(s): A minimum grade of "C" in RADS 4533.  
Corequisite(s): RADS 4535.

RADS 4535  Nuclear Med Clinical Edu V  
2 Credit Hours.  0 Lecture Hours.  8 Lab Hours.  
Supervised clinical practice in performing nuclear medicine procedures.  
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 4535.

RADS 4540  Nuclear Medicine Physics  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Topics include decay modes, half-life, radiation interactions, radiation measurements and instrumentation.  
Prerequisite(s): A minimum grade of "C" in RADS 3090 and RADS 3503 and RADS 3499.  
Corequisite(s): RADS 4540L.

RADS 4540L  Nuclear Medicine Physics Lab  
0 Credit Hours.  0 Lecture Hours.  1 Lab Hour.  
Decay models, half-life, radiation interactions, and radiation measurement as applied to nuclear medicine imaging.  
Prerequisite(s): A minimum grade of "C" in RADS 3090.  
Corequisite(s): RADS 4540.

RADS 4561  Nuclear Medicine Synthesis  
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.  
A discussion of theoretical concepts of nuclear medicine.  
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 3503 and RADS 3150 and RADS 4540 and prior or concurrent enrollment in RADS 4535.

RADS 4562  Nuclear Medicine Seminar  
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.  
A discussion of advanced theoretical concepts of nuclear medicine.  
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 4570 and prior or concurrent enrollment in RADS 4535 and RADS 4561.

RADS 4570  Introduction to Pet  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The principles of positron emission tomography.  
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 4540 and prior or concurrent enrollment in RADS 3532.

RADS 4570L  Introduction to Pet Lab  
0 Credit Hours.  0 Lecture Hours.  1 Lab Hour.

RADS 4571  Nuclear Medicine Practicum I  
1 Credit Hour.  0 Lecture Hours.  1-12 Lab Hours.  
Clinical practice in routine nuclear medicine procedures.  
Prerequisite(s): A minimum grade of "C" in RADS 3520.  
Corequisite(s): RADS 3503 and RADS 4540.

RADS 4572  Nuclear Medicine Practicum II  
1 Credit Hour.  0 Lecture Hours.  1-12 Lab Hours.  
Continuation of practice in routine nuclear medicine procedures.  
Prerequisite(s): A minimum grade of "C" in RADS 4571.

RADS 4573  Nuclear Medicine Inquiry  
4 Credit Hours.  3 Lecture Hours.  20 Lab Hours.  
Explores the role of positron emission tomography and other advances in nuclear medicine. Students are required to perform a practicum in these areas.  
Prerequisite(s): A minimum grade of "C" in RADS 4572.

RADS 4574  Nuclear Medicine Inquiry  
4 Credit Hours.  3 Lecture Hours.  20 Lab Hours.  
Synthesis of information and skills in nuclear medicine technology. This is a required practicum for students in nuclear medicine.  
Prerequisite(s): A minimum grade of "C" in RADS 4573.

RADS 4633  Sonography Clinical Ed III  
3 Credit Hours.  0 Lecture Hours.  19 Lab Hours.  
Supervised clinical practice in performing sonographic procedures.  
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RADS 3632 and RADS 3603.

RADS 4634  Sonography Clinical Ed IV  
3 Credit Hours.  0 Lecture Hours.  16 Lab Hours.  
Supervised clinical practice in performing Sonographic procedures.  
Prerequisite(s): A minimum grade of "C" in RADS 4633.

RADS 4635  Sonography Clinical Ed V  
3 Credit Hours.  0 Lecture Hours.  12 Lab Hours.  
Supervised clinical practice in performing Sonographic procedures.  
Prerequisite(s): A minimum grade of "C" in RADS 4634.

RADS 4661  Sonography Synthesis  
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.  
A discussion of theoretical concepts of Sonography.  
Prerequisite(s): A minimum grade of "C" in RADS 3603 and RADS 3652 and RADS 4663.  
Corequisite(s): RADS 4634.

RADS 4662  Sonography Seminar  
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.  
A discussion of advanced theoretical concepts of Sonography.  
Prerequisite(s): A minimum grade of "C" in RADS 4661 and RADS 4634.  
Corequisite(s): RADS 4635.

RADS 4671  Intro to Vascular Sonography  
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.  
Introduction to the principles of Vascular Sonography.  
Prerequisite(s): A minimum grade of "C" in RADS 4634.  
Corequisite(s): RADS 4635.

RADS 4671L  Intro to Vas Sonography Lab  
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours. 
RADS 4750   Pt. Assessment and Monitoring
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.
Prerequisite(s): A minimum grade of "C" in RADS 3750 and RADS 3772.
Corequisite(s): RADS 4750L.

RADS 4750L   Pt. Assessment and Monitoring
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.
Prerequisite(s): A minimum grade of "C" in RADS 3750 and RADS 3772.
Corequisite(s): RADS 4750.

RADS 4751   Emergency Care
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.
Common cardiovascular emergencies and the optimal use of adjunctive pharmacology in addition to other therapies.
Prerequisite(s): RADS 4751 and RADS 4763.

RADS 4751L   Emergency Care Lab
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.
Common cardiovascular emergencies and the optimal use of adjunctive pharmacology in addition to other therapies.

RADS 4752   Physio. Monitoring and Record.
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
An overview of electrical and mechanical cardiac function.
Prerequisite(s): RADS 4751 and RADS 4763.

RADS 4763   Cardiovasc Clinical Ed. III
3 Credit Hours.  0 Lecture Hours.  24 Lab Hours.
Supervised clinical experience in cardiovascular/ interventional procedures.
Prerequisite(s): RADS 3750 and RADS 3762.

RADS 4764   Cardiovasc. Clinical Ed. IV
4 Credit Hours.  0 Lecture Hours.  20 Lab Hours.
Supervised clinical experience in cardiovascular/ interventional procedures.
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 4751 and prior or concurrent enrollment in RADS 4763.

RADS 4765   Cardiovasc Clinical Ed V
4 Credit Hours.  0 Lecture Hours.  20 Lab Hours.
This course provides an opportunity for competency mastery of cardiovascular procedures in the clinical environment.
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 4764 and prior or concurrent enrollment in RADS 4752.

RADS 4771   Cardiovascular Synthesis
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.
Discussion of theoretical concepts in cardiovascular interventional technology as they relate to practice.
Prerequisite(s): A minimum grade of "C" in all of the following: RADS 4764 and prior or concurrent enrollment in RADS 4765.

RADS 4772   Cardiovascular Seminar
1 Credit Hour.  0 Lecture Hours.  3 Lab Hours.
Discussion of advanced theoretical concepts in cardiovascular interventional technology as they relate to practice. A minimum grade of "C" in all of the following: RADS 4771 and prior or concurrent enrollment in RADS 4765.

RADS 4773   Flouro Proce in Pract of Cvis
6 Credit Hours.  1 Lecture Hour.  0 Lab Hours.
Synthesis of knowledge and skills utilizing fluoroscopy in the practice of cardiovascular imaging. A minimum grade of "C" in RADS 3090 and RADS 3762.

RADS 4773L   Flouro Proc in Prac of Cvis Lab
0 Credit Hours.  0 Lecture Hours.  16 Lab Hours.
Corequisite(s): RADS 4773.

RADS 4800   Rsrch Method in Rad Sci
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.
Application of quantitative and qualitative approaches to research issues specific to the Radiologic Sciences. Topics covered include development of research questions, study design, methodology, data collection and analysis.
Prerequisite(s): A minimum grade of "C" in HLPR 2000 and completion of MATH 2200 or MATH 1401.

RDSC Radiologic Science

RDSC 3001   Radiologic Sciences I
5 Credit Hours.  5 Lecture Hours.  0 Lab Hours.
An introduction to professional organization, specialties, accreditation, certification, licensure, professional development, ethics, and legal issues. Topics include electromagnetics, nuclear physics, x-ray production, introduction to digital imaging processes, fluoroscopy, sonographic or radiologic physical principles and instrumentation, and nuclear decay as they relate to the medical setting.

RDSC 3002   Radiologic Sciences II
6 Credit Hours.  6 Lecture Hours.  0 Lab Hours.
Biological, chemical, and physical effects of radiation and radiation measurement and safety. A survey of human pathology including cancer, vascular diseases, trauma, anomalies and other disease processes as demonstrated by radiologic imaging. Includes 2D and 3D cross sectional images of ultrasound, CT, MRI, Nuclear Medicine and Radiography.
Prerequisite(s): A minimum grade of "C" in RDSC 3001.

RDSC 3060   Principles of Image Formation and Evaluation
2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.
Open only to majors in radiologic sciences. Factors controlling radiographic image production and image quality. Topics include geometric and photographic properties, image quality evaluation, and image display.

RDSC 3060L   Prin of Image Form & Eval Lab
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

RDSC 4100   Advanced Imaging Modalities
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Instrumentation, operation, and clinical uses of MRI or CT or Sonographic or Radiologic physical principles and instrumentation, and nuclear decay as they relate to the medical setting.

RDSC 4100L   Adv Imaging Mod & Eval Lab
0 Credit Hours.  0 Lecture Hours.  2 Lab Hours.

READ Reading

READ 0099A   Academic Reading
4 Credit Hours.  4 Lecture Hours.  0 Lab Hours.

READ 0099B   Academic Reading
4 Credit Hours.  4 Lecture Hours.  0 Lab Hours.

READ 0099C   Academic Reading
4 Credit Hours.  4 Lecture Hours.  0 Lab Hours.

READ 2230   Cognition and Language
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course examines cognition and language and the relationships between the two systems. The course presents language as a special form of thinking and communication and as a complex, living, changing system. The course explores relevant theories of cognitive and language development and traces development from infancy to adolescence. The course emphasizes practices that promote specific language and cognitive competencies and explores their utilization in various contents and with learners representing language diversity.
READ 3231 Early Language and Literacy Development
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the philosophical foundations and language and literacy of the environments that support learning. Candidates explore the diverse experiences of young children and the impact of those experiences on literacy learning. The course spans birth through age eight.

READ 3330 Content Literacy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Addresses the development of reading and writing skills needed by students in grades 4-12. Instructional strategies focus on application of literacy skills in content subjects.

READ 4090 Selected Topics in Reading
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Designed to provide specialized course work to meet the needs of students. Attention will be directed toward a wide range of topics as they relate to reading education. Repeatable up to 6 credit hours.

READ 4131 The Teaching of Reading
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides an overview of the basic program of reading instruction for the developmentally average child with special emphasis on adjustments and adaptations for students with special needs. Consider the stages of a child's reading development, as well as teaching and assessment techniques. Includes activities that foster the development of reading strategies, integration of the use of technology in literacy instruction, familiarity with current reading resources, and familiarity with approaches and models of instruction.

Prerequisite(s): A minimum grade of "C" in READ 2230.

READ 4232 New Literacies and Technology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an overview of the intersections between new technology-based literacies and school-based literacies. We will also examine how recent innovations in technology education have affected our definitions of literacy, both in- and outside of school, and discuss both the positive and negative effects of new literacies in educational contexts. Students will be expected to actively participate in this learning community and create technology-based lessons that can use as professional literacy educators.

Prerequisite(s): A minimum grade of "C" in READ 2230.

READ 4233 Literacy Assessment and Instruction
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines literacy difficulties encountered by children in the classroom. It emphasizes a diagnostic approach to instruction which utilizes multiple indicators of literacy performance. Using literacy data from individual cases, students practice problem solving strategies as they relate to classroom situations. Students assess literacy performance, analyze data, plan instruction, and report findings.

Prerequisite(s): ELEM 3233 or READ 4131.

RECR Recreation

RECR 1530 Introduction to Recreation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Historical examination of the leisure services profession; sociological, economic, psychological, political, and technological considerations for the delivery of leisure and recreation services in contemporary society.

RECR 2131 Introduction to Recreational Therapy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will expose students to the historical and philosophical underpinnings of the recreational therapy profession. Additionally, significant class time will be spent exploring a variety of counseling techniques, leadership styles, and recreational therapy settings.

RECR 2136 Disability, Health, and Rehabilitation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will provide students with the opportunity to explore multiple disability types and their respective settings, societal and personal attitudes regarding disabilities, inclusion, and adaptive and assistive technologies.

RECR 2530 Leadership and Programming in Leisure Services
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides a basic understanding of the practice and theory of recreation program development and leadership in various service settings. Covers the process of recreation programming, principles of leadership, meeting the needs of a diversity of participants, and the implementation of programs and activities.

RECR 3135 Program Planning in Recreational Therapy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will address issues related to the development of comprehensive and individual program plans. Students will have the opportunity to develop specific program plans, complete activity analyses, and engage with clients in the recreational therapy facility of their choosing.

RECR 3137 Facilitating Experiences in Recreational Therapy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will address topics including experiential learning and debriefing, with specific focus placed on how to debrief therapeutic activities to address client improvement. Significant class time will be spent engaging in activities designed to help students master class concepts. Additionally, class time will be spent at the Georgia Southern Challenge Course.

RECR 3215 Youth Sports Programming & Administration
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores historical and contemporary issues associated with the administration of youth sports programs. Students will gain an understanding of planning and administrative strategies designed to deliver youth sport activities within public, private, and non-profit recreation settings.

RECR 3230 Adventure Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to recreational, educational, developmental, and therapeutic adventure programming. Emphasis is placed on theoretical foundations, outdoor skill development, trip planning & logistics, leadership, risk management, and effective experiential teaching methods. A three day field experience is required.

RECR 3235 Outdoor Recreation Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces students to the history, philosophy, policies, and laws associated with natural and cultural resource management, and to ecological and heritage preservation concepts as applied in the field of outdoor recreation management.

RECR 3236 Planning Recreation Areas and Facilities
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Basic understanding of the principles and procedures for planning, designing, and operating recreation and park areas and facilities.

Prerequisite(s): A minimum grade of "C" in RECR 1530 and RECR 2530.

RECR 3335 Tourism Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamental understanding of the dynamics and components to tourism and the tourism industry from the historical and applied perspectives.

RECR 3336 Heritage Tourism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the managerial issues and promotional techniques required for the effective operation of heritage-based tourism and leisure service entities.
RECR 3337 International Tourism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduces the student to the field of international tourism from the social, scientific, and applied perspectives, including such concepts as: tourists' motivation, foreign exchange, migration, deviant practices associated with international tourism, and the phenomena of tourist-host relations.

RECR 3338 Resort & Commercial Recreation Operations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides students with an overview of resort and commercial recreation operations with an emphasis on service management and the provision of quality leisure experiences. Economic implications and current events affecting the industry will also be explored.

RECR 3430 Conference and Event Planning
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An overview of principles and practices specific to meetings and events, such as conferences, conventions, festivals, and workshops. Principles and practices related to site selection, transportation, food and beverage, exhibits, special program features, social functions, and evaluations will be addressed.

RECR 3530 Attraction and Tourism Management Field School
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Utilizes an intensive one-week field school methodology and provides students with an exposure to, and understanding of, the various attractions and infrastructure that compromise a working tourism system. Students will explore and understand a variety of managerial issues pertinent to the operation of specific attractions within the tourism system.
Prerequisite(s): A minimum grade of "C" in RECR 3335 or Permission of instructor available for qualified non-majors.

RECR 4130 Assessment in Recreational Therapy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will focus on the importance and process of conducting individual assessments within recreational therapy. Class time will be spent understanding the foundational principles of assessments, and students will practice implementing and developing standardized and non-standardized assessment tools.
Prerequisite(s): A minimum grade of "C" in RECR 2131.

RECR 4135 Intervention Techniques in Recreational Therapy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will provide students with the ability to implement various intervention techniques in recreational therapy. Students will demonstrate the ability to conduct activity and task analyses along with facilitating intervention techniques for a variety of populations.

RECR 4136 Documentation and Evaluation in Recreational Therapy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will expose students to multiple means of documentation, evaluation of client progress and programs, utilization of assessment results, and the importance of evidence-based practice.
Prerequisite(s): Minimum grade of "C" in RECR 2131 and RECR 2136 or Permission of Instructor.

RECR 4230 Environmental Education and Interpretation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides students with foundational knowledge and skills in the areas of environmental education and interpretation, as applied in natural and cultural resource management settings. Strategies for promoting quality visitor experiences and protecting park resources will be addressed.

RECR 4235 Healthcare Administration in Recreational Therapy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will focus on issues related to the administration and management of recreational therapy services in a variety of settings. Topics covered will include: managed care, reimbursement, ethical decision making, standards of practice, supervision of volunteers and interns, and related legislation.
Prerequisite(s): Minimum grade of "C" in RECR 2131 and RECR 2136 or Permission of Instructor.

RECR 4430 Financial and Legal Dimensions of Recreation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A basic understanding of techniques of financing and budgeting, and a knowledge of legal, legislative, and risk management concepts as they relate to recreation service delivery.
Prerequisite(s): A minimum grade of "C" in RECR 1530 and RECR 2530.

RECR 4435 Managing Recreation Organizations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An understanding of organizational behavior, human resources management, ethical principles, and professional issues as they impact the delivery of recreation services.
Prerequisite(s): A minimum grade of "C" in RECR 1530 and RECR 2530.

RECR 4530 Marketing Recreation Services
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An understanding of marketing techniques and strategies as they apply to the delivery of recreation services, including knowledge of public relations and promotion strategies.
Prerequisite(s): A minimum grade of "C" in RECR 1530 and RECR 2530.

RECR 4530S Marketing Recreation Services
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An understanding of marketing techniques and strategies as they apply to the delivery of recreation services, including knowledge of public relations and promotion strategies.
Prerequisite(s): A minimum grade of "C" in RECR 1530 and RECR 2530.

RECR 4536 Evaluation and Research
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A basic understanding of research and evaluation methods, design, analysis, interpretation, and report writing; and the ability to conduct, present, evaluate, and utilize research on recreation.
Prerequisite(s): A minimum grade of "C" in RECR 1530 and RECR 2530.

RECR 4630 Professional Development in Recreation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Prepares students for the recreation internship program and subsequent professional employment. Topics include professionalism in recreation and leisure services, development of internship goals, identification of potential internship sites, preparation of cover letters and resumes, interviewing techniques, and selection of the internship site. Students will have the opportunity to interact with recent GSU graduates and professionals within the recreation and leisure services profession.
Prerequisite(s): A minimum grade of "C" in RECR 1530 and RECR 2530.

RECR 4730 Professional Advancement in Recreational Therapy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to prepare recreational therapy students for the transition from education to practice. In-class discussions include current trends and issues in the field, preparation for the NCTRC certification exam, and researching and preparing for a clinical education experience meeting NCTRC requirements.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RECR 2131 and RECR 3135 or permission of instructor.

RECR 4735 Fieldwork in Recreational Therapy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will provide students with the opportunity to engage with and observe Recreational Therapists in real-world settings. Class time will be dedicated to preparation for fieldwork; however, the majority of the course will require fieldwork under the supervision of a Certified Therapeutic Recreation Specialist.
Prerequisite(s): Minimum grade of "C" in RECR 3137 and RECR 4130 or Permission of Instructor.
RECR 4790 Internship
12 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A 12-15 week supervised work experience related to student's emphasis area which allows application of classroom knowledge and theory to practice.
Prerequisite(s): Total Institution GPA of 2.0 or better, completion of all university core curriculum and major degree requirements, 200 approved experience hours, and permission of Recreation emphasis area faculty.

RECR 4830 Selected Topics in Recreation
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Provides the student with the opportunity to study contemporary topics and issues relevant to the recreation and leisure profession in an individual setting. The student will be able to work with faculty on a rigorous, closely directed research, capstone project, or practicum experience.

RELS 2100 World Religions
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Survey of the major religious traditions of the world.

RELS 2130 Introduction to Religious Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to definitions, perspectives, and methods used in religious studies, as well as, to the varieties of religious issues and expressions.

RELS 3030 Selected Topics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Selected Topics in Religious Studies.

RELS 3134 Introduction to Asian Religions
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an introduction to the religious traditions of Asia. Traditions covered include Hinduism, Buddhism, Jainism, Sikhism, Islam, Daoism, and Confucianism.

RELS 3135 Introduction to Hinduism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an in-depth exploration of the Hindu traditions, and the beliefs, rituals, and cultural expressions of those who practice them.

RELS 3136 Introduction to Islam
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an in-depth exploration of Islam around the world, and the beliefs, rituals, and cultural expressions of those who practice it.

RELS 3137 Introduction to Christianity
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will introduce students to the academic study of diverse social, intellectual, and political movements that have been classified as Christian.

RELS 3138 Introduction to Buddhism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an introduction to the wide range of Asian Buddhist ideas and practices, including Theravada, Mahayana, and Tantric Buddhism's interaction with indigenous traditions.

RELS 3139 History of Religion in the U.S.
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey and analysis of the major religious patterns in the United States with special attention given to belief systems, institutional forms, social composition, and historical development.
Cross Listing(s): HIST 3139.

RELS 3233 The Early Church
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
How did Christianity turn from an illegal, persecuted cult into the official religion of the Roman empire? The course will focus on the first five hundred years of the Christian church: its development, doctrine, and especially its relationship with the ancient civilizations of the Mediterranean world (Greece, Rome, and the Near East).
Cross Listing(s): HIST 3233.

RELS 3234 Asian Religious Philosophy
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is a study of Asian religious philosophy based on reading and analysis of primary texts (in translation). Through close investigation of philosophical texts, the course will explore ideas about ethics, truth, and the nature of reality.

RELS 3235 Religion, Sex, and Gender
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the complex and varied constructions of gender and sex in different religious texts, practices, and institutions. While an essential part of the course will take the form of lectures, a major component will consist of discussion and co-inquiry.

RELS 3238 The Hebrew Prophets
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will focus on a detailed and careful reading of the text of the book of Genesis, with two primary aims in mind: 1) an understanding of the narratives, within the historical context and more importantly the theological nexus of the narrative; and 2) the implications and applications for contemporary society and the issues we face.

RELS 3250 The Muslim World to Tamerlane
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the rise of Islam in the seventh century and of the various Muslim societies that arose prior to the fifteenth century from the Iberian Peninsula to South Asia.
Cross Listing(s): HIST 3250, INTS 3250.

RELS 3251 The Muslim World Since Genghis Khan
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the global reach of Islam since the thirteenth century. The focus is on how Muslim societies have dealt with the precipitous decline in their well-being since their pinnacle of influence in the seventeenth century.
Cross Listing(s): HIST 3251, INTS 3251.

RELS 3330 Introduction to the Hebrew Bible
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to introduce the student to the fundamental ideas, themes, and trajectories in the Hebrew Bible. We shall examine the various historical, cultural, and religious contexts of the Hebrew Bible as far as this is possible, and seek to broaden our understanding of the various claims of the text, and in turn to stimulate questions and reflections on contemporary relevance. Close attention will be paid to the reading and interpretation of the text.

RELS 3334 Christian Europe 450-1750
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The major theme of this course is the development of various Christian traditions in Europe from the early middle ages to the Enlightenment. Topics include the spread of Christianity, formation of distinct Christian churches, and the many wars fought in the name of Christianity.
Cross Listing(s): HIST 3334.
RESP 3110 Medical Terminology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The language of medicine/health care: word construction, definitions, spelling, abbreviations, symbols and information technology systems. Develop ability to comprehend and discuss medical records and professional journals. Develop effective written and oral communication skills.

RESP 3110 Patient Assessment
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A problem solving approach to evaluation and treatment of patients with cardiopulmonary disease. History taking, physical examination, radiographs, ECG, lab tests, spirometry, and blood gas analysis.

RESP 3120 Respiratory Care Equipment
3 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Theory of operation, application, and evaluation of equipment used in respiratory care. Lab emphasis on selection, trouble shooting, quality control, and asepsis.
Corequisite(s): RESP 3110 and RESP 3120L.

RESP 3120L Respiratory Care Equip Lab
0 Credit Hours. 2 Lab Hours. 0 Lecture Hours.
Corequisite(s): RESP 3110, RESP 3120, RESP 3151C.

RESP 3151C Clinical Practicum I
1 Credit Hour. 0 Lecture Hours. 6 Lab Hours.
Preclinical skills development, orientation to the hospital environment, and introduction to electronic information systems.
Corequisite(s): RESP 3110.

RESP 3210 Clinical Pharmacology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Principles of pharmacology including pharmacokinetics, dynamics, drug interactions, and toxicology emphasizing drug groups used in treatment of cardiopulmonary disease.

RESP 3220 Respiratory Care Fundamentals
3 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Development and implementation of the care plan; evaluation of patient response to therapy with laboratory experience and extensive use of therapeutic protocols and decision making algorithms.
Prerequisite(s): A minimum grade of "C" in RESP 3110.

RESP 3220L Respiratory Care Fund Lab
0 Credit Hours. 2 Lab Hours. 0 Lecture Hours.
Corequisite(s): RESP 3220.

RESP 3230 Diagnostic Procedures
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A problem solving approach to evaluation and diagnosis of cardiopulmonary disease with emphasis on procedural protocols, analysis of results, and application to the care plan.
Prerequisite(s): A minimum grade of "C" in RESP 3110.

RESP 3230L Diagnostic Procedures Lab
0 Credit Hours. 2 Lab Hours. 0 Lecture Hours.
Corequisite(s): RESP 3230.

RESP 3252C Clinical Practicum II
3 Credit Hours. 0 Lecture Hours. 18 Lab Hours.
Application of therapeutic protocols, assessment of patient response to therapy and modifications of the care plan based on patient response outside of the critical care environment.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in RESP 3110.

RESP 3315 Princ of MECH Ventilation
3 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Student focus on the operating principles of ventilators used in critical care. Laboratory experience in pneumatic and electronic circuits, setting the control panel, phasing the respiratory cycle, ventilator modes, alarms and troubleshooting will be emphasized.
Prerequisite(s): A minimum grade of "C" in RESP 3210.

RESP 3315L Princ of MECH Ventilation Lab
0 Credit Hours. 3 Lab Hours. 0 Lecture Hours.
Corequisite(s): RESP 3315.

RESP 3325 Managing Ventilator Patient
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Introduces students to indications for vent support, initiating and monitoring the ventilator-dependent patient, recognizing acute respiratory distress and managing adverse response.
Prerequisite(s): A minimum grade of "C" in RESP 3110.
RESP 3353C Clinical Practicum III
3 Credit Hours. 0 Lecture Hours. 18 Lab Hours.
Care of the ventilator-dependent patient in the critical care environment. Patient assessment, airway care, trend monitoring, calibration, and set up of life support systems. CAI used to develop critical thinking skills.
Prerequisite(s): A minimum grade of "C" in RESP 3110.

RESP 3400 Cardiopulmonary Anat & Phys
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Emphasis on cardiopulmonary disease resulting from the most commonly seen illnesses in the region, microbiologically mediated disease (including agents, etiology, and issues related to bioterror), trauma, and lifestyle issues such as both indoor and outdoor air quality, sleep disorders, breathing, and obesity.

RESP 3700 Intro Adv Practice Resp Care
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This transitional course is designed to allow students who are entering the program to learn the essentials of scholarly inquiry as they conduct basic research in respiratory therapy.

RESP 4110 Advanced Ventilatory Support
3 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Case oriented approach to management of the ventilator dependent patient. Laboratory experience in patient assessment and modification of the care plan based on patient response.
Prerequisite(s): A minimum grade of "C" in RESP 3400.
Corequisite(s): RESP 4110L.

RESP 4110L Adv Vent Support Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
Corequisite(s): RESP 4110.

RESP 4120 Cardiopulmonary Critical Care
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Hemodynamic monitoring, fluid/electrolyte management, cardiovascular pharmacology and ACLS protocols.
Prerequisite(s): A minimum grade of "C" in RESP 3400.

RESP 4130 Perinatal Care
4 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Care of the pediatric and neonatal patient in the critical care environment. Laboratory experience in patient assessment, initiation and modification of the care plan based on patient response.
Prerequisite(s): A minimum grade of "C" in RESP 3400.

RESP 4130L Perinatal Care Lab
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.

RESP 4140 Cardiopulmonary Medicine
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A problem-solving approach to the pathophysiology and medical management of cardiopulmonary problems encountered in the hospital setting.

RESP 4154C Clinical Practicum IV
3 Credit Hours. 0 Lecture Hours. 18 Lab Hours.
Advanced monitoring of the CP and CV system in the adult ICU environment. Home/subacute care rotation will emphasize core of the chronically ill patient. Introduction to the role of the RCP in pediatric/ neonatal ICU.
Prerequisite(s): A minimum grade of "C" in RESP 3400.

RESP 4215 Prof Issues in Resp Care
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A senior capstone course with emphasis on the economics of health care, fundamental principles of management and leadership, applied research and legal issues.
Prerequisite(s): A minimum grade of "C" in RESP 3400.

RESP 4265C Clinical Internship
12 Credit Hours. 0 Lecture Hours. 36 Lab Hours.
A preceptor-based clinical capstone course designed to facilitate independent practice of respiratory care and transition into the workforce. Students must pass a comprehensive, summative clinical evaluation and earn the CRT credential to earn a passing grade. Evenings, nights, and weekend scheduling will be required. Application and interview required.
Prerequisite(s): A minimum grade of "C" in RESP 3400.

RESP 4700 Preceptorship Cardiopulm Care
6 Credit Hours. 6 Lecture Hours. 0 Lab Hours.
Curriculum provides professional preceptor training program for degree completion candidates. The course is designed to encourage preceptor practice and encourage graduates to serve as mentors and clinical preceptors at their home facility. Specialized training as preceptor for asthma education or sleep disorders specialty credential is encouraged.
Prerequisite(s): A minimum grade of "C" in RESP 3400.

RHAB Rehabilitation Sciences

RHAB 1000 Introduction to Rehabilitation Sciences
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Description of the different rehabilitative professions and exploration of the rehabilitation sciences major.

RHAB 4000 Appl of Research to Rehab Prof
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Application of quantitative and qualitative approaches to research issues specific to the rehabilitative professions.
Prerequisite(s): MATH 2200 and a minimum grade of "C" in HLPR 2000 or permission of instructor.

RHAB 4100 Neuroscience for the Rehabilitation Professions
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Basic neuroanatomy, neurophysiology and neuromorphology in the context of rehabilitation.

RHAB 4111 Pathophys for Rehab Prof I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to general pathophysiological processes including inflammation and immunity and the pathophysiology of the musculoskeletal, neuromuscular and integumentary systems. Will include description of conditions, medical interventions and application to rehabilitation.
Prerequisite(s): A minimum grade of "C" in BIOL 2082 or permission of instructor.

RHAB 4112 Pathophys for Rehab Prof II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to pathophysiology of the cardiovascular, pulmonary, renal and endocrine systems. Will include description of conditions, medical interventions and application to rehabilitation.
Prerequisite(s): A minimum grade of "C" in BIOL 2082 or permission of instructor.

RHAB 4900 Topics in Rehabilitation Sciences
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed for upper-level Rehabilitation Science majors and upper-level Neuroscience minors. Specific interdisciplinary neuroscience topics will be included.

RHAB 4901 Directed Study Rehab Sciences
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Individualized instruction in an area of interest in Rehabilitation Science.

RHAB 4902 Directed Study Rehab Sci II
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Individualized instruction in an area of interest in rehabilitation sciences.

RHAB 4903 Directed Study Rehab Sci III
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
RHAB 4904  Directed Study Rehab Sci IV  4 Credit Hours.  4 Lecture Hours.  0 Lab Hours.

RLC Residential Life Communities

RLC 1000  Academic and Professional Success in an RLC  0 Credit Hours.  0 Lecture Hours.  0 Lab Hours.
This course is designed for students living in the Lab Living-Learning Community (LLC). Course provides these LLC students with opportunities to learn about COSM-specific academic expectations, teaches students how to find involvement opportunities, discusses how to become involved in campus research, and allows students the opportunity to learn about new advances in fields of science and mathematics.

RTHR Radiation Therapy

RTHR 3001  Radiation Therapy I  6 Credit Hours.  6 Lecture Hours.  0 Lab Hours.
An introduction to the history and practice of radiation therapy with an emphasis on patient care, radiation protection, treatment preparation, and treatment delivery associated with the study of neoplastic disease and treatment interventions.
Corequisite(s): RDSC 3001.

RTHR 3002  Radiation Therapy II  6 Credit Hours.  5 Lecture Hours.  0 Lab Hours.
Radiation production, nuclear transformations, and interactions with matter including radiation detectors, instrumentation, and radiation safety. Includes radiation therapy equipment operation and utilization for simulation and treatment along with an examination of quality management principles used to ensure safe and efficient treatment delivery. Regulatory agencies, equipment safety, testing procedures, and importance of documentation are highlighted.
Prerequisite(s): A minimum grade of "C" in RTHR 3001.
Corequisite(s): RDSC 3002.

RTHR 3002L  Radiation Therapy II Lab  0 Credit Hours.  0 Lecture Hours.  3 Lab Hours.

RTHR 3003  Radiation Therapy III  3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
A study of the principles used to plan and deliver radiation treatments. Dose absorption, dose and isodose distributions, contouring, hand calculations, brachytherapy, and emerging technologies are included.
Prerequisite(s): A minimum grade of "C" in RTHR 3002.

RTHR 3003L  Radiation Therapy III Lab  0 Credit Hours.  0 Lecture Hours.  1 Lab Hour.

RTHR 3100  Introduction to Radiation Therapy Clinical Education  1 Credit Hour.  1 Lecture Hour.  0-18 Lab Hours.
Overview of the clinical setting, administrative structures, legal/compliance requirements, and required documentation.
Prerequisite(s): A minimum grade of "C" in RTHR 3001.
Corequisite(s): RTHR 3002.

RTHR 4101  Radiation Therapy Clinical Education I  5 Credit Hours.  0 Lecture Hours.  0-18 Lab Hours.
A supervised clinical experience in the application and delivery of radiation therapy.
Prerequisite(s): A minimum grade of "C" in RTHR 3100 and DDTS 3001.

RTHR 4102  Radiation Therapy Clinical Education II  6 Credit Hours.  0 Lecture Hours.  0-18 Lab Hours.
Supervised clinical experience in the application and delivery of radiation therapy.
Prerequisite(s): A minimum grade of "C" in RTHR 4101.

RTHR 4103  Radiation Therapy Clinical Education III  9 Credit Hours.  0 Lecture Hours.  0-18 Lab Hours.
Capstone clinical education course in the application and delivery of radiation therapy.
Prerequisite(s): A minimum grade of "C" in RTHR 4102.

RTHR 4200  Radiation Therapy Synthesis  3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
Discussion of theoretical concepts of radiation therapy as they relate to practice.
Prerequisite(s): A minimum grade of "C" in RTHR 3003 and RTHR 4102.

SABR Study Abroad

SABR 2960  Study Abroad  1-15 Credit Hours.  1-15 Lecture Hours.  1-15 Lab Hours.
Offered as part of a study abroad program. Instruction related to countries visited and the academic discipline of the instructor.

SABR 3351  Study Abroad in Rome & Athens  3-9 Credit Hours.  3-9 Lecture Hours.  0 Lab Hours.
An 8-9 week summer semester's residence and study in Rome and Athens in conjunction with the Studies Abroad Program of the University System of Georgia. Through visits to monuments, museums, and classical ruins, and on excursions to Crete, Delphi, Ostia, Tivoli, Tarquinia, and Frascati, the student experiences first hand the reality of life in the ancient world.
Prerequisite(s): LATN 1002.

SABR 3352  Study Abroad in Rome & Athens  3-9 Credit Hours.  3-9 Lecture Hours.  0 Lab Hours.
An 8-9 week summer term residence and study in Rome and Athens in conjunction with the Studies Abroad Program of the University System of Georgia. Through visits to monuments, museums, and classical ruins, and on excursions to Crete, Delphi, Ostia, Tivoli, Tarquinia, and Frascati, the student experiences life in the ancient world.
Prerequisite(s): LATN 1002.

SABR 3353  Study Abroad in Rome & Athens  3-9 Credit Hours.  3-9 Lecture Hours.  0 Lab Hours.
An 8-9 week summer term residence and study in Rome and Athens in conjunction with the Studies Abroad Program of the University System of Georgia. Through visits to monuments, museums, and classical ruins, and on excursions to Crete, Delphi, Ostia, Tivoli, Tarquinia, and Frascati, the student experiences life in the ancient world.
Prerequisite(s): LATN 1002.

SCED Secondary Education

SCED 3121  Planning and Instruction for Secondary Educators  2 Credit Hours.  2 Lecture Hours.  0 Lab Hours.
This course is designed to assist teacher candidates in understanding curriculum design, instructional planning and teaching practices in the secondary school and in reflecting on best practices in secondary instruction. Emphasis is placed on planning, presentation, and assessment skills, as well as developing strategies for working with the diverse student populations present in schools. Candidates will design lesson plans focusing on the selection of appropriate learning objectives related to specific knowledge, skills, and dispositions in one's teaching field; selection of interactive learning activities and resources—including multiple technologies; and the use of appropriate assessments of student learning.
Prerequisite(s): Admission to the Teacher Education Program.
Corequisite(s): SCED 3721.
SCED 3237 Methods of Teaching Science in Secondary Schools  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
This course is designed to assist students in understanding the purpose of science in the secondary school curriculum and becoming familiar with the trends in science instruction. Skills are developed in using classroom laboratory and field trip experiences in planning and evaluating science instruction. Major emphasis is placed on planning and presentation skills and on developing strategies to facilitate working with the diverse student populations present in the public schools.
Prerequisite(s): A minimum grade of "C" in SCED 4137 and SCED 4732.
Corequisite(s): SCED 4231 and SCED 4739.

SCED 3337 Methods of Teaching Language Arts in Secondary Schools  
3 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
A study of methods and materials appropriate in teaching composition, literature, and oral expression in the secondary school English program. Emphasis will be placed on the writing process, teaching grammar through writing, and literature for grades 6-12.
Prerequisite(s): A minimum grade of "C" in SCED 4137 and SCED 4732.
Corequisite(s): SCED 4231 and SCED 4739.

SCED 3437 Methods of Teaching Social Science in Secondary Schools  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
A study of the social sciences in the secondary schools with emphasis on curriculum issues, planning social science instruction, methods and materials appropriate for older adolescents and topical issues in teaching social sciences.
Prerequisite(s): A minimum grade of "C" in SCED 4137 and SCED 4732.
Corequisite(s): SCED 4231 and SCED 4739.

SCED 3537 Methods of Teaching Mathematics in Secondary School  
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
A study of teaching methods and materials, curriculum, and trends in secondary school mathematics.
Prerequisite(s): A minimum grade of "C" in SCED 4731 and SCED 4732.
Corequisite(s): SCED 4231 and SCED 4739.

SCED 3721 Secondary School Practicum I  
2 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A supervised introductory teaching experience in grades 6-12. Candidates will observe, assist, plan, and teach in the specific teaching field and grade level for which they are being certified. Emphasis is placed on observation and participation in various aspects of classroom life and the unique needs of adolescent learners.
Prerequisite(s): Admission to the Teacher Education Program.
Corequisite(s): SCED 3121.

SCED 4137 Instructional Assessment for Diverse Learners  
3 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
The goal for this course is for teacher candidates to learn specific teaching strategies and approaches to curriculum and assessment that meet the needs of diverse learners. Candidates will learn how to design learning opportunities and assessments that are aligned with the strengths and needs of students with diverse ability levels as well as culturally and linguistically diverse students. Candidates will also learn how to use assessment data to inform instruction.
Prerequisite(s): A minimum grade of "C" in SCED 3121 and SCED 3721.
Corequisite(s): SCED 4732.

SCED 4231 Content Specific Pedagogy for Secondary Education  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Teaching and evaluation of content-specific academic language through writing strategies and interdisciplinary instruction. Special attention will be given to engaging and enhancing the writing needs of diverse adolescent learners, as well as evaluating the effectiveness of instruction.
Prerequisite(s): A minimum grade of "C" in SCED 4137 and SCED 4732.
Corequisite(s): SCED 4739.

SCED 4632 Student Teaching Seminar in Secondary Education  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This seminar course provides a forum for discussion and examination of critical issues related to students’ teaching responsibilities and transition to first-year teaching in Grades 6 – 12 classrooms.
Prerequisite(s): Completion of the teaching field and professional education courses and admission to the Student Teaching Program.
Corequisite(s): SCED 5799.

SCED 4732 Secondary School Practicum II  
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A supervised teaching experience in grades 6-12. Candidates will observe, assist, plan, and teach in the specific teaching field and grade level for which they are being certified. In collaboration with the classroom teacher, candidates will plan and teach lessons that specifically address academic language, content, and pedagogy in their assigned content area.
Prerequisite(s): A minimum grade of "C" in SCED 3121 and SCED 3721.
Corequisite(s): SCED 4137.

SCED 4739 Student Teaching Residency I  
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This supervised practicum is a field-based teaching experience in a secondary school classroom. The goals for this course are for teacher candidates to (1) apply teaching and assessment strategies to support diverse learners in various classroom settings (2) meaningfully and effectively utilize instructional technology to support student learning, and (3) thoughtfully reflect on instructional practices to successfully impact student learning.
Prerequisite(s): A minimum grade of "C" in SCED 4137 and SCED 4732.
Corequisite(s): SCED 4231 and content course.

SCED 5799 Student Teaching in Secondary Education  
9 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A supervised teaching experience during which the candidate, under the direction of a clinical supervisor, takes increasing responsibility for leading the school experiences of a given group of learners over a period of consecutive weeks and engages more or less directly in many of the activities which constitute the wide range of a teacher’s assigned responsibilities.
Prerequisite(s): Admission to the Student Teaching Program.
Cross Listing(s): SCED 5799G.

SCIE Science

SCIE 1000 Introduction to Scientific Inquiry  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of the methods of science. Traces the evolution of scientific thought from the perspectives of physics, chemistry and biology. Focuses on major concepts in the natural sciences through a quantitative approach.

SCIE 1212 Chemical Environment  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamental concepts, laws, and theories of chemistry applied to the environment. For non-science majors interested in a quantitative survey of environmental issues.
Prerequisite(s): Prior or concurrent enrollment in MATH 1001 or MATH 1111.
SCIE 1212L Chemical Environment Laboratory
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Laboratory investigations of environmental chemistry.
Corequisite(s): SCIE 1212.

SEAC Valdosta State Franchise

SEAC 5050 Assistive Technology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

SEAC 5140 Collaborative Roles in Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

SEAC 5500 Char of Student w Low Inci Dis
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

SEAC 5510 Curric Stdnts Low Inci Disa
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

SEAC 5520 Assessment for Students with Low Incidence Disabilities
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.

SEAC 5530 Systematic Instruction-Low Incidence Disabilities
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

SEG C Valdosta State Franchise

SEG C 5140 Collaborative Roles in Education
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.

SLPA Speech/Language Path

SLPA 1220 Intro Communication Disorders
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Types, characteristics, etiologies, and treatment methodologies of various communication disorders in children and adults.

SLPA 2230 Anat/Phys Speech/Hearing Mech
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Anatomy and physiology of areas of respiration, phonation, articulation, cerebration/nervous system and audition; functional correlates to the communication process. Field experiences required.

SLPA 2230L Anat/Phys of Spc/Hrg MECH Lab
0 Credit Hours. 0 Lecture Hours. 1 Lab Hour.

SLPA 2250 Phonetics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
International Phonetic Alphabet(IPA) in speech-language pathology. IPA transcription of connected speech (normal and disordered), important characteristics of regional/cultural dialects.

SLPA 3150 Normal Speech/Lang Develop
3 Credit Hours. 3 Lecture Hours. 1 Lab Hour.
Phonological, morphological, semantic, syntactic, and pragmatic growth. Observation practicum required.

SLPA 3410 Intro to Audiology
3 Credit Hours. 3 Lecture Hours. 1 Lab Hour.
Introduction to etiology, characteristics, assessment, and rehabilitation of individuals with hearing impairments. Directed observation.
Cross Listing(s): CSDS 3410.

SLPA 4180L Dir. Obs. Spe/Lang Path
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.

SLPA 4210 Senior Seminar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Contemporary issues, principles, and practices specific to speech-language pathology.

SLPA 4350 Speech Science
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Physiological production, acoustics, physics of speech, analysis of speech, and technology-related instrumentation available to assess the parameters of speech production.

SLPA 4500 Intro Research Spe/Lang Path
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to scientific methodology and its application to the field of communication disorders.

SMED Sports Medicine

SMED 5015 Assessment and Evaluation of Musculoskeletal Injuries
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamental skills of athletic training assessment and evaluation including basic examination, acute care, and documentation for patients with athletically related injuries or illnesses. Emphasis placed on musculoskeletal disorders. Case studies will link the material presented in this course with other courses taught concurrently.
Prerequisite(s): A minimum grade of "C" in HSCF 3005.
Cross Listing(s): SMED 5015G.

SMED 5050 Pharmacology of Sports Medicine Injury and Illness
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Basic understanding of pharmacology and the drugs commonly used in physical medicine and exercise.
Cross Listing(s): SMED 5050G.

SMED 5055 Pathophysiology of Sports Medicine Injury and Illness
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines mechanisms responsible for disease processes and subsequent care of illness associated with the participation in physical activity.
Prerequisite(s): A minimum grade of "B" in BIOL 2081 and BIOL 2082.
Cross Listing(s): SMED 5055G.

SMED 5065 Movement and Posture Assessment and Exercise
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Techniques to identify impaired movement patterns and altered tissue adaptations. Corrective exercise strategies, including inhibitory, stretching and activation techniques and program design will be emphasized.
Prerequisite(s): A minimum grade of "C" in SMED 5015.
Cross Listing(s): SMED 5065G.

SMED 5090 Nutritional Issues in Sports Medicine
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Impact of various nutritional regimens on performance and recovery in athletics.
Cross Listing(s): SMED 5090G.

SMED 5555 Physical Activity in Disease Prevention/Treatment
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Effects of physical activity on health enhancement and maintenance. Bioenergetics, physical assessment methods, equipment, and exercise prescription.
Prerequisite(s): HSCC 3100.
Cross Listing(s): SMED 5555G.

SMED 5600 Health Weight Management and Body Composition
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey of research and applications for methods of improving body composition with a focus on optimal health and physical performance. Students will investigate effective strategies for long-term changes in body fatness and lean body mass.
Cross Listing(s): SMED 5600G.

SMED 5940 Internship in Strength and Conditioning
1-3 Credit Hours. 1-4 Lecture Hours. 1-15 Lab Hours.
Supervised instruction in strength and conditioning techniques.
Cross Listing(s): SMED 5940.
SMED 5945 Internship in Sports Medicine I  
1-3 Credit Hours. 0-3 Lecture Hours. 0-6 Lab Hours.  
On-site clinical experiences closely supervised by university faculty and facility instructors in the well/health promotion, adult fitness or cardiac rehabilitation settings; weekly seminars will address current clinical issues in the selected population. May be taken for repeat credit.  
Cross Listing(s): SMED 5945G.  

SMGT Sport Management  

SMGT 2130 Introduction to Sport Management  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Introduces students to the meaning of sport management in terms of its scope, foundations, issues and future trends. Examines the job responsibilities and competencies required of sport managers in a variety of sports, or sport-related organizations. Also provides the student with an overview of the different facets and career opportunities available in the field of sport management.  

SMGT 2230 Social Issues of Sport  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Helps the student understand the social aspect of sport. Specifically, examines such topics as how social phenomena affect sport participation and behavior, and how the dynamic nature and diverse parameters of society affect the sport industry.  
Prerequisite(s): A grade of "C" or better in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.  

SMGT 3230 Economics of Sport  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examines major economic issues in the sport industry and introduces the methodology of economics that can be used to analyze these issues.  
Prerequisite(s): A minimum grade of "C" in ACCT 2030, ECON 2105, SMGT 2130, SMGT 2230, STAT 1401 and either CISM 1110, CISM 1120, CISM 1130.  

SMGT 3236 Financial Management of Sport  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examines the fundamental concepts and theories of finance applicable to the field of sport management.  
Prerequisite(s): A minimum grade of "C" in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.  

SMGT 3237 International Sport Management  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An in-depth examination of the nature and role of sport in contrasting cultures and the matters of sport governance that cross national boundaries as well as the possibilities of formulating reform measures in sport policy and practice around the world.  
Prerequisite(s): A minimum grade of "C" in ACCT 2030, COMM 2332, ECON 2105, SMGT 2130, SMGT 2230, STAT 1401.  

SMGT 3238 Management of Sport Organizations  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Introduces the student to the operation of actual sport enterprises.  
Prerequisite(s): A minimum grade of "C" in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 2231.  

SMGT 3330 Sport Promotion and Marketing  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Focuses on the application of marketing principles and practices to the sport industry.  
Prerequisite(s): A minimum grade of "C" in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.  

SMGT 3530 Principles of Sport Development  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course examines community development and change through sport programming.  
Prerequisite(s): A minimum grade of "C" or better in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.  

SMGT 3531 Brand Management in Sport  
3 Credit Hours. 3 Lecture Hours. 3 Lab Hours.  
This course addresses critical elements of branding for sport organizations, products, and athletes.  
Prerequisite(s): A minimum grade of "C" or better in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.  

SMGT 3532 Leadership and Programming in Sport Development  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course introduces program planning in sport and techniques, including needs assessment and leadership principles and practices.  
Prerequisite(s): A minimum grade of "C" or better in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.  

SMGT 3533 Intercollegiate Athletics Administration  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course introduces students to governance structures, compliance issues, and organizational challenges inherent to intercollegiate athletics in the United States.  
Prerequisite(s): A minimum grade of "C" or better in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.  

SMGT 3735 Sport Management Practicum  
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
The student is involved with an organization in a part-time capacity (80 hours during semester) where he/she has the opportunity to work in either a sport industry setting, or one which is commensurate with typical, entry-level sport industry functions and roles. In addition, students will participate in regular seminars focused on professional development. Practicum experiences must be approved by the Undergraduate Internship Director. To enroll, students must have successfully completed program admission requirements, successfully completed SMGT 2130 and SMGT 2230 with a C or better, and have a 2.25 overall GPA.  
Prerequisite(s): A minimum grade of "C" in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.  

SMGT 4090 Selected Topics in Sport Management  
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.  
Provides a student with in-depth of selected topics in Sport Management.  
Prerequisite(s): Permission of instructor.  

SMGT 4330 Facility and Event Management  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Addresses the principles and procedures involved in sports facility and event management. Special emphasis will be given to sports event planning, production, and evaluation.  
Prerequisite(s): A minimum grade of "C" in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.  

SMGT 4336 Sport Business Operations  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Teaches the student to use modern computerized programs used in the operations of the sport industry and the policies and procedures that govern their use.  
Prerequisite(s): A minimum grade of "C" in ACCT 2030, ECON 2105, SMGT 2130, SMGT 2230, STAT 1401 and either CISM 1110, CISM 1120, CISM 1130.  

SMGT 4337 Legal Aspects of Sport  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Helps the student understand the legal aspects of negligence, intentional torts, the essentials of contracts, and elements of constitutional law as they apply to the sport industry. Helps the student understand risk management in the sport industry.  
Prerequisite(s): A minimum grade of "C" in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130 and STAT 1401.
SOAR 1000  Pre-Orientation  
0 Credit Hours.  0 Lecture Hours.  0 Lab Hours.

SOCI Sociology

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Lecture Hours</th>
<th>Lab Hours</th>
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<tbody>
<tr>
<td>SMGT 4338</td>
<td>Sport Policy Development</td>
<td>3</td>
<td>3</td>
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<td></td>
<td>Helps the student understand the modern administrative issues in the administration of sport related businesses. The course will focus on many of the most demanding legal concerns of running sport businesses. Prerequisite(s): A minimum grade of &quot;C&quot; in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.</td>
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<td>SMGT 4531</td>
<td>Data Driven Sales in Sport Organizations</td>
<td>3</td>
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<td>The course introduces data collection and statistical analysis techniques used by sport organizations to drive sponsorship and ticket sales. Prerequisite(s): A minimum grade of &quot;C&quot; or better in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.</td>
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<td>SMGT 4532</td>
<td>Assessment and Evaluation in Sport Development</td>
<td>3</td>
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<td>This course introduces applied sport research with emphasis on program evaluation, research design, and data collection and analysis. Prerequisite(s): A minimum grade of &quot;C&quot; or better in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.</td>
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<td>SMGT 4533</td>
<td>Sport Ticket and Sponsorship Sales</td>
<td>3</td>
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<td>This course explores sales techniques common within the sport industry and provides opportunities for knowledge application to experiential learning opportunities. Prerequisite(s): A minimum grade of &quot;C&quot; or better in ACCT 2030, CISM 2530, COMM 1110, ECON 2105, SMGT 2130, and STAT 1401.</td>
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<tr>
<td>SMGT 4630</td>
<td>Baseball and American Culture</td>
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<td>This course is designed to provide students with an overview of the history of baseball in America, and relate the historical events and phenomena to American culture. Course work will relate class topics to historical and contemporary social, cultural, economic, and political issues. Course content will consist of lectures, readings, class discussion, video and other presentations.</td>
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<tr>
<td>SMGT 4735</td>
<td>Sport Management Internship</td>
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<td>The student is involved with an organization in a full-time (40 hours per week) capacity where he/she has the opportunity to work in either a sport industry setting, or one which is commensurate with typical, entry-level sport industry functions and roles. The internship opportunity must be approved by the Undergraduate Internship Director, and allows the Senior student to apply the Sport Management curriculum in a work environment. Students must have a 2.25 Overall GPA to enroll and must have successfully completed all courses (exceptions made ONLY if student lacks ONE course and ONLY with approval of student's advisor) on the program of study for the B.S. in Sport Management. Students who do not meet the 2.25 requirement may complete twelve hours of GUIDED electives with the approval of their advisor.</td>
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<td>SMGT 4899</td>
<td>Directed Individual Study</td>
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<td>Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor. Prerequisite(s): Permission of instructor.</td>
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| SOAR Student Orientation & Registra  
  SOAR 1000  Pre-Orientation  
  0 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  

SOCI 1101 Introduction to Sociology  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
A survey of the discipline of sociology. Topics include sociological theory, methods, and selected substantive areas.  

SOCI 2000 Global Sociology  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Exploring the global world through a sociological lens. Topics include: globalization, global inequalities, international conflict, social institutions, and world-wide environmental crises.  

SOCI 2130 Introduction to Gerontology  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This is a comprehensive introduction to the field of gerontology meant to assist students in the application of an aging perspective for any discipline or major. The course includes a focus on the social, psychological, biological, policy, and humanities perspective of the aging experience.  

SOCI 2232 Introduction to Social Services  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is designed to introduce students to the field of social services, including the history of the profession and its knowledge, skill and value base. Students will gain an understanding of various careers within social services and the settings in which they are practiced. They will gain an understanding of micro, mezzo, and macro type agencies.  

SOCI 2343 Social Data Analysis  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course will teach students the skills to make them better consumers of data related to social issues. Students will learn to perform univariate and bivariate analyses using a data analysis program, and will learn to write and read research reports.  

SOCI 3094 Selected Topics in Sociology  
1-3 Credit Hours.  1-3 Lecture Hours.  0 Lab Hours.  
This course covers various substantive topics, theoretical issues, or sociological problems not otherwise offered in the sociology curriculum. Possibility to repeat with different topics.  

SOCI 3135 Aging  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course examines the impact of an aging population upon society and the effects of the socially-defined experience of aging upon the individual. Special attention is given to economic factors, retirement, lifestyle options, health, death, and widowhood.  

SOCI 3232 Human Behavior and the Social Environment  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course covers theories of human development across the lifespan through various perspectives and within different cultural and sociological contexts.  

SOCI 3235 Race and Ethnicity  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is a survey of the major concepts and theories in the study of racial and ethnic relations in the United States. The situations and experiences of various racial and ethnic groups are considered. Prerequisite(s): AAAS 3235. Cross Listing(s): AAST 3235.  

SOCI 3250 Sociology of Education  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Examination of the organization and role of educational institutions in contemporary society, including contributions to both social mobility and the preservation of the prevailing social order.  

SOCI 3260 Sociology of Work  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is an introduction to the sociology of work that will explore contemporary transformations in work and employment, and their impact on social relations. The course will focus primarily on working conditions and jobs in the United States, but will take account of how different types of work and workers are connected worldwide.
SOCI 3330 Exploring Popular Culture
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of popular culture using mass media, technology, and language to explore a given era. Comparisons of lifestyles, gender roles, attitudes towards various groups, and the national and regional mood of the times.

SOCI 3333 Deviance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Nature of deviance, social behavior that departs from that regarded as normal or socially acceptable within a society or the social context, with a focus on sociological deviance. Deviance is revealed as complex social processes, cultural arrangements, and cultural adaptations.

SOCI 3335 Social Change
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Discussion of theories and causes of social change in contemporary or historical perspective.

SOCI 3336 Social Problems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Sociological examination of contemporary social problems with an emphasis on their causes, consequences, and possible solutions.

SOCI 3338 Sociology of the Life Course
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course uses sociological theories, perspectives, and conceptual frameworks to analyze aging-related social issues. It examines the social forces that shape the diverse experiences of aging for individuals throughout the life course. Emphasis is placed on structural issues such as age stratification, the life course, and societal aging as a force in social change.

SOCI 3339 Sociology of Sexuality
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the social construction of sexuality, including social influences upon sexual scripts and normative ideas regarding human sexuality.

SOCI 3431 Sociological Theory
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to social theory from the classical to the contemporary. Major theoretical fields, theorists, and issues are covered. Required of all Sociology majors.
Prerequisite(s): SOCI 1101.

SOCI 3434 Methods of Social Research
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will cover both quantitative and qualitative research designs in sociological research. Required of all Sociology majors.
Prerequisite(s): SOCI 1101.

SOCI 3435 Environmental Sociology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the interconnectedness of human societies and the natural environment and explores contemporary (and often controversial) environmental issues.

SOCI 3451 Service Learning and Civic Engagement
3 Credit Hours. 3 Lecture Hours. 0-18 Lab Hours.
An experiential learning course that connects sociological concepts and theories to community service. Includes field experiences.

SOCI 3490 Comparative Societies, Politics and Institutions
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
On-site examination of society and social institutions of other countries. Course intended for study abroad programs only.

SOCI 3510 Gender, Violence and Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of the family as an institution that may produce violent individuals. Correlates of family violence, theoretical explanations, impact on public policy, effects on victims and society.

SOCI 3520 Sociology of Tourism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Sociological examination of tourism and the tourism industry. Emphasis on the social construction of cultural significance and meaning, from historical sites and monuments to theme parks and vacation destinations, from the collective and social memory to the impact of tourism on development, and culture.

SOCI 3531 Introduction to LGBT Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the questions, topics, and theories which characterize the field of Lesbian, Gay, Bisexual and Transgender (LGBT) Studies.

SOCI 3600 Media and Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of media's impact on society and the social construction of reality.

SOCI 3700 Sociology of Tourism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Sociological examination of tourism and the tourism industry. Emphasis on the social construction of cultural significance and meaning, from historical sites and monuments to theme parks and vacation destinations, from the collective and social memory to the impact of tourism on development, and culture.

SOCI 4131 Sociology of Terrorism
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
International and domestic terrorism undertaken for political purposes in liberal states. Primary focus on state-sponsored international terrorism, American domestic revolutionary terrorism, and the dilemmas of counter-terrorism in a democracy.

SOCI 4132 Sociology of Community
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on community life in the United States. Community is viewed as a social entity and an arena of social interaction. Urban, rural, and alternative communities in the U.S. are investigated to uncover their patterns of interaction and organization.

SOCI 4133 Sociology of Religion
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course involves the sociological study of religion focusing on the human (especially social) aspects of religious belief and practice. Various religious groups will be examined to identify how they organize their collective religious expressions.

SOCI 4134 Sociology of Childhood
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on childhood as a social phenomenon. Childhood is viewed as a social construction, and particular attention is paid to the cultural context in which childhood has flourished, the role of children's culture in society, and social problems that are associated with childhood.

SOCI 4135 Death and Dying
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines sociocultural dimensions of death, dying, bereavement, grief, and mourning, including cross-cultural comparisons and social patterns in historical perspective.

SOCI 4137 Social Movements
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the sociological study of social movements and extra institutional political conduct. Key theories and research methods used will be reviewed.

SOCI 4138 Sociology of the Family
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course investigates the various links between families and the larger society and how family life is impacted by broad political, economic, and technological changes. The course will also examine the internal dynamics of family life such as intimacy, marriage, and parent/child relationships.
SOCI 4139 Medical Sociology  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course provides an overview of the field of medical sociology. Topics covered include social and cultural factors related to health and illness, health disparities, sociological models of health and illness, the sick role, chronic illness, physician patient relationship, historical and emerging health care policies, and the social organization of health care institutions, medical careers, and health care.

SOCI 4231 Child Welfare and Family Services  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Comprehensive study of current philosophy and practice in the various fields of child welfare, including family income maintenance programs, child protective service, adoption, foster care, institutional placement of children, home based services, family preservation, early childbearing, guardianship and custody, the family and the courts, and child advocacy.

SOCI 4232 Social Welfare Policy and Services  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An analysis of American social welfare policy. Covers programs and policies under public, voluntary, and proprietary auspices in the areas of income maintenance, mental health and substance abuse, health care, child welfare, nutrition, housing, and employment.

SOCI 4235 Aging Programs and Policies  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
This course is designed to familiarize students with current programs and policies for older adults. Familiarity with these programs and policies requires an understanding of the social policy process and the role of norms, values and beliefs in that process. The course will move from an understanding of demographic trends to an understanding of policy development for the aging community and then focus on the programs that exist to support our aging society at the local, state and federal levels.

SOCI 4236 Social Services Counseling Skills  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
An examination of the knowledge, skills and value base for working in the social services. The emphasis is on preparation for practice in social services settings.  
Prerequisite(s): A minimum grade of "D" in SOCI 2232.

SOCI 4332 Sociology of Gender  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examines the social construction of gender and gender inequality in society.

SOCI 4334 Sociology of Organizations  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Organizations are ubiquitous in society and impact people's everyday behavior. The course will focus on organizational structure and behavior using sociological and organizational theories. The course will examine how the changing social environment impacts the behavior of organization.

SOCI 4335 Self and Society  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Explores the relationship between the self and society (the individual and the social milieu) using social psychological and/or symbolic interactionist perspectives. Content includes origins of the self and how it is shaped by society, formation of norms, identity management, socialization, interpersonal influence, and role behavior.

SOCI 4338 Sport, Culture, and Society  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examines sport as a social institution, focusing on cultural values related to sport, stratification within and among sports, and issues of power and inequality pertaining to sport.  
Cross Listing(s): WGST 4338.

SOCI 4431 Inequality  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Examines the sociological approaches and theories of stratification and structured inequality, and analyzes the causes and consequences of economic, political, and social inequality.

SOCI 4433 Program Evaluation  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Explores what it means to live in a society in which accountability is a thematic issue and policy and program benefits which accrue from well-designed evaluations, and proposals. Evaluation research and grant development issues, including basic design and use considerations are discussed.

SOCI 4450 Sociology of Nationalism  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Various theories of nationalism and their social, historical, economic, and cultural contexts. Cultural, ethnic, and national identity and conflict are the focus. Ethnic, religious, civic, economic, and anti-colonial nationalism are examined in a global perspective.

SOCI 4630 Senior Seminar  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A capstone course which involves original student research. The scope, theme, and requirements of the research will be determined by the instructor. Required of all senior majors.  
Prerequisite(s): SOCI 2434 and SOCI 3431 and SOCI 3434.

SOCI 4790 Internship  
3-9 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
This course is an educational placement to provide qualified students the ability to apply classroom knowledge in a professional setting, which is appropriate for their academic background and career objectives. Internships provide students with learning experiences in order to enhance their academic preparation and increase their professional skills. Students complete tasks at their internship site in addition to course assignments relating their internship experience to academic research/knowledge and previous coursework.  
Prerequisite(s): Sociology major and SOCI 1101 and departmental approval.

SOCI 4810 Independent Study  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
A directed study on a pre-approved topic in a field of special interest taken under the supervision of a faculty member.  
Prerequisite(s): Department approval.

SOCI 4900 Directed Individual Research  
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.  
Directed research on a pre-approved topic in a field of special interest, taken under supervision of a faculty member.  
Prerequisite(s): Department approval.

SONO Sonography  

SONO 3001 Sonographic Principles, Theory, and Physics I  
6 Credit Hours. 6 Lecture Hours. 0 Lab Hours.  
This course is the introduction to sonography specialties, sonographic instrumentation, propagation principles and interactions, the theoretical concepts and scanning techniques of adult and pediatric abdominal, gynecological, and obstetrical content and exam procedures, and the standards and practices related to diagnostic medical sonography.

SONO 3001L Sono Prin, Theory, & Phy I Lab  
0 Credit Hours. 0 Lecture Hours. 2 Lab Hours.

SONO 3002 Sonographic Principles, Theory, and Physics II  
5 Credit Hours. 4 Lecture Hours. 0 Lab Hours.  
This course is a continuation of Sonographic Principles, Theory, and Physics I. It includes advanced topics to sonographic instrumentation, propagation principles and interactions. It also includes concepts and intermediate scanning techniques pertaining to invasive procedures, the adult and pediatric abdomen, small parts, obstetrics and gynecology.  
Prerequisite(s): A minimum grade of "C" in SONO 3001.  
Corequisite(s): RDSC 3002.

SONO 3002L Sono Prin, Theo, & Phys II Lab  
0 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
SONO 3003  Sonographic Principles, Theory, and Physics III
3 Credit Hours. 4 Lecture Hours. 6 Lab Hours.
This course is continuation of Sonographic Principles, Theory, and Physics II to include advanced concepts related to scanning techniques, invasive procedures, the adult and pediatric abdomen, small parts, obstetrics and gynecology and other sonography specialties.
Prerequisite(s): A minimum grade of "C" in SONO 3002.

SONO 3100  Introduction to Sonography Clinical Education
1 Credit Hour. 1 Lecture Hour. 0-18 Lab Hours.
Overview of the clinical setting, administrative structures, legal/compliance requirements, and required documentation.
Prerequisite(s): A minimum grade of "C" in SONO 3001.
Corequisite(s): SONO 3002.

SONO 4101  Sonography Clinical Education I
6 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.
Supervised clinical practice in performing Sonographic procedures.
Prerequisite(s): A minimum grade of "C" in SONO 3100 and DDTS 3001.

SONO 4102  Sonography Clinical Education II
6 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.
Supervised clinical practice in performing Sonographic procedures. A minimum grade of "C" in SONO 4101.

SONO 4103  Sonography Clinical Education III
6 Credit Hours. 0 Lecture Hours. 0-18 Lab Hours.
Supervised clinical practice in performing Sonographic procedures.
Prerequisite(s): A minimum grade of "C" in SONO 4102.

SONO 4200  Sonography Synthesis
3 Credit Hours. 3 Lecture Hours. 5 Lab Hours.
A capstone course to include advanced concepts related to scanning techniques, invasive procedures, the adult and pediatric abdomen, small parts, obstetrics and gynecology and other sonography specialties.
Prerequisite(s): A minimum grade of "C" in SONO 3003 and SONO 4102.

SPAN Spanish

SPAN 1001  Elementary Spanish I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to listening, speaking, reading, and writing in Spanish and to the culture of Spanish-speaking regions.

SPAN 1002  Elementary Spanish II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continued listening, speaking, reading and writing, in Spanish with further study of the culture of Spanish- speaking regions.

SPAN 1060  Accelerated Elementary Spanish
6 Credit Hours. 6 Lecture Hours. 0 Lab Hours.
An accelerated introduction to listening, speaking, reading, and writing in Spanish and to the culture of Spanish-speaking regions. Completes the elementary levels of Spanish in one semester.

SPAN 2001  Intermediate Spanish I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Building upon communication skills (understanding, speaking, reading, and writing Spanish) and cultural understanding, developed at the elementary level.
Prerequisite(s): A minimum grade of "C" in SPAN 1002 or SPAN 1060.

SPAN 2002  Intermediate Spanish II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Continued building upon proficiency skills (speaking, writing, listening, and reading) and cultural understanding. Focus on development of the ability to create with the language, to resolve simple situations, and to ask and answer questions. After completing this course, successful students should be prepared to function minimally in a Spanish-speaking environment and to take SPAN upper-division courses.
Prerequisite(s): A minimum grade of "C" in SPAN 2001.

SPAN 2050  Spanish for Health Care Sys
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Skills to communicate with Spanish-speaking patients in a wide variety of clinical situations.
Prerequisite(s): A minimum grade of "C" in SPAN 2001.

SPAN 2060  Accelerated Intermediate Spanish
6 Credit Hours. 6 Lecture Hours. 0 Lab Hours.
Accelerated intermediate Spanish with continued work on listening, speaking, reading, and writing in Spanish and the culture of Spanish-speaking regions. Completes the intermediate levels of Spanish in one semester.
Prerequisite(s): A minimum grade of "C" in SPAN 1002 or SPAN 1060.

SPAN 3030  Selected Topics in Spanish
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Selected topics in Spanish.
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or any upper-division SPAN course.

SPAN 3031  Spanish Conversation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Conversational Spanish to develop greater oral proficiency and awareness of Hispanic culture. Review of grammar and syntax through guided essays.
Prerequisite(s): A minimum grade of "C" in SPAN 2002.

SPAN 3130  Applied Speaking Skills I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides practice in listening, speaking, writing, and reading skills with emphasis on oral communication at the intermediate level of proficiency, based on the ACTFL guidelines. Focus is placed on the development of narration, description, summary, comparison, and explanation in all major time frames within specific communicative contexts in paragraph-length discourse.
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or any upper-division SPAN course.

SPAN 3131  Critical Reading and Writing I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides practice in writing, reading, and oral skills with emphasis on reading comprehension and written communication at the intermediate level of proficiency, based on the ACTFL guidelines. Focus is placed on the development of narration, description, summary, comparison, and explanation in all major time frames within specific communicative contexts in paragraph-length discourse.
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or any upper-division SPAN course.

SPAN 3132  Spanish Phonetics and Phonology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A detailed analysis both in theory and in practice of Spanish speech patterns, vowels, consonants, and intonation.
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or any upper-division SPAN course.

SPAN 3195  Studies Abroad: Language
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A course in oral and written communications in Spanish using materials and resources available in the foreign country.
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060.
SPAN 3200  Introduction to Hispanic Literature  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Analysis of Hispanic poetry, prose, and drama.  
Prerequisite(s): A minimum grade of "C" in SPAN 2002.

SPAN 3295  Studies Abroad: Literature  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
The study of selected works of literature in Spanish which are appropriate for building on language skills or which are related thematically to the country or culture visited.  
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060.

SPAN 3335  Conversation, Composition, Culture: South America  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Focuses on improving linguistic and cultural proficiency within the context of Spanish American cultural content. Course content varies; may include film, music, art, literature, history, etc. Emphasis will be placed on helping students achieve consistency with paragraph formation, narration, detailed description, and resolving a situation with a complication. The linguistic goal of the course is to help students approach the point at which they can communicate at ease with a native speaker of Spanish who is unaccustomed to speaking with non-Spanish speakers.  
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or any upper-division SPAN course.

SPAN 3336  Conversation, Composition, Culture: Mexico and Central America  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Focuses on improving linguistic and cultural proficiency within the context of Mexican cultural content. Course content varies; may include film, music, art, literature, history, etc. Emphasis will be placed on helping students achieve consistency with paragraph formation, narration, detailed description, and resolving a situation with a complication. The linguistic goal of the course is to help students approach the point at which they can communicate at ease with a native speaker of Spanish who is unaccustomed to speaking with non-Spanish speakers.  
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or any upper-division SPAN course.

SPAN 3337  Conversation, Composition, Culture: The Caribbean  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Focuses on improving linguistic and cultural proficiency within the context of Caribbean cultural content. Course content varies; may include film, music, art, literature, history, etc. Emphasis will be placed on helping students achieve consistency with paragraph formation, narration, detailed description, and resolving a situation with a complication. The linguistic goal of the course is to help students approach the point at which they can communicate at ease with a native speaker of Spanish who is unaccustomed to speaking with non-Spanish speakers.  
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or any upper-division SPAN course.

SPAN 3338  Conversation, Composition, Culture: Spain  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Focuses on improving linguistic and cultural proficiency within the context of Peninsular cultural content (Spain). Course content varies; may include film, music, art, literature, history, etc. Emphasis will be placed on helping students achieve consistency with paragraph formation, narration, detailed description, and resolving a situation with a complication. The linguistic goal of the course is to help students approach the point at which they can communicate at ease with a native speaker of Spanish who is unaccustomed to speaking with non-Spanish speakers.  
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or any upper-division SPAN course.

SPAN 3339  Conversation, Composition, Culture: Latino USA  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Focuses on improving linguistic and cultural proficiency within the context of US Latino cultural content. Course content varies; may include film, music, art, literature, history, etc. Emphasis will be placed on helping students achieve consistency with paragraph formation, narration, detailed description, and resolving a situation with a complication. The linguistic goal of the course is to help students approach the point at which they can communicate at ease with a native speaker of Spanish who is unaccustomed to speaking with non-Spanish speakers.  
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or any upper-division SPAN course.

SPAN 3395  Studies Abroad: Culture  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Students become familiar with the culture of the country in which they are staying by examining selected historical, geographical, and artistic features and discussing aspects of the lifestyles of the country.  
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060.

SPAN 3530  Introduction to Spanish for the Professions  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course incorporates authentic cultural materials and situational practice as students explore a wide range of advanced-level Spanish content and discourse related to professions.  
Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or any upper-division SPAN course.

SPAN 4030  Special Topics  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Hispanic literature: subject announced when course offered. Thematic studies such as the picaresque and the anti-hero. May be repeated for additional credit when topics change.  
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.

SPAN 4050  Advanced Spanish for Health Care Professionals  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
Skills and techniques needed to work as a translator/ interpreter in the health care field, with an introduction to the variety of careers available to bilingual health care professionals.  
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.

SPAN 4095  Study Abroad Selected Topics  
1-12 Credit Hours.  1-12 Lecture Hours.  0 Lab Hours.  
Selected topics for Independent Study Abroad in Spanish-speaking countries.  
Prerequisite(s): Departmental approval.

SPAN 4130  Applied Speaking Skills II  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course builds on listening, speaking, writing, and reading skills with an emphasis on oral communication at the advanced level of proficiency, based on the ACTFL guidelines. Students will focus on speaking and the acquisition of advanced grammatical concepts appropriate for more complex communicative tasks, including stating and supporting opinions, hypothesizing, and speaking in the abstract in linked-paragraph discourse.  
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.

SPAN 4131  Critical Reading & Writing II  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course builds on writing, reading, and oral skills with emphasis on reading comprehension and written communication at the advanced level of proficiency, based on the ACTFL guidelines. Students will focus on the acquisition of advanced grammatical concepts appropriate for the production and comprehension of more complex texts. This course targets communicative tasks such as stating and supporting opinions, hypothesizing, and writing in the abstract, all in linked-paragraph discourse.  
Prerequisite(s): A minimum grade of "C" in SPAN 3131 & SPAN 3132.
SPAN 4132 Introduction to Hispanic Linguistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
What is language? How do languages function? How is human language different from other communication systems? Focusing on Spanish, this course also explores language acquisition, language contact and bilingualism.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 & SPAN 3132.

SPAN 4195 Studies Abroad: Advanced Language
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The practice of Spanish language and study of the supporting grammatical structures using materials and resources available in the foreign country.
Prerequisite(s): Departmental approval.

SPAN 4200 Introduction to Hispanic Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to literary and cultural texts in Spanish: to their production, interpretation, and signification. Selected works may include examples of poetry, narrative, drama, essay, and film. Students will study and practice the basics of textual analysis while they continue to work on the ability to narrate, describe, and explain in all time frames.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.

SPAN 4231 Spanish American Life, Literature, and Thought
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An exploration of the life, literature, and thought of Spanish America, with focus on building advanced-level proficiency in writing, listening, reading, and speaking.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.

SPAN 4233 Peninsular Life, Literature, and Thought
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An exploration of the life, literature, and thought of Spain, with focus on building advanced-level proficiency in writing, listening, reading, and speaking.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.

SPAN 4295 Studies Abroad: Advanced Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An intensive study of literary works thematically related to the country or culture visited by the student.
Prerequisite(s): Departmental approval.

SPAN 4395 Studies Abroad: Advanced Civilization
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study at the advanced level of the land, culture, civilization, monuments, and artistic achievements of the country in which the student is studying.
Prerequisite(s): Departmental approval.

SPAN 4530 Advanced Spanish for the Professions
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course incorporates authentic cultural materials and situational practice as students explore a wide-range of advanced-level Spanish content and discourse related to professions.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.

SPAN 4532 Foundations of Translation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is an introduction to the field of translation. It focuses on comparative study of characteristic modes of expression and introduction to the theoretical aspects and practical techniques of translation, using documents from a variety of sources.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.

SPAN 4890 Directed Study in Spanish
1-3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Concentrated study of a topic in Spanish literature, culture, society, thought or language. May be repeated for credit provided a new topic is studied.
Prerequisite(s): Departmental approval.

SPAN 5030 Selected Topics in Spanish
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Selected topics in Spanish.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.
Cross Listing(s): SPAN 5030G.

SPAN 5090 Selected Topics in Spanish
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
Selected Topics.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.
Cross Listing(s): SPAN 5090G.

SPAN 5230 Studies in Hispanic History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Practice of superior-level Spanish-proficiency skills through the examination of the history of the Spanish-speaking world. Course repeatable for credit with advisor approval.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.
Cross Listing(s): SPAN 5230G.

SPAN 5232 Studies in Hispanic Societies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Practice of superior-level Spanish-proficiency skills through the examination of the societies of the Spanish-speaking world, with particular focus on the various minority groups. Course repeatable for credit with advisor approval.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.
Cross Listing(s): SPAN 5232G.

SPAN 5234 Studies in Hispanic Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Practice of superior-level Spanish-proficiency skills through the examination of the literatures of the Spanish-speaking world. Situates works in their cultural, historical, and aesthetic contexts using appropriate critical methodologies. Course repeatable for credit with advisor approval.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.
Cross Listing(s): SPAN 5234G.

SPAN 5310 Latinos in the U.S.
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to familiarize students with significant cultural, historical, and social contributions of Latinos in the United States. Emphasis will be placed on the diversity within the Latino community and the contributions of Latino literature.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.
Cross Listing(s): SPAN 5311G.

SPAN 5330 Studies in Hispanic Film
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Practice of Superior-level Spanish-proficiency skills through study of the films of the Spanish-speaking world. Situates works in their cultural, historical, and aesthetic contexts using appropriate critical methodologies. Course repeatable for credit with advisor approval.
Prerequisite(s): A minimum grade of "C" in SPAN 3131 and SPAN 3132.
Cross Listing(s): SPAN 5332G.
SPED Special Education

SPED 3003 Devel Lang & Commun Skills
3 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
Teaches a variety of strategies for developing and facilitating language and communication skills in terms of appropriate use of phonology, morphology, semantics, syntax, and pragmatics. Covers cultural and dialectical aspects of language. Includes practicum.

SPED 3130 Characteristics of Learners with Disabilities
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course provides a review of the etiology, diagnosis, characteristics, and philosophical and educational implications of the full range of students with special needs who demonstrate a need for additional educational services in order to achieve full potential. Considerable emphasis will be placed on the delivery of educational services and social issues related to Mild Disabilities. Together with the listed co-requisites, this course is designed to meet the requirements of House Bill 671.
Prerequisite(s): Admission to Teacher Education Program.
Corequisite(s): SPED 3131, SPED 3134.

SPED 3131 Assessment in Special Education
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course is designed to provide a overview of a variety of assessment techniques, including observations, teacher-made test, criterion referenced assessments, and standardized evaluation tools for use in identifying and developing programs for individuals with special learning needs. Special emphasis will be placed on interpreting assessment results for instructional planning.
Prerequisite(s): Admission to Teacher Education Program.
Corequisite(s): SPED 3131.

SPED 3133 Methodologies of Inclusive P-5 Settings
3 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
This course is designed to examine: (a) research-based methods for curriculum and instruction in an inclusive classroom, (b) differentiated instruction, (c) instructional curricular adaptations, and (d) collaboration for individuals with age-level learning abilities as well as those individuals with mild disabilities, preschool through grade 5. This course includes a field component.
Prerequisite(s): SPED 3131, SPED 3134, SPED 3331.

SPED 3134 Special Education Procedures
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Designed to provide knowledge about litigation and legislation affecting Special Education and the procedures associated with pre-referral, assessment, placement, and instruction of children with special needs. The development of eligibility reports, Individual Education Plans, and Transition Plans are included in course content. Candidates seeking certification must earn a "B" or better in this course.
Prerequisite(s): Admission to Teacher Education Program.
Corequisite(s): SPED 3131.

SPED 3231 Classroom Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to initiate the preservice teacher in the basic procedures for classroom management with an emphasis on developing teacher candidates' abilities to meet the needs of a diverse population, including English Language Learners and students with disabilities in the P-5 and/or 6-12 classroom. Emphasis is placed on the understanding and development of skills in the following areas: Positive Behavior Intervention and Supports (PBIS), data-based behavioral management, including several theoretical paradigms and research-based effective instructional management.
Prerequisite(s): A minimum grade of "C" in SPED 4733.
Corequisite(s): SPED 4734.

SPED 3331 Introduction to Special Education for Elementary Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to examine: (a) the characteristics of students with disabilities, (b) the educational and legal implications for working with students with disabilities and other special learning needs, (c) collaborating with other professionals to meet the needs of all students, (d) strategies for successful inclusion, and (e) instructional and curricular adaptations. Candidates seeking certification must earn a "B" or better in this course.

SPED 3332 Introduction to SPED in Middle and Secondary Grades
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to examine the etiology, diagnosis, characteristics, effective teaching strategies, and philosophical, educational, and legal implications of the full range of students who demonstrate a need for additional educational services in order to achieve full potential. Candidates seeking certification must earn a "B" or better in this course.
Prerequisite(s): Admission to Teacher Education Program and a minimum grade of "C" and prior or concurrent enrollment in MGED 3731.

SPED 3333 Introduction to Special Education
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to examine the etiology, diagnosis, characteristics, effective teaching strategies, and philosophical, educational, and legal implications of the full range of students who demonstrate a need for additional educational services in order to achieve full potential. Candidates seeking certification must earn a "B" or better in this course.
Prerequisite(s): Admission to Teacher Education Program.

SPED 3631 Inclusive Practices
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is designed to focus on best practices for educating P-12 students with diverse learning needs in the general education classroom. Candidates will investigate significant legal and historical considerations related to inclusion, pedagogical and curricular issues, collaboration, best instructional practices, and current trends. This course includes a field component.
Corequisite(s): SPED 3231, SPED 4733, SPED 4734.

SPED 4090 Special Education Special Topics
3-12 Credit Hours. 3-12 Lecture Hours. 0 Lab Hours.
Designed to provide additional specialized field-based experience or remedial coursework as needed to meet the needs of preservice teachers. Attention will be focused on providing opportunities for strengthening skills necessary to special education teachers.
Prerequisite(s): Approval of advisor, instructor, and department chair.
SPED 4230  Instructional and Behavior Management Methods, P-5  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course will provide preservice candidates with practical methods  
for planning and managing group and individualized instruction in all  
curriculum areas for individuals with mild disabilities, preschool through  
grade 5. It includes review, demonstration, and preparation of programs,  
methods, and materials for such instruction in both general and special  
education classrooms. The course is part of the Special Education Block  
experience and includes a field component.  
Corequisite(s): SPED 4733.  

SPED 4231  Instructional and Behavior Management Methods, 6-12  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course will provide preservice candidates with practical methods  
for planning and managing group and individualized instruction in all  
curriculum areas for individuals with mild disabilities, grades 6 through  
der 12. It includes review, demonstration, and preparation of programs, methods,  
and materials for such instruction in both regular and special education  
classrooms. Instruction in methods for transitioning is one of the primary  
foci of this course. The course is part of the Special Education Block  
experience.  
Prerequisite(s): A minimum grade of "C" in SPED 4230 and SPED 4733.  

SPED 4333  Special Education Math Methods  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is designed to prepare the special education teacher  
candidates to teach mathematics. An emphasis is placed on instructional  
strategies, assessments, technology, materials, co-teaching,  
accommodations and evidence based practices to make mathematics  
learning meaningful and appropriate for students with disabilities.  
Prerequisite(s): Admission to the Teacher Education Program.  

SPED 4430  Family, Community and Professional Collaboration  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This seminar is designed to provide preservice teachers with knowledge of  
effective communication skills and to present models of consultation and  
collaboration for use in family, community, and professional relationships.  
The models are applied to working with families, teachers and other  
community professionals involved in the provision of services to students  
with disabilities.  
Corequisite(s): SPED 5799.  

SPED 4632  Special Education Student Teaching Seminar  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
In the Special Education Student Teaching Seminar course, students will  
analyze issues related to diverse school populations, classroom/behavior  
management, technology integration, and school law. Special emphasis  
will be placed on instructional settings, strategies, and services for diverse  
populations and school law in the public schools.  
Prerequisite(s): A minimum grade of "C" in SPED 4231 and SPED 4734.  
Corequisite(s): SPED 5799.  

SPED 4733  SPED P-5 Practicum  
3 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
This practicum course will provide an opportunity for preservice candidates  
to work within diverse P-5 classrooms to practice instructional and  
classroom management skills. In addition to special education classrooms,  
students may be placed in inclusionary settings and/or classrooms for  
students identified as being “at-risk” learners. The course is part of the  
Special Education Block experience.  
Prerequisite(s): A minimum grade of "C" in READ 4131.  
Corequisite(s): SPED 4230.  

SPED 4734  SPED 6-12 Practicum  
3 Credit Hours.  0 Lecture Hours.  20 Lab Hours.  
This practicum course will provide an opportunity for preservice candidates  
to work within diverse classrooms, grades 6 through 12, to practice  
instructional and classroom management skills. In addition to special  
education classrooms, students may be placed in inclusionary settings  
and/or classrooms for students identified as being “at-risk” learners. The  
course is part of the Special Education Block experience.  
Prerequisite(s): A minimum grade of "C" in SPED 3722 and READ 4131.  
Corequisite(s): SPED 3231, SPED 4231.  

SPED 4740  Internship I  
3 Credit Hours.  1 Lecture Hour.  1-12 Lab Hours.  
Directed field experience with students with disabilities.  
Prerequisite(s): STAT 1401 or MATH 1401.  

SPED 5030  Infants, Toddlers with Disabilities Methods  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is designed to provide the teacher candidate with the  
knowledge, skills, and dispositions necessary to be effective professionals  
in providing inclusive, culturally competent and family directed early  
treatment (EI) services for families, infants, and toddlers with disabilities  
and those at-risk for developmental delays. Course content will focus on  
curricular approaches in EI, specific intervention strategies, individual  
family service plan (IFSP) development, and curriculum planning issues. In  
addition, assistive technology will be included in the scope of intervention  
strategies and supports. Course requirements include 45 hours of field  
experience.  
Prerequisite(s): A minimum grade of "C" in SPED 3331 and CHFD 3131.  

SPED 5031  PreK and Kindergarteners with Disabilities Methods  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  
This course is designed to provide teacher candidates with the practical  
skills and techniques for working with preschool children with disabilities  
and their families with respect to cultural and linguistic differences in  
a variety of settings. Content includes curriculum models, intervention  
strategies, service delivery models, technology applications and design  
of family-directed, culturally sensitive individual education plans (IEP).  
Course requirements include 45 hours of field experience.  
Prerequisite(s): A minimum grade of "C" in SPED 3331 and CHFD 3131.  

SPED 5799  Student Teaching in Special Education  
9 Credit Hours.  0 Lecture Hours.  0 Lab Hours.  
Student teaching is a period of guided teaching practice. Under the  
direction of a clinical supervisor, candidates gradually assume increasing  
responsibility for classroom instruction and management. During this  
experience, candidates are expected to engage directly in many of the  
activities which constitute the wide range of a teacher's responsibility.  
Corequisite(s): SPED 4632.  
Cross Listing(s): SPED 5799G.  

SSCI Social Science  
SSCI 2960  Foreign Language and Culture  
1-15 Credit Hours.  0-15 Lecture Hours.  0 Lab Hours.  
Offered as part of a study abroad or global studies program. Instruction in  
language and/or culture of a foreign country or people.  

STAT Statistics
STAT 1401  Elementary Statistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
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.
Prerequisite(s): A minimum grade of "C" or better in MATH 1001 or higher.

STAT 1402  Elementary Statistics II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A continuation of STAT 1401. The focus is on inferential procedures to compare the same characteristic between two or more populations and inferential procedures to investigate the relationship between two or more variables from the same population. Topics include tests of association, regression, correlation, and analysis of variance, and use of statistical software.
Prerequisite(s): A minimum grade of "C" in STAT 1401 or MATH 1401.

STAT 2232  Introduction to Statistics II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A continuation of STAT 2231. The focus is on inferential procedures to compare the same characteristic between two or more populations and inferential procedures to investigate the relationship between two or more variables from the same population. Topics include tests of association, regression, correlation, and analysis of variance. The statistical software package SPSS is used.
Prerequisite(s): A minimum grade of "C" in STAT 1401 or MATH 1401.

STAT 3130  Applied Statistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introductory course in applied statistics for students in the natural sciences, social sciences, health and professional studies, technology, and business. The material covered will provide an introduction to statistical concepts and terminology while focusing on descriptive and inferential methods of data analysis. Both parametric and nonparametric methods are presented for the analysis of central tendency, variability, proportions, and categorical data. Topics covered also include regression and correlation.
Prerequisite(s): MATH 1111.

STAT 3211  Probability & Statistics App I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Data collection, organization and description; probability, random variables; discrete and continuous probability distributions; Central Limit Theorem; point and interval tests of hypotheses; simple linear regression and correlation.

STAT 3222  Probability & Statistics Ap II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Sampling techniques, multiple linear regression, nonparametric statistics, and MANNOVA.
Prerequisite(s): A minimum grade of "C" in MATH 2160 and STAT 3211.

STAT 3231  Mathematical Statistics I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Probability, properties of discrete and random variables, joint and conditional distributions, expectation, and transformations.

STAT 3232  Mathematical Statistics II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Central limit theorem, point and interval estimation, sampling distributions, sufficient statistics, and hypothesis testing.
Prerequisite(s): A minimum grade of "C" in STAT 3231.

STAT 3240  Experimental Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Completely randomized and randomized block designs, incomplete block designs, fixed, random, and mixed effect models, split plot designs, nested experiments, analysis of covariance, and factorial experiments.
Prerequisite(s): A minimum grade of "C" in STAT 3211 or STAT 3231.

STAT 4090  Selected Topics in Statistics
1-3 Credit Hours. 1-3 Lecture Hours. 0-2 Lab Hours.
Specialized study in a selected area of Statistics.
Prerequisite(s): Permission of instructor required.

STAT 4890  Directed Study in Statistics
1-3 Credit Hours. 1-3 Lecture Hours. 0-2 Lab Hours.
Directed study under faculty supervision. Well-prepared statistics students may be permitted to enroll in an independent study upon the recommendation of a Statistics faculty member.
Prerequisite(s): Permission of instructor and Department Chair required.

STAT 5130  Sampling and Survey Methods
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the design and analysis of sample surveys suitable for students in business, social sciences, and biological sciences in addition to the mathematical sciences. Comparison of simple random sampling, stratified, systematic, cluster and multistage sampling. Emphasis on appropriate sample type and estimation of parameters.
Prerequisite(s): A minimum grade of "C" in STAT 1401 or MATH 1401.
Cross Listing(s): STAT 5130G.

STAT 5330  Introduction to Mathematical Statistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introductory course intended to present a solid foundation in statistical theory, and, at the same time, to provide an indication of the relevance and importance of the theory in solving practical problems in the real world. Topics include, moments and moment-generating functions, point and interval estimation, test of statistical hypothesis, contingency tables and goodness-of-fit, nonparametric methods, and introduction to linear models.
Prerequisite(s): A minimum grade of "C" in MATH 3337.
Cross Listing(s): STAT 5330G.

STAT 5531  Statistical Methods I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is the first of a two course sequence in applied statistics. The material covered will provide an introduction to statistical concepts and terminology while focusing on descriptive and inferential methods of data analysis. Topics include descriptive statistics, parameter estimation, tests of significance, confidence intervals, analysis of variance, simple linear regression and correlation, and resampling methods including bootstrapping. Both parametric and nonparametric methods are presented for the analysis of central tendency, variability, proportions and categorical data.
Prerequisite(s): A minimum grade of "C" in MATH 3337.
Cross Listing(s): STAT 5531G.

STAT 5532  Statistical Methods II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This is the second of a two course sequence in applied statistics. The material covered will provide an introduction to the ideas of linear models and experimental design while focusing on methods of data analysis using regression and analysis of variance. Topics include multiple regression analysis, analysis of variance with multiple classification, analysis of covariance, repeated measures analysis of variance, multiple comparison techniques, and diagnostic procedures and transformations. Suitable for students in business administration, economics, and the social, health and biological sciences.
Prerequisite(s): A minimum grade of "C" in STAT 5531.
Cross Listing(s): STAT 5532G.
STAT 5660 Statistical Data Analytics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course will apply concepts learned in diverse areas of mathematics to
data analysis. Topics include clustering and classification, data cleaning,
text analysis and document similarities, frequent itemsets and association
rules, neural networks, support vector machines, and decision trees. This
class has a primary focus on the underlying mathematical theory, with
a secondary focus on application. Students will be introduced to R and
RStudio for data storage, manipulation, and visualization.
Prerequisite(s): A minimum grade of "C" in the following: MATH 2160,
MATH 2243, and at least one of MATH 3337 or STAT 5531.
Cross Listing(s): STAT 5660G, MATH 5660, MATH 5660G.

SUST Sustainability

SUST 4730 Practicum in Environmental Sustainability
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A practicum for the completion of the Concentration in Environmental
Sustainability. Students will work with a faculty mentor to develop and
implement sustainability projects in their field of expertise on campus or in
the community. Projects will be presented to the public at the end of the
semester in a Sustainability Symposium. The course is offered through the
Center for Sustainability at Georgia Southern.

TCGT General Technology

TCGT 1530 Global Sustainability and Innovation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course introduces students to the pivotal role of our ability to apply
scientific principles, appropriate and advancing technologies, and best
practices in establishing a sustainable global environment. The course
involves active discussion of global environmental and sustainability
issues such as pollution, conservation, and climate change.

TCGT 4090 Selected Topics in Technology
1-3 Credit Hours. 0-3 Lecture Hours. 0-6 Lab Hours.
Scheduled on an infrequent basis to explore special areas in technology
and will carry a subtitle. Keeps with established policies for offering a
structured course on an infrequent basis. It will allow faculty to offer a
course on a trial basis for possible approval at a later date.

TCLD Teach Cult Ling Div Stdnt

TCLD 4231 Cultural Diversity and ESOL/TCLD
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the major theories and research related to the nature
and role of culture in classroom instruction. Students will gain and
demonstrate understanding of how cultural groups and individual cultural
identities contribute to language and literacy development and school
achievement.
Prerequisite(s): Admission to the Teacher Education Program.

TCLD 4233 Applied Linguistics for ESOL/TCLD
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The course will address the major theories of first and second language
development. The course will examine structures and systems of English
and other languages. The course will investigate critical sociocultural
perspectives on language in use. All course elements will be applied to
community and classroom learning contexts.
Prerequisite(s): Admission to the Teacher Education Program.

TCLD 4235 Methods for Teaching ESOL/TCLD
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course will address current second language acquisition theory and
its application to curriculum development and instructional strategies.
Participants in this course will design curriculum and learning activities
that facilitate the use of English as an additional language in listening,
speaking, reading, and writing across multiple grade levels and content
areas. In addition, participants will develop strategies for integrating
school, neighborhood, and home resources to further the education of
English learners.
Prerequisite(s): A minimum grade of "C" in TCLD 4231 and TCLD
4233; and prior or concurrent enrollment with a minimum grade of
"C" in ELEM 3732 or MGED 3731 or KINS 4430 or KINS 4441;
and admission to Teacher Education Program or hold a valid teaching
certification.

TCM Construction Management

TCM 1131 Building Materials and Systems
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The materials, systems and methods of construction. Topics include
material properties, selection and application criteria and construction
processes. Covers divisions 3-9 & 31 of the CSI Master format.

TCM 1231 Introduction to Construction Management
3 Credit Hours. 0,2 Lecture Hours. 0,2 Lab Hours.
This course presents an introduction to the construction management
profession and the construction industry that it serves. It includes an
overview of industry sectors, professional organizations, and the industry's
impact on the economy. The basics of the construction process and
delivery systems will be discussed. Students will be introduced to software
that is part of the construction manager's day-to-day role. A thorough
understanding of the construction management curriculum and the various
courses will be provided.

TCM 1232 Construction Graphics
3 Credit Hours. 0,2 Lecture Hours. 0,2 Lab Hours.
This course is a study of construction drawings and specifications. It
exposes students to fundamental graphical communication knowledge
and print-reading skills. Students will also learn necessary modeling
techniques to create basic construction models and generate construction
drawings using the most cutting-edge Building Information Modeling (BIM)
tools. Topics include print reading, sketching and drafting techniques
for the presentation of floor plans, elevations, sections and building
components using BIM software.
Prerequisite(s): A minimum grade of "C" in TCM 1231 and MATH 1112
or MATH 1113 or MATH 1441.

TCM 2233 Construction Surveying
3 Credit Hours. 0,2 Lecture Hours. 0,2 Lab Hours.
Introduction to the equipment and techniques used for construction
surveying, including measurement of distances, horizontal and vertical
angles, and differences in elevation. Emphasis is placed on accuracy
of measurements, precise operation of instruments, completeness in
laboratory exercises, and accurate field notes.
Prerequisite(s): A minimum grade of "C" in TCM 1232 or ENGR 1133
and MATH 1112 or MATH 1113 or prior or concurrent enrollment in
MATH 1441.
Cross Listing(s): CENG 2231.
TCM 2234  Mechanical and Electrical Equipment and Systems
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course includes a study of mechanical and electrical equipment and systems as related to the construction industry. The course is composed of three basic parts. Part one addresses available energy sources, thermoflow and ventilation characteristics, air handling systems, and mechanical codes. Part two addresses domestic water and waste systems, fire sprinklers and stand pipe systems and plumbing codes. Part three addresses electrical power, lighting and communication systems and electrical codes.
Prerequisite(s): A minimum grade of "C" in TCM 1232 or ENGR 1133 and PHYS 1111 or PHYS 2211 or permission of instructor.

TCM 2235  Introduction to Structures
3 Credit Hours.  0.2 Lecture Hours.  0.2 Lab Hours.
This course introduces students to the theory of structural analysis and design and its application to construction. Topics include analysis of coplanar force systems, analysis of trusses and frames, friction, centroids and moment of inertia, stresses and strains, properties of materials, bending, shear, deflections in beams, combined stresses and analysis of columns.
Prerequisite(s): A minimum grade of "C" in PHYS 1111 or PHYS 2211.

TCM 2333  Building Information Modeling for Construction Management
3 Credit Hours.  0.2 Lecture Hours.  0.2 Lab Hours.
Introduction to Building Information Modeling (BIM). This course highlights the merits of BIM in promoting productivity and profitability in the construction industry. Topics include the history of information modeling technology and its impacts on construction industry; major BIM software applications and basic modeling techniques; application of BIM authoring and analysis skills for construction projects. The course emphasizes hands-on modeling skills and the utilization of BIM technology to solve construction project problems.
Prerequisite(s): A minimum grade of "C" in TCM 1232 or ENGR 1133 and MATH 1112 or MATH 1113 or prior or concurrent enrollment in MATH 1441.

TCM 2430  Construction Safety
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course includes a study of safe construction practices. Topics include workers' compensation insurance, OSHA regulations, construction disasters, safe construction training and planning, and the hidden costs of accidents. Students are highly encouraged to obtain the OSHA 30-hour safety card as part of this course.

TCM 3231  Steel Structures
3 Credit Hours.  0.2 Lecture Hours.  0.2 Lab Hours.
This course explores the means and methods used in the construction of structural systems with a primary focus on steel structures. The course presents topics on the fundamental material properties and strengths of structural steels and on the purposes of different structural elements (beams, columns, shear and moment connections, splices, braces, composite slabs, gusset plates, bolts, anchor rods, shear studs, welds, stiffeners, etc.) The course additionally presents a description of the design methods in steel structures and construction of various structural systems.
Prerequisite(s): A minimum grade of "C" in TCM 1232 or ENGR 1133 and TCM 2235 or TCM 2240.

TCM 3232  Concrete and Masonry Structures
3 Credit Hours.  0.2 Lecture Hours.  0.2 Lab Hours.
This course discusses the means and methods used in the construction of structural systems with emphasis on concrete and masonry structures. The course presents topics on the fundamental properties and characteristics of concrete, concrete mix, strengths, design and construction of concrete formwork, concrete reinforcing, placing, testing, masonry materials and construction of various structural systems.
Prerequisite(s): A minimum grade of "C" in TCM 1232 or ENGR 1133 and TCM 2235.

TCM 3330  Quantity Estimating
3 Credit Hours.  0.2 Lecture Hours.  0.2 Lab Hours.
Construction estimating with emphasis on quantity take-off and specifications, including techniques of interpreting a visualizing construction drawings.
Prerequisite(s): A minimum grade of "C" in TCM 1131 and prior or concurrent enrollment in TCM 3231 or TCM 3232 or approval of the instructor.

TCM 3331  Construction Finance
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course introduces the long-term contract methods for recognizing revenue and their impact on construction company financial statements. The course also covers the analysis of construction company financial statements and their use in developing budgets, project cash needs, pricing construction projects, and forecasting the impact of business decisions on profit. The project cost control and the contract delivery methods are also discussed, along with ethical guidelines for professional conduct and code of ethics.
Prerequisite(s): A minimum grade of "C" in ECON 2105 and ACCT 2030.

TCM 3332  Construction Equipment Management
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
The various aspects of heavy equipment management and ownership. Topics include equipment acquisition and disposition options, production costs and productivity, cost analysis and control, management staffing and responsibilities, selected topics in maintenance, depreciation and economic life.
Prerequisite(s): A minimum grade of "C" in MATH 1112, MATH 1113, MATH 1441.
Cross Listing(s): TCM 3332S.

TCM 3333  Building Codes
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.
This course includes a study of codes applicable to the construction industry with emphasis on the Standard Building Code. An introduction to construction related federal regulations with an emphasis on labor related issues; construction labor unions and the collective bargaining process.
Prerequisite(s): A minimum grade of "C" in TCM 1231.

TCM 3890  Special Problems in Construction
1-4 Credit Hours.  1-4 Lecture Hours.  0-4 Lab Hours.
Individualized study in the area of building construction and contracting not otherwise available in the student's program.
Prerequisite(s): Permission of instructor 6 weeks prior to term course will be taken.

TCM 4090  Selected Topics in Construction
1-3 Credit Hours.  1-3 Lecture Hours.  0-2 Lab Hours.
Scheduled on an infrequent basis to allow the exploration of undergraduate topics within building construction and contracting. Course shall carry a subtitle for topic identification.
Prerequisite(s): Permission of instructor.

TCM 4432  Construction Administration
3 Credit Hours.  0.2 Lecture Hours.  0.2 Lab Hours.
Terms, documents and operations inherent in building construction management. Topics include business ownership, company organization, project bidding/negotiating methods, construction contracts, bonds, insurance and accounting.
Prerequisite(s): A minimum grade of "C" in TCM 3331 and Junior status.
TCM 4434 Soils and Foundations
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
The site development construction process with an emphasis on soils as a construction material. Topics include soils investigation, testing, classification, engineering properties and modification techniques, excavation equipment, construction dewatering, slope stability and support, layout and grade staking, sediment and erosion control, foundations, underground utilities and pavements.
Prerequisite(s): A minimum grade of "C" in TCM 3332 and TCM 2233 or CENG 2231.

TCM 4518 Introduction to Senior Project
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.
Introduction to Senior Project is the first component of the senior project series of two courses dedicated to the successful completion of a final project deliverable. This first course introduces students to contemporary construction management considerations and professional practice in a global, economic, environmental, and societal context. This course prepares students to function on multi-disciplinary teams while completing preliminary tasks required for a larger capstone project.
Prerequisite(s): A minimum grade of "C" and prior or concurrent enrollment in COMM 1110 and STAT 1401 or BUSA 3131 and Senior Standing and Approval of Department Chair.

TCM 4530 Senior Project
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course includes an exercise in project management, including estimating and scheduling from construction documents of a project. The assigned project includes developing a fictitious organization, production of a project estimate and schedule and preparing a construction bid and other construction documentation.
Prerequisite(s): A minimum grade of "C" in TCM 4518 TCM 5431 and TCM 5433.

TCM 4710 Construction Internship
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
This course is designed for students to receive practical work experience with an approved construction employer. A minimum of 400 documented contact hours of employment with the selected construction employer are required.
Corequisite(s): COOP 4090F.

TCM 4730 Experiential Learning in Construction Management - COOP
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course provides an opportunity for Construction Management students to participate in experiential, Cooperative Education, and receive practical work experience with a pre-approved construction management employer. A minimum total of 400 documented contact hours of employment per work assignment with the selected construction employer are required for course credit.
Prerequisite(s): Completion of TCM 2233.

TCM 5330 Green Building and Sustainable Construction
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course is a study of advanced topics in green construction beginning with the philosophy behind sustainability related technology and its implementation. The course provides a thorough expansion on LEED (Leadership in Energy and Environmental Design) core concepts including construction and design for sustainable sites, water efficiency, energy & atmosphere, materials & resources, indoor environmental quality and innovation and design. The course also examines sustainable construction methodologies and their associated environmental impacts.
Prerequisite(s): A minimum grade of "C" in TCM 1131, TCM 2234 or permission of instructor.
Cross Listing(s): TCM 5330G.

TCM 5333 Building Information Modeling
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
This course is an introduction to building information modeling (BIM). It highlights the strength of BIM in promoting productivity and profitability in civil engineering and construction. Topics include the history of information modeling technology and its impacts on civil engineering and construction; popular software applications and basic modeling techniques; and implementation of BIM authoring and analysis tools for project delivery. Emphasis is placed on hands-on modeling techniques, and problem-solving using modern BIM technologies.
Prerequisite(s): A minimum grade of "C" in TCM 1232 or ENGR 1133.
Cross Listing(s): TCM 5333G.

TCM 5431 Construction Cost Estimating
3 Credit Hours. 0.3 Lecture Hours. 0.1 Lab Hours.
This course includes methods and procedures for estimating costs of construction projects. Topics include types and purposes of estimates, direct and indirect costs, labor and equipment cost analysis, the CSI Masterformat, approximate estimates, and computerized estimating methods.
Prerequisite(s): A minimum grade of "C" in TCM 3330, TCM 3331 or permission of instructor.
Cross Listing(s): TCM 5431G.

TCM 5433 Proj Planning/Scheduling
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course covers the fundamentals and techniques of planning and scheduling for construction projects. Topics include bar charts, Critical Path Method using both arrow and node networks, precedence networks, cost-time trade-offs, PERT, resource leveling, updating schedules during construction, project control, earned value method, lean construction principles and practices, and computerized scheduling techniques.
Prerequisite(s): A minimum grade of "C" in TCM 1232 and STAT 1401 or BUSA 3131 or permission of instructor.
Cross Listing(s): TCM 5433G, TCM 5431G.

THEA Theatre

THEA 1100 Theatre Appreciation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introductory study of theatre as an art form and practical act, this course provides students with a foundation for the understanding and analysis of the theatrical event.

THEA 2300 Script Analysis
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A foundation course for all theatre majors, this course will cover effective methods for script analysis as the building block for work as an actor, director, or designer. Recommended for MMFP students.

THEA 2332 Stagecraft
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Systematic introduction to the fundamentals of technical requirements of various entertainment styles. The course relies heavily on hands-on instruction with the tools, techniques, and materials used in mounting stage, television, and film productions.

THEA 2333 Acting I: Fundamentals of Acting
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Acting I: "Fundamentals of Acting" includes history of actor training, the influence of Stanislavsky, the playing of objectives, character development, and rehearsal discipline. Student work includes performance of scenes and monologues from contemporary drama.

THEA 2410 Oral Interpretation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Oral interpretation of poetry, prose and drama. Methods of literary analysis and vocal techniques needed to communicate an author's mood and meaning.
**THEA 2711 Theatre Practicum**
3 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
Provides students with practical experiences in the production process. Students work onstage or backstage in a faculty-approved capacity and obtain practical industry knowledge.

**THEA 3030 Selected Topics in Theatre**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Offers varied courses in specialized areas in the field of theatre. Repeatable for credit.

**THEA 3131 Stage Makeup**
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Offers students an introduction to make-up materials and techniques of application, including aging, wounds, prosthetics, and other types of make-up. Techniques will be applied to student-designed projects.
**Prerequisite(s):** A minimum grade of "C" in THEA 2300 or permission of Instructor.

**THEA 3200 Stage Design Concepts**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course develops the artistic and analytic processes of stage design. Students will develop skills in conceptualizing and both visually and verbally communicating theatrical designs.
**Prerequisite(s):** A minimum grade of "C" in THEA 2300 and THEA 2302 or permission of instructor.

**THEA 3230 Voice for the Stage**
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Introduces students to fundamental vocal training techniques; including breath control and projection, alignment, articulation, scansion, and use of the International Phonetic Alphabet.
**Prerequisite(s):** A minimum grade of "C" in THEA 2300 or permission of Instructor.

**THEA 3231 Movement for the Actor**
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course introduces students to various movement techniques. These techniques are intended to increase the individual's ability to inhabit the physicality of the character. Each time the course is offered, it will pursue a specific technique or combination of techniques that will be determined by the instructor of the class. These may include: Stage Combat, Commedia, Neutral Mask, Grotowski, Drozin, Suzuki, Laban and Viewpoints. May be repeated once for credit.
**Prerequisite(s):** A minimum grade of "C" in THEA 2333 or permission of Instructor.

**THEA 3233 Audition and the Business of Acting**
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Designed to develop audition skills needed for graduate school and professional auditions. Topics will include monologue selection and preparation, cold readings, sight reading, and scene preparation. In addition, students will learn about headshots, resumes, unions, and the business side of the theatre profession.
**Prerequisite(s):** A minimum grade of "C" in THEA 2333.

**THEA 3234 Acting for the Screen**
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Students will learn acting for screen performance techniques with particular focus on film acting. Auditioning, screen tests, and casting will also be discussed. Students will perform in a minimum of two scenes for video.
**Prerequisite(s):** A minimum grade of "C" in THEA 2333 or permission of instructor.

**THEA 3330 Acting II: Scene Study**
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Broadens student understanding of the craft of acting, with emphasis placed on character study and development of performance skills.
**Prerequisite(s):** A minimum grade of "C" in THEA 2333 or Permission of Instructor.

**THEA 3332 African American Theatre**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Investigates the contributions of black playwrights, actors, and directors to American theatre.
**Cross Listing(s):** AAST 3332.

**THEA 3333 Irish Theatre**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course critically interrogates Ireland’s native and diasporic theatre, from the Restoration period through the present. It examines the national-theatre movement, especially the Abbey Theatre, and assesses other Irish theatre companies, as well as Irish playwrights, directors, and actors.

**THEA 3336 Theatre Management**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Provides students with an introductory study of the principles and practices of theatrical management including budget planning, box office, publicity, royalties and other aspects of management. Provides a systematic examination of the role of the theatre stage manager.
**Prerequisite(s):** A minimum grade of "C" in THEA 1100 or permission of Instructor.

**THEA 3337 Play Directing**
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
This course instructs students and allows practice in staging techniques, textual analysis, conceptualization, communication with actors and designers, issues in casting, and rehearsal techniques as applied to directing for the theatre.
**Prerequisite(s):** A minimum grade of "C" in THEA 2300 or permission of Instructor.

**THEA 3338 Rehearsal and Performance**
1-3 Credit Hours. 1-3 Lecture Hours. 0 Lab Hours.
This course will enable a student to receive credit for intensive participation in a theatrical production over the course of a 4-to-7 week period. The student will participate in a number of different activities: acting, set design and construction, costume design and construction, lighting design and implementation, publicity, stage management, property design and construction, house management, and others.

**THEA 3500 Musical Theatre Voice**
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Fundamental vocal training and introduction to the musical theatre repertoire.
**Prerequisite(s):** THEA 1100 or permission of instructor.

**THEA 3501 Musical Theatre Voice II**
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Continues vocal training and development of musical theatre repertoire.
**Prerequisite(s):** A minimum grade of "C" in THEA 3500 or permission of instructor.

**THEA 3503 Creative Dramatics**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Exploration of the various elements which make up a dramatic event, such as improvisational-based acting and story telling.
**Prerequisite(s):** A minimum grade of "C" in THEA 2333 or permission of instructor.

**THEA 3504 Musical Theatre Dance Choreography**
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The study and practice of musical theatre choreography, including historical survey of musical theatre and methodology of staging dances. The class will cover the styles of prominent musical theatre choreographers.
**Prerequisite(s):** A minimum grade of "C" in THEA 2333 or permission of instructor.
THEA 3505 Theatre Dance Techniques
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Development of physical proficiency in the performance of basic theatre dance concepts.
Prerequisite(s): A minimum grade of "C" in THEA 2333 or permission of instructor.

THEA 3506 Theatre Management II: Marketing the Arts
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Emphasis is on audience analysis and development. Publicity, promotions, and marketing tools examined.
Prerequisite(s): A minimum grade of "C" in THEA 2336 or permission of instructor.

THEA 3509 Play Production
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Prerequisite(s): A minimum grade of "C" in THEA 1100 or THEA 2300 or permission of Instructor.

THEA 3510 Film and Literature
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Relationship between film and literature with special emphasis on the adaptation of literature into film.
Prerequisite(s): ENGL 2100.

THEA 3711 Practicum: Professional Development
1 Credit Hour. 0 Lecture Hours. 0 Lab Hours.
This course is designed to guide upper-division theatre majors in refining their focus(es) in theatre practice (acting, directing, design/technology, dramaturgy, or another area). This course will emphasize preparation of portfolios appropriate to the student's area of focus. In addition, students will identify and pursue graduate, internship, and/or professional opportunities.
Prerequisite(s): A minimum grade of "C" in THEA 2711 or permission of Instructor.

THEA 3760 Scene Painting
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the principles of scene painting, emphasizing the fundamentals of professional techniques standard to professional industry. Topics include faux treatments such as wood graining and stonework.

THEA 3850 Problems in Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Exploration of unique approaches to scenic design. Environmental spaces, drop productions, designing for the round to be covered.
Prerequisite(s): A minimum grade of "C" in THEA 2332.

THEA 4030 Children's Theatre Tour
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Study of production elements and practical experience in producing, performing, and touring children's theatre. Elements include script selection and editing, adaptation to match audience age, etc.
Prerequisite(s): A minimum grade of "C" in THEA 2410 or THEA 2333 or THEA 3503.

THEA 4040 Stagecraft II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Exploration of unique material and techniques in execution of scenic designs.

THEA 4330 Theatre History I: Origins to 1700
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course surveys the development of theatrical practice and dramatic literature from its origins to around 1700. The history of acting, directing, stage design, production methods, and the physical spaces of theatre will be addressed, in addition to the examination of representative play texts. This course will include the study of ritual and Non-Western theatrical genres.
Prerequisite(s): A minimum grade of "C" in THEA 2300 or Permission of Instructor.

THEA 4331 Theatre History II: 1700 to Contemporary
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course surveys the development of theatrical practice and dramatic literature from 1700 to emerging 21st century patterns. The history of acting, directing, stage design, production methods, and the physical spaces of theatre will be addressed, in addition to the examination of representative play texts.
Prerequisite(s): A minimum grade of "C" in THEA 2300 or Permission of Instructor.

THEA 4332 Children's Theatre and Storytelling
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines play theory, storytelling, and creative drama techniques for the staging of plays with and for children.

THEA 4333 Acting III: Styles
3 Credit Hours. 2 Lecture Hours. 2 Lab Hours.
Specialized study of the techniques needed to perform in a particular style of theatre or in the work of a particular playwright. Topics may include Shakespeare and verse drama, Brecht and Epic theatre, Restoration Comedy and theatre of the Absurd. May be repeated once for credit.
Prerequisite(s): A minimum grade of "C" in THEA 2333; or Permission of Instructor.

THEA 4334 Drama in Performance
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the relationship between the play in performance and the dramatic text, with special attention to historical and social contexts that influence the text in production.

THEA 4335 Scene Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Emphasizes interpretation of plays through visual images and the creation of physical spaces for performances. Includes computer assisted design technologies, scale model making, perspective drawing and rendering of the set.
Prerequisite(s): A minimum grade of "C" in THEA 2300 and THEA 3200; or permission of Instructor.

THEA 4336 Lighting Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Theory and practice of lighting for a variety of stages including proscenium, thrust, and arena stage production. A practical study of the equipment and the aesthetics of lighting for the theatre.
Prerequisite(s): A minimum grade of "C" in THEA 2300 and THEA 3200.

THEA 4337 Costume Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides students with an in-depth survey of the theory and practice of costume design. The course relies on textual analysis to create character through clothing, introduces students to the aesthetic principles of costume design, develops basic figure drawings and color media skills, and applies those skills and principles via the creation of costume renderings.
Prerequisite(s): A minimum grade of "C" in THEA 2332 and THEA 2300.
THEA 4338 Seminar: World Theatre
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on a specific genre, historical period, or style of
theatre from around the world, based on the expertise of the faculty.
Course topics include: People's Theatre, Russian Theatre, Asian Theatre,
Classical Greek and Roman Theatre, Neo-classical Theatre. Repeatable
for credit.
Prerequisite(s): A minimum grade of "C" in THEA 2300 or Permission
from Instructor.

THEA 4430 Acting for the Screen II: Advanced Techniques
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A continuation of techniques and methods used in camera acting.

THEA 4500 Advanced Lighting Design
3 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
Advanced study in lighting design, focusing on the development of
standard industry paperwork including light plots and supporting
paperwork such as magic sheets.
Prerequisite(s): A minimum grade of "C" in THEA 3200 and THEA
4336 or permission of instructor.

THEA 4501 Stagecraft II
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Exploration of unique material and techniques expected of trained
production technicians for stage, television and film productions.
Prerequisite(s): A minimum grade of "C" in THEA 2302 and THEA
3200 or permission of instructor.

THEA 4503 Stage Managers and Designers Lab
2 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
Practical experience in stage management, set, light and costume design.
Course repeatable to a maximum of six (6) credit hours.

THEA 4505 Acting IV: Shakespearean Styles
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Characterization and styles of acting for Shakespearean performances.
Emphasis on development of performance skills.
Prerequisite(s): A minimum grade of "C" in THEA 2333 or Permission
from Instructor.

THEA 4711 Practicum: Capstone
1 Credit Hour. 0 Lecture Hours. 2 Lab Hours.
Students identify and pursue post-graduation, early-career opportunities.
Prerequisite(s): A minimum grade of "C" in THEA 3711 or permission of
Instructor.

THEA 4750 Internship
1-12 Credit Hours. 0-12 Lecture Hours. 0-12 Lab Hours.
Offered by specific arrangement. Student prepares an individually
designed project involving off-campus work/study research. Only three (3)
credit hours count as a major elective.
Prerequisite(s): permission of instructor.

THEA 4831 Directed Study in Theatre
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Permits students to conduct in-depth study of issues associated with
theatre. This course cannot be used to replace existing courses in the
catalog. Must be approved by the department chair and the instructor.

THEA 4980 Directing Lab
2 Credit Hours. 0 Lecture Hours. 2 Lab Hours.
Hands on experience of directing duties for mounting full-length stage
production from script selection through to public performance.
Prerequisite(s): A minimum grade of "C" in THEA 3337.

THEA 5530 Playwriting
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course involves the study, analysis, and practice in the art and craft of
writing plays for the stage. Undergraduates complete a one act play while
graduate students complete a first draft for a full length play.
Prerequisite(s): A minimum grade of "C" in THEA 2300 or Permission
from Instructor.
Cross Listing(s): THEA 5530G.

THEA 5550 Playwriting
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course involves the study, analysis, and practice in the art and craft of
writing plays for the stage. Undergraduates complete a one act play while
graduate students complete a first draft for a full length play.
Prerequisite(s): A minimum grade of "C" in THEA 2300 or Permission
from Instructor.

TMAE Applied Engineering

TMAE 5131 Essentials of Applied Mechanical Engineering
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
This is a course for students with no mechanical engineering experience.
The principles of engineering mechanics are developed from a work/
energy point of view. Survey topics include a review of the fundamentals
of mechanics, elastic behavior of materials, stress-strain relationships and
measurements, elasticity theory, stability, dynamics, and vibration theory.
Prerequisite(s): Permission of Instructor.
Cross Listing(s): TMAE 5131G.

TMAE 5132 Essentials of Applied Electrical Engineering
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
This is a course for students with no electrical engineering experience.
Survey topics include electrical energy sources, DC circuits, resistive
networks, network theorems, inductance, capacitance, natural and
step responses of RL, RC, and RLC circuit, sinusoidal steady state
analysis, Three-phase circuits, computer circuit analysis, non-linear, active
components such as diodes, transistors (both bipolar and MOSFET), and
operational amplifiers.
Prerequisite(s): Permission of Instructor.
Cross Listing(s): TMAE 5132G.

TMAE 5133 Production Planning and Facilities Design
3 Credit Hours. 3 Lecture Hours. 1 Lab Hour.
The methods used to plan and control the efficient and effective use of
equipment, tooling, people, materials, and other resources to manufacture
products. This will lead to the examination of the fundamental theories,
practices, and methods for the design of manufacturing and service
facilities to enable productive flow of goods and services. Emphasis is
placed on applied exercises utilizing spreadsheet and CAD software that
culminate in a semester project.
Prerequisite(s): MENG 3333 or Permission of Instructor.
Cross Listing(s): TMAE 5133G.

TMAE 5134 Lean World Class Manufacturing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A comprehensive study of Lean Manufacturing Engineering technology
and systems. Topics include key customer-focused, waste-reducing
elements of Just-In-Time Production, Total Quality Control, Total
Productive Maintenance, and Total Employee Involvement. Traditional
manufacturing methods are contrasted with modern lean methods and
the tools that facilitate their implementation. Students will study real world
elements including quick-change tool designs, kanban systems, and
factory layout conversions.
Prerequisite(s): A minimum grade of "C" in MENG 3333 or MFGE
3531.
Cross Listing(s): TMAE 5134G.

TMAE 5139 Renewable Energy
3 Credit Hours. 0.2 Lecture Hours. 0.2 Lab Hours.
The design, operation, and environmental and socio-economic impact
of renewable energy systems will be presented with an engineering
emphasis. Additionally, cycle evaluation and analysis of the renewable
energy systems, the efficiency and power output of renewable energy
systems, their benefits and costs will be determined.
Prerequisite(s): A minimum grade of "C" in MENG 3233 or permission
of instructor.
Cross Listing(s): TMAE 5139G, MENG 5139, MENG 5139G.
TMAE 5890 Selected Topics in Applied Engineering
1-3 Credit Hours. 1-3 Lecture Hours. 0-2 Lab Hours.
This course is scheduled on an infrequent basis to explore special areas in applied engineering.
Prerequisite(s): Permission of Instructor.
Cross Listing(s): TMAE 5890G.

TSEC Manufacturing Technology

TSEC 5334 Hazardous Waste Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of hazardous waste substances as they are created by various industries and their proper management by combining planning, organizing, and controlling techniques with a knowledge of generating, storing, transporting, treating, recycling and disposing of hazardous materials. Issues of environmental impact, regulatory compliance, ethics, and program management are discussed from a technical management perspective.
Cross Listing(s): TSEC 5334G.

TSEC Systems Safety in Manufacturing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the application of systems safety concepts to manufacturing and production systems. Emphasis is placed on the critical analysis of systems through modeling and the development of control strategies to reduce the frequency and severity of industrial accidents.
Cross Listing(s): TSEC 5335G.

TSEC Environmental Law
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of hazardous waste substances as they are created by various industries and their proper management by combining planning, organizing, and controlling techniques with a knowledge of generating, storing, transporting, treating, recycling and disposing of hazardous materials. Issues of environmental impact, regulatory compliance, ethics, and program management are discussed from a technical management perspective.
Cross Listing(s): TSEC 5336G.

TSEC Safety and Environ Compl

TSEC Occupational Safety
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The technical aspects of developing and implementing occupational safety programs in manufacturing industries. Emphasis on hazard identification and control. Topics include: OSHA compliance, accident investigation, fire protection, machine guarding, noise abatement, and electrical safety.
Cross Listing(s): TSEC 5331G.

TSEC Ergonomics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The human machine interface in manufacturing industries as it relates to the well-being of workers and efficiency of production systems. The application of human factors from both physiological and psychological perspectives are examined. Emphasis is placed on regulatory compliance.
Cross Listing(s): TSEC 5332G.

TSEC Industrial Hygiene and Ergonomics
3 Credit Hours. 0.3 Lecture Hours. 0.1 Lab Hours.
A study of the techniques used by health and safety professionals to anticipate, recognize, evaluate, and control those environmental factors or stresses arising in or from the workplace that adversely effect an employee's health, comfort, and performance. Ergonomic tool and work area design and work procedures are emphasized. Regulatory agencies, compliance, and program management issues are discussed.
Cross Listing(s): TSEC 5333G.

TMFG Manufacturing Technology

TMFG Automated Manufacturing Systems
3 Credit Hours. 0.2 Lecture Hours. 0.3 Lab Hours.
Computer Integrated Manufacturing (CIM) concentrating on advanced computer numerical control machining, and the interface of robotics systems in manufacturing. Experiences using programming techniques, production equipment simulations and rapid prototyping are emphasized.
Prerequisite(s): ENGR 1133.
Cross Listing(s): TMFG 5133G.

TMFG International Manufacturing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of opportunities, issues, and problems involved in manufacturing products for import and export, and in dealing with global suppliers of materials, parts, and assemblies. Focus is on those aspects unique to the management of technical operations, such as ISO (International Organization for Standardization) quality standards, scheduling, and technology transfer. Additional topics may include transportation, customs documentation, global trends and trade policies, and cultural issues.
Cross Listing(s): TMFG 5230G.

TMFG Manufacturing Applications in Information Technology
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A senior level seminar emphasizing the application of commercially available software to solve manufacturing production problems. Topics include Theory of Constraints, Failure Mode and Effect Analysis, Flow Charting, and Project Management.
Cross Listing(s): TMFG 5233G.

WBIT Web BSIT

WBIT Introduction to Information Technology
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course is an introductory course in information technology. Topics include foundation in hardware, software, data, and an overview of the information technology in organizations. Additional topics include structured programming techniques, systems development, database design and networking, with an emphasis on appropriate business ethics, interpersonal skills and team building.
Prerequisite(s): A minimum grade of "C" in WBIT 1100.

WBIT Programming and Problem Solving I
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course helps students to develop basic problem-solving skills using the Java programming language. Students are introduced to fundamentals of Java programming language with emphasis on primitive data types, control structures, methods, arrays, classes, objects, abstraction, inheritance and polymorphism. Students learn basic techniques of good programming style, design, coding, debugging, and documentation. Students are able to create programs to solve basic practical problems.
Prerequisite(s): A minimum grade of "C" in WBIT 1100.
WBIT 2300 Discrete Mathematics for IT
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Discrete (as opposed to continuous) mathematics is of direct importance to the fields of Computer Science and Information Technology. This branch of mathematics includes studying areas such as set theory, logic, relations, graph theory, and analysis of algorithms. This course is intended to provide students with an understanding of these areas and their use in the fields of Computer Science and Information Technology.
Prerequisite(s): A minimum grade of "C" in MATH 1113 or MATH 1232 or MATH 1441.

WBIT 2311 Programming and Problem Solving II
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The emphasis of this course is on advanced programming techniques in Java including GUI's, software reuse through component libraries, recursion, event-driven programming, database processing, file processing, and exception handling. Students are able to create event-driven, graphical programs or text-based programs solving practical problems incorporating databases and external files.
Prerequisite(s): A minimum grade of "C" in WBIT 1310 and WBIT 2300.

WBIT 3010 Technical Communication
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course covers workplace communication at the intermediate level. Topics include audience analysis, research proposal and report writing, document and visual design, editing and presentation design.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

WBIT 3110 Systems Analysis and Design
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course introduces the fundamental principles of the design and analysis of IT applications. In this course, students will learn to apply the tools and techniques commonly used by systems analysts to build and document IT applications. Classical and structured tools for describing data flow, data structure, process flow, file design, input and output design, and program specification will be studied, as well as object-oriented techniques.
Prerequisite(s): A minimum grade of "C" in WBIT 1310 and WBIT 2000.

WBIT 3111 Information Technology Project Management
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Project management techniques and tools as applied to information systems projects including resource and personnel management and allocation, product testing, scheduling, and project management software. Students will study examples of both successful and unsuccessful projects and apply lessons learned to a class project.
Prerequisite(s): A minimum grade of "C" in WBIT 3110 and WBIT 3010 and STAT 1401.

WBIT 3200 Database Design, Development and Deployment
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This is an advanced course in database design, development and deployment. Course emphasizes database design drawing distinctions between data modeling and process modeling using various modeling techniques including Entity-Relationship Modeling, Object Modeling and Data Flow Diagramming; database development using the relational model, normalization, and SQL; database deployment including control mechanisms, forms, reports, menus and web interfaces. Additional topics include procedures, functions, packages and triggers. Students will design, create and process a database to demonstrate competency in the course content.
Prerequisite(s): A minimum grade of "C" in WBIT 2311.

WBIT 3400 Introduction to Multimedia
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course covers the basic design principles and tools for creating and editing digital media elements. Examples of these elements include graphics, animation, audio, video, virtual space and simulation.

WBIT 3410 Web Applications Development
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The course provides a survey of techniques and tools for developing basic web pages for delivery of text and graphic information; focus on page markup languages, client-side scripting, page design principles, page layout techniques, markup language syntax, and page styling methods.
Prerequisite(s): A minimum grade of "C" in WBIT 1100.

WBIT 3500 Architecture and Operating Systems
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course introduces students to the architectures of computer systems and the operating systems that run on them. It explores and gives experience with some common computer designs and operating systems. Topics include basic computer architecture, instruction set architecture, memory, memory management, processes, and file systems.
Prerequisite(s): A minimum grade of "C" in WBIT 1310.

WBIT 3510 Data Communications and Networking
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course covers computer network and communications concepts, principles, components, and practices; coverage of common networking standards, topologies, architectures, and protocols; design and operational issues surrounding network planning, configuration, monitoring, troubleshooting, and management.
Prerequisite(s): A minimum grade of "C" in WBIT 3500.

WBIT 3600 Introduction to E-Commerce
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
The emphasis of this course is on basic principles and practices of E-business and E-commerce. Topics include infrastructures and applications of Ecommerce, E-Tailing, E-Marketing, advertisement, B2B, B2C, C2C, E-Government, M-Commerce, E-Learning, electronic payment systems, security, and legal issues. Students also learn to build simple dynamic Ecommerce sites using server-side scripting.
Prerequisite(s): A minimum grade of "C" in WBIT 3110 and WBIT 3410.

WBIT 4020 Professional Practices and Ethics
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
This course covers historical, social, economic, and legal considerations of information technology. It includes studies of professional codes of ethical conduct, philosophy of ethics, risk analysis, liability, responsibility, security, privacy, intellectual property, the internet, and various laws that affect an information technology infrastructure.
Prerequisite(s): Senior standing.

WBIT 4030 Senior Project
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A capstone course for WebBSIT majors. Students will be expected to complete a final team or individual project. The project may be an approved industry internship or a project developed and designed by faculty of the WebBSIT. Students will apply skills and knowledge from previous WebBSIT courses in project management, system design and development, digital media development, eCommerce, database design, and system integration.
Prerequisite(s): Senior standing.

WBIT 4112 Systems Acquisition, Integration and Implementation
3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Most IT applications used by organizations are configured from components that have been purchased from third-party vendors. This includes both hardware components and, increasingly, software components. In this course, students will study the component acquisition process, and methods and techniques for integrating these components into an existing IT infrastructure.
Prerequisite(s): A minimum grade of "C" in WBIT 3110 and WBIT 3200 and WBIT 4520.
WGSS 2100 Introduction to Women's, Gender, and Sexuality Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Intersectional approach to introduce contemporary issues and historical, social, and theoretical contexts of women's, gender, and sexuality studies.

WGSS 2200 Gender in Global Contexts
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Interdisciplinary examination of global gender, race, class, and sexualities across cultural boundaries within social, historical, and theoretical contexts.

Prerequisite(s): ENGL 1101.

WGSS 3510 Gender, Violence and Society
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An overview of gender-based violence domestically and internationally. Students will analyze the political and cultural structures that perpetuate gendered violence, and explore how gendered violence intersects with race, class, and sexuality.

Prerequisite(s): SOCI 1101 or WGSS 2100.

Cross Listing(s): SOCI 3510.

WGSS 4700 WGSS Internship
3 Credit Hours. 0 Lecture Hours. 1-18 Lab Hours.
Individually designed project involving off campus study and research with an appropriate agency. Project may be completed in one semester, during which time the student will be under joint supervision of the sponsoring agency and the faculty supervisor. Upon completion of the internship the student will present a multi-modal presentation reflecting on the experience. Limited to WGSS majors.

Prerequisite(s): WGSS 2100 and WGSS 2200 and Area C.

WGSS 4900 WGSS Junior/Senior Seminar
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
Advanced critical analysis methodology, and reflection on their course of study. Final research project required. Course required for WGSS majors.

Prerequisite(s): WGSS 2100 and WGSS 2200 and Area C.

WGSS 5000 Topics in Women's, Gender, and Sexuality Studies
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Special topics in WGSS. May be Cross Listing(s): selected upper-level courses in the university curriculum when content of those courses addresses issues related to WGSS. May be repeated for credit with different topics.

Prerequisite(s): WGSS 2100 or WGSS 2200 and Area C or permission of instructor.

WGSS 5500 Topics in Women's Leadership
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examination of the basic themes of leadership through the lens of intersectionality. The course will address styles of leadership, globalization and women's roles, under representation, the gender gap, and the roles of gender, race, sexualities, and class.

Prerequisite(s): WGSS 2100 or WGSS 2200 and Area C.

WGSS 5600 Sociology of Gender
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the social construction of gender and gender inequality in society.

Prerequisite(s): SOCI 1101 or POLS 1105 or WGSS 2100.

Cross Listing(s): SOCI 6635.

WGSS 5700 Perspectives in Feminist Theory
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An historical and contemporary examination of feminist theories from an interdisciplinary and global perspective.

Prerequisite(s): WGSS 2100 or WGSS 2200 and Area C.

WGST Women and Gender Studies

WGST 3137 Topics in U.S. Women's History
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the experiences of women in the United States from colonial times to the present within the overall framework of American history. Explores the impact of major historical events on women; the contributions of women to the social, political, cultural and economic development of the US; and the changing roles of women within the family and the workplace. Topic varies. May be repeated for credit.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Lecture Hours</th>
<th>Lab Hours</th>
<th>Description</th>
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<tbody>
<tr>
<td>WGST 3330</td>
<td>Roman Women</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>Study of the role of women in the ancient Roman world. Emphasis on their influence within the political, economic, social, religious, and intellectual life of Rome. Examination of the Roman world through the eyes of ancient Roman women from different historical periods and social status.</td>
</tr>
<tr>
<td>WGST 3333</td>
<td>Communication and Gender</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>Introduces students to the literature of gender and communication. Considers how men's and women's self-perceptions and resulting communication patterns evolve as a function of cultural influences.</td>
</tr>
<tr>
<td>WGST 4090</td>
<td>Independent Study in Women's and Gender Studies</td>
<td>1-4</td>
<td>1-4</td>
<td>0</td>
<td>Independent Study in Women's and Gender Studies. The opportunity to design and conduct independent research and/or projects under the direction of a WGST faculty member in a specialized area of Women's and Gender Studies.</td>
</tr>
<tr>
<td>WGST 4130</td>
<td>Feminist Philosophy</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>An introduction to the main topics in Feminist Philosophy to include the adversary method and the ‘maleness’ of philosophy; dualities of mind and body, male and female, self and other; women's ways of knowing; caring and maternal thinking; and ecofeminism. Feminist philosophy addresses these ideals and assumptions in the western philosophic traditions that have oppressed women and other subordinate groups.</td>
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<tr>
<td>WGST 4331</td>
<td>Gender, Media, and Representation</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>Examines the implicit gender messages that are communicated through mass media. Focuses on the representation of gender in the media and how media both reflects and creates cultural values and ideals pertaining to gender.</td>
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<tr>
<td>WGST 4335</td>
<td>Women and Gender in Europe</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>An Intellectual History course focusing on the debate over women's nature, women's roles, and the notion of &quot;woman&quot;. Although the &quot;woman question&quot; has a history spanning the entire modern period, this course will examine the period 1848-1950 when many of the classic texts appeared.</td>
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<tr>
<td>WGST 4338</td>
<td>Sport, Culture, and Society</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>Examines sport as a social institution, focusing on cultural values related to sport, stratification within and among sports, and issues of power and inequality pertaining to sport.</td>
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<tr>
<td>WGST 4530</td>
<td>Revelation and Revolution</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>Explores issues of gender, spirituality, and power within the context of African history.</td>
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<tr>
<td>WGST 5131</td>
<td>Sex, Violence, and Culture</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>Uses feminist theories of gender, sexuality, and patriarchal culture to explore the relationship between public and private violence. Placing private violence in a global perspective, this course critiques the gender stakes of economies of domination and exploitation, the war system, and ideologies of family and nation.</td>
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<tr>
<td>WGST 5633</td>
<td>Writing the Body</td>
<td>3</td>
<td>3</td>
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<td>Writing the Body explores the ways in which written discourse is an intellectual, social, creative, and educational practice that is always also material and corporeal. As an introduction to discipline-specific foundations in writing theory and methodologies, this course engages students in both the analysis and production of written texts and enables them to explore the ways in which identity narratives are embodied and performative.</td>
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<tr>
<td>WMBA 1000Z</td>
<td>WMBA Course Receiving Section</td>
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**WRIT Writing**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<th>Lab Hours</th>
<th>Description</th>
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<tbody>
<tr>
<td>WRIT 1101</td>
<td>English Composition for Non-native Speakers</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>For students whose native language is not English. Concentrates on developing the student's skills in thinking, reading and writing. Emphasis is placed on the reading and understanding of prose selections and on the writing of clear, logical, well-constructed essays that are relatively free from serious grammatical faults. Includes a research paper. Credit for this course will be accepted in lieu of credit for ENGL 1101. Upon completion of this course, the student will enroll in ENGL 1102.</td>
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<tr>
<td>WRIT 2090</td>
<td>Selected Topics in Writing and Linguistics</td>
<td>1-3</td>
<td>1-3</td>
<td>0</td>
<td>Introduces students to one or more topics preliminary to study of more specialized areas of Writing and Linguistics.</td>
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<tr>
<td>WRIT 2130</td>
<td>Technical Communication</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>Teaches students to improve written, oral and visual communication by requiring assignments relevant to their proposed professions. The focus is on the type of communication required by the scientific and engineering discourse communities.</td>
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<tr>
<td>WRIT 2131</td>
<td>Applied Creative Writing</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>Investigates the applications of creative writing in media and forums including music, advertisements, radio, television, and popular culture. Students identify elements of craft in creative writing and practice applying these elements in their own creative writing.</td>
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<tr>
<td>WRIT 2133</td>
<td>Forms in Writing</td>
<td>3</td>
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<td>0</td>
<td>Introduction to analyzing and writing in multiple genres, with a focus on understanding writing as a social activity shaped by audience, context, purpose, and genre conventions.</td>
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<tr>
<td>WRIT 2135</td>
<td>Reading as a Writer</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>Focuses on engagement with the craft of writing. Students will read broadly in a range of genres and subgenres in order to practice close reading on the sentence level to discover and appreciate the intricacies involved in a writer’s artistic and aesthetic choices.</td>
</tr>
</tbody>
</table>
WRIT 2230 Careers in Writing and Linguistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on the broad employment opportunities available in the field of writing and linguistics, provides students with an understanding of their realistic options, and presents criteria for planning a focused job search in the field. This course situates an individual career search in a larger framework that addresses the economic, cultural, and social changes that have resulted in major shifts in the field.

WRIT 2250 Writing GLBTQ Identity
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey course exploring and composing queer texts in a variety of genres through the lens of critical theory. This course introduces a range of theories such as gender, queerness, disability, power, and race as means to challenge norms in reading, writing, and analyzing texts, as well as to investigate and queer traditional classroom practices and hierarchies.

WRIT 2290 Creativity for Writers
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A survey course on artistic creativity focusing specifically on writers and writing, designed to explore what creativity is, how it works, how it affects us and our culture, and how we can best nurture it. The course will explore creative processes and artistic principles as understood by experts and as experienced by celebrated writers. Students will put into practice fundamental creative processes, applying and synthesizing theories and principles acquired during the course.
Prerequisite(s): A minimum grade of "C" in ENGL 1101.

WRIT 2350 Freelance Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the scope of freelance writing including review of industry terminology, identification of commercial opportunities for publication, strategies for querying and pitching, and preparation of commercially viable manuscripts for publication.
Prerequisite(s): A minimum grade of "C" in ENGL 2100.

WRIT 2430 Essential Grammar for Successful Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Offers study and analysis of grammar, punctuation, and rules of writing used in both academics and the professions. Challenges students to understand the evolving and situational nature of language, and how its grammatical structures vary and change.
Cross Listing(s): LING 2430.

WRIT 2450 Writing for Social Media
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to emerging theory and practices relevant to social media.

WRIT 2533 Tutoring Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Focuses on the theory and practice of tutoring writing in writing centers and other educational settings. Course topics include tutoring ethics, effective tutoring strategies, analyzing student texts, addressing disciplinary discourses and conventions, and recognizing diverse student needs.
Prerequisite(s): A minimum grade of "B" in ENGL 1101 or WRIT 1101.

WRIT 3130 Writing for Young Readers
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A creative writing workshop course focusing on the writing of poetry and prose, emphasizing close analysis of poetic and narrative forms with the purpose of encouraging students to develop their creative writing abilities and their awareness of creative writing techniques and strategies. Students read and discuss creative writing by established writers, evaluate the work of their peers, and produce a portfolio of instructor-assigned and self-generated creative writing pieces.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

WRIT 3131 Teaching Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the theory and practice of teaching writing and writing processes, including designing writing assignments, pre-writing and revision strategies, as well as evaluating student writing.
Prerequisite(s): ENGL 2111 or ENGL 2112 or permission of the instructor.

WRIT 3133 Writing in the Workplace
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A creative writing workshop focusing on writing for children and young adults. Students read and discuss theoretical as well as creative texts, write in multiple forms (such as poetry, fiction, creative nonfiction, and multimodal), and produce a portfolio of instructor-assigned and self-generated creative writing pieces.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

WRIT 3134 Writing Professional and Technical Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Surveys the field of P&T, its various activities, and potential career paths. Prerequisite(s): A minimum grade of "C" in ENGL 1102.

WRIT 3135 Writing and Place
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course examines the relationship between language and location by analyzing print and visual rhetoric's of social and natural environments. Students explore such environments by focusing on travel writing, Eco composition, or globalization and writing.

WRIT 3220 Introduction to Professional and Technical Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Surveys the field of P&T. Its various activities, and potential career paths. Prerequisite(s): A minimum grade of "C" in ENGL 1102.

WRIT 3221 Writing in the Workplace
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Writing practices and genres that support business processes and management communication, such as marketing and promotional writing, client-customer communication, and business to business communication. Prerequisite(s): A minimum grade of "C" in ENGL 1102.

WRIT 3222 Information Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course focuses on user-centered strategies for creating and analyzing visual documents and artifacts to enhance engagement, comprehension, and ethical representation of complex data. Prerequisite(s): A minimum grade of "C" in ENGL 1102.
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<tr>
<th>Course Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>WRIT 3233</td>
<td>Technical and Professional Editing</td>
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<td>This course encompasses the ideas of editing as a professional writing</td>
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<td>skill, with a focus on the role of an editor. Introduces various levels of</td>
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<td></td>
<td>editing including copyediting, content editing, proofreading, and style.</td>
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<td>The manipulation of documents, project management, and contemporary</td>
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<td>production processes are also introduced.</td>
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<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1102.</td>
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<td>WRIT 3234</td>
<td>Research Methods for Writers</td>
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<td>Introduction to quantitative and qualitative research methods for writers,</td>
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<td>including surveys, interviews, experiments, questionnaires, and field</td>
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<td>research.</td>
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<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1102.</td>
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<tr>
<td>WRIT 3230</td>
<td>Introduction to Usability and user Experience</td>
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<td>This course aims to introduce the pedagogy of English grammar, and is</td>
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<td>grounded in real pedagogical examples. Through lecture, workshops, and</td>
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<td>projects about writing, students will develop strategies for teaching</td>
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<td></td>
<td>grammar and usage in order to effectively teach basic grammatical,</td>
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<td>mechanical, and usage concepts.</td>
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<td></td>
<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1102.</td>
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<tr>
<td>WRIT 3430</td>
<td>Linguistics and Grammar for Teachers</td>
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<td>3</td>
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<td>This course explores the recursive nature of writing; offers strategies for</td>
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<td>revision; surveys the social forces underlying the standardization of</td>
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<td>writing, including academic writing, and the processes of language change.</td>
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<td></td>
<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1102.</td>
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<tr>
<td>WRIT 3435</td>
<td>Writing and Healing</td>
<td>3</td>
<td>3</td>
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<tr>
<td></td>
<td>Introduces students to the physical, intellectual, and spiritual benefits</td>
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<td>of writing personal/cultural stories in classrooms, community groups,</td>
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<td>websites, and public memorials. By analyzing current theories and their</td>
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<td>own and each other's narratives, students learn the connections between</td>
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<td>writing and health, silence and sickness.</td>
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<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1101 or WRIT 1101 and</td>
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<td></td>
<td>ENGL 1102.</td>
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<tr>
<td>WRIT 3460</td>
<td>Travel and Tourism Writing</td>
<td>3</td>
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<tr>
<td></td>
<td>Introduction to travel writing, the rhetoric of tourism, and the forms of</td>
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<td>writing relevant to contemporary tourism.</td>
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<tr>
<td></td>
<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1102.</td>
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<td>WRIT 3490</td>
<td>Writing the Southern Experience</td>
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<td></td>
<td>A creative writing workshop focused on exploring and articulating what</td>
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<td></td>
<td>it means to live in, or be from, the American South. The course covers a</td>
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<td></td>
<td>variety of genres, including but not limited to creative nonfiction, fiction,</td>
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<td></td>
<td>poetry, and hybrid forms. Students read and discuss creative writing</td>
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<td>by established writers, evaluate the work of their peers, and produce a</td>
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<td></td>
<td>portfolio of instructor-assigned and self-generated creative writing pieces.</td>
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<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1101.</td>
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<tr>
<td>WRIT 3520</td>
<td>Revision, Grammar and Culture</td>
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<td></td>
<td>Explores theories of grammar and the recursive nature of writing; offers</td>
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<td>strategies for revision; surveys the social forces underlying the</td>
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<td>standardization of writing, including academic writing, and the processes</td>
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<td>of language change.</td>
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<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1101 or WRIT 1101 and</td>
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<td>ENGL 1102.</td>
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<td>WRIT 3531</td>
<td>Introduction to Writing Studies</td>
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<tr>
<td></td>
<td>Introduces students to the field of writing studies and contemporary issues</td>
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<td>in the areas of literacy, composition, and rhetoric, with special attention</td>
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<td>to the ways in which culture shapes and is shaped by writing.</td>
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<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1102.</td>
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<td>WRIT 4130</td>
<td>Creative Nonfiction Writing</td>
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<td></td>
<td>A creative writing workshop exploring the wide variety of creative</td>
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<td>nonfiction forms. Students read and discuss creative nonfiction by</td>
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<td>established creative nonfiction writers, evaluate the work of their peers,</td>
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<td>and produce a portfolio of instructor-assigned and self-generated creative</td>
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<td>nonfiction pieces.</td>
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<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in WRIT 3130 or permission of</td>
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<td>instructor.</td>
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<td>WRIT 4231</td>
<td>Screenwriting</td>
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<td>A lecture and workshop-based course that focuses on the basic components</td>
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<td>necessary to write successful scripts for film, television, the web or other</td>
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<td>digital mediums. By learning the tenets of the form, and mastering the</td>
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<td>ins-and-outs of the structure of screenplays, aspiring screenwriters gain</td>
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<td>the tools to make their visual narratives come alive.</td>
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<td>Course work includes an introduction to formatting, plotting, and exposure</td>
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<td>to successful scripts and films that employ those facets. Includes a</td>
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<td>workshop component in which students' scripts will be reviewed and given</td>
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<td>feedback by instructor and peers.</td>
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<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in WRIT 3130 or permission of</td>
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<td>instructor.</td>
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<td>WRIT 4300</td>
<td>Applied Rhetoric of Science and Technology</td>
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<td>Theory and practice with popular audience genres and arguments in</td>
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<td>and about science and technology, including rhetorical strategies for</td>
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<td>ethical representation and dissemination of scientific knowledge to public</td>
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<td>audiences. Intended for both majors and non-majors.</td>
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<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1102.</td>
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<td>WRIT 4380</td>
<td>Writing Grants and Proposals</td>
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<td>This course provides direction on how to find, research and write proposals</td>
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<td>to secure grants.</td>
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<td></td>
<td><strong>Prerequisite(s):</strong> A minimum grade of &quot;C&quot; in ENGL 1102.</td>
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WRIT 4430 Poetry Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A creative writing workshop in which students review and practice the fundamentals of poetry writing, including the use of imagery, figurative language, and sound effects; and also learn and practice more complex aspects of poetry writing, such as writing in specific forms and genres. Students read and discuss poetry by established poets, evaluate the work of their peers, and produce a portfolio of instructor-assigned and self-generated poems.
Prerequisite(s): A minimum grade of "C" in WRIT 3130 or permission of instructor.

WRIT 4530 Fiction Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A creative writing workshop in which students study and practice the fundamentals of fiction writing, including narrative structures, character development, and other aspects of craft. Students read and discuss fiction by established writers, evaluate their work and the work of their peers, and produce a portfolio of instructor-assigned and self-generated fiction pieces.
Prerequisite(s): A minimum grade of "C" in WRIT 3130 or permission of instructor.

WRIT 4550 Literacy and Identity
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines the ways literacy shapes identity and is shared and used by individuals, families, and cultures. Special attention to relationships between cultural and literate practices, and to political, social, and personal implications of literacy.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

WRIT 4560 Writing Argument
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores writing effective arguments using multimodal approaches with emphasis on contexts of work, social, and academic environments. Students must have taken at least one 3000-level WRIT or LING course; exceptions made in consultation with department chair.
Prerequisite(s): A minimum grade of "C" in WRIT 3030 or WRIT 3130 or WRIT 3230 or WRIT 3233 or department approval.

WRIT 4570 Writing, Rhetoric, and Culture
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Explores the interaction of writing, rhetoric, and culture and the relationship between public and private discourses; emphasizes rhetorical practices in public discourse and the intersections of genre with cultural contexts as complex rhetorical situations.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

WRIT 4790 Internship in Writing and Linguistics
1-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
Open to juniors and above. Offered by special arrangement. Off-campus study, work and/or research, jointly supervised by sponsoring institution and staff member. Repeatable up to a maximum of six credit hours. Six hours credit requires twenty-five hours a week at sponsoring institution. 3 hours credit requires fifteen hours.
Prerequisite(s): A minimum grade of "C" in LING 3630 or WRIT 3130 or WRIT 3220 or WRIT 3531; 2.5 grade point average; supervisory staff member; recommendation of the department head.
Cross Listing(s): LING 4790.

WRIT 5030 Selected Topics in Writing
1-6 Credit Hours. 1-6 Lecture Hours. 0 Lab Hours.
A seminar on particular topics in rhetoric and composition, the teaching of writing, English as a Second Language, linguistics, and creative writing not covered by other seminars.
Cross Listing(s): WRIT 5030G.

WRIT 5100 Writing for New Media
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines theories, practices, and implications of emerging modalities including mobile technologies and social platforms. Students will learn to design effective written communications for different audiences and media, with a focus on design and visual, and textual rhetorics.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.

WRIT 5130 Modern English Grammar
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the system of rules of word formation and sentence construction that we unconsciously employ in our daily use of the English language.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5130G, LING 5130, LING 5130G.

WRIT 5231 Advanced Screenwriting
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Within a workshop and critique setting, students will work through the stages of feature screenplay writing. The course will focus on more advanced techniques, structure, and development of character and plot in long format through feature writing assignments. Graduate students will be required to engage in advanced level research and writing, beyond the scope of undergraduate requirements, as determined by the course instructor.
Prerequisite(s): A minimum grade of "C" in WRIT 3130 or WRIT 4231, or permission of instructor.
Cross Listing(s): WRIT 5231G.

WRIT 5250 Advanced Technical Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A required course for all Writing and Linguistics majors in the professional and technical communication area, this course offers study in technical communication topics relevant to the profession, such as usability, freelancing, document analysis, ethics, medical writing, or rhetoric of science and technology.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5250G.

WRIT 5330 Rhetoric
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Rhetoric from Aristotle to the present, with emphasis on rhetorical analysis of texts and other forms of discourse.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5330G.

WRIT 5340 History of English Language
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of the English language from linguistic, social, and historical perspectives. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5340G, LING 5330G.

WRIT 5430 Advanced Poetry Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A creative writing workshop which focuses primarily on the students' own poems. The course deepens and expands the poetry writing skills and knowledge developed in lower-level creative writing workshops. Students will read and discuss poetry by established writers, evaluate their work and the work of their peers and produce a portfolio. Graduate students will be required to engage in advanced level research and writing, beyond the scope of undergraduate requirements, as determined by the course instructor.
Prerequisite(s): A minimum grade of "C" in WRIT 2131 or WRIT 2133 or WRIT 3130, or permission of instructor.
Cross Listing(s): WRIT 5430G.
WRIT 5510  Writing for the Nonprofit Sector
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Techniques for writing for local and national nonprofit organizations. Possible service learning component.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5510G.

WRIT 5520  Writing for Publication
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course prepares students for writing for publication in a digital age. Students are encouraged to pursue various areas of research and interests as they learn how to locate suitable venues for publication, write query letters to publishers, format manuscripts for submission, and deal with revision and editing in today's technological environment. Graduate students will be expected to do an extra project.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5520G.

WRIT 5530  Sociolinguistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
The principles and methods used to study language as a sociocultural phenomenon. These are examined both from the linguistic viewpoint and the social scientific viewpoint.
Prerequisite(s): A minimum grade of "C" in WRIT 3130, or permission of instructor and ANTH 1102 or SOCI 1101.
Cross Listing(s): WRIT 5530G, LING 5530, LING 5530G.

WRIT 5531  Advanced Creative Nonfiction Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A creative writing workshop which focuses primarily on the students' own creative nonfiction. The course deepens and expands the writing skills and knowledge learned in undergraduate expository writing courses. Students read and discuss creative nonfiction by established writers, evaluate their work and the work of their peers, and produce a portfolio. Graduate students will be required to engage in advanced level research and writing, beyond the scope of undergraduate requirements, as determined by the course instructor.
Prerequisite(s): A minimum grade of "C" in WRIT 3130, or permission of instructor.
Cross Listing(s): WRIT 5531G.

WRIT 5532  Writing Flash Prose
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A creative writing workshop in which students study and write short prose forms such as the short-short story, brief creative nonfiction, and prose poetry.
Prerequisite(s): A minimum grade of "C" in WRIT 2131 or WRIT 2133 or WRIT 3130.
Cross Listing(s): WRIT 5532G.

WRIT 5533  Writing the Body
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course explores the ways in which written discourse is an intellectual, social, creative, and educational practice that is always also material and corporeal. As an introduction to discipline-specific foundations in writing theory and methodologies, this course engages students in both the analysis and production of written texts and enables them to explore the ways in which identity narratives are embodied and performative.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5533G, WGST 5633, WGST 5633G.

WRIT 5535  Intellectual Property
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
This course provides an introduction and general overview of fundamental aspects of intellectual property. Students will learn about such topics as the history of copyright laws, fair use, and the public domain.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5535G.

WRIT 5540  Plain Language in Workplace Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Introduction to the principles of plain language in workplace communication. Students will analyze document design along with passages at the word-, sentence-, and paragraph-level, and conduct usability testing to improve documents' clarity. Students will examine the history of plain language movements and understand the social impacts of plain language in legal, medical, and professional contexts. Students will revise and create documents in plain language for use by specific audiences.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5540G.

WRIT 5550  Publication Design
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Techniques for preparing documents from development to publication.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5550G.

WRIT 5560  Advanced Fiction Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A creative writing workshop which focuses primarily on the students' own fiction. The course deepens and expands the fiction writing skills and knowledge developed in lower-level creative writing workshops. Students will read and discuss fiction by established writers, evaluate their work and the work of their peers, and produce a portfolio.
Prerequisite(s): A minimum grade of "C" in WRIT 3130, or permission of instructor.
Cross Listing(s): WRIT 5560G.

WRIT 5580  Social Media Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A required course for all Writing and Linguistics majors in the professional communication area, this course offers study in technical communication topics relevant to the profession, such as usability, freelancing, document analysis, ethics, medical writing, or rhetoric of science and technology.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5580G.

WRIT 5590  Cultural Rhetorics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introductory course which examines how culture shapes the production, texts, and reception. It includes anti-racist, feminist, queer, or social frameworks, as well as applied multimodal and genre theories.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Cross Listing(s): WRIT 5590G.

WRIT 5930  Technical Writing
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A required course for all Writing and Linguistics majors in the professional and technical communication area, this course offers study in technical communication topics relevant to the profession, such as usability, freelancing, document analysis, ethics, medical writing, or rhetoric of science and technology.
Prerequisite(s): A minimum grade of "C" in ENGL 1102.
Resources

- Academic Success Center (p. 496)
- Division of Continuing Education (http://catalog.georgiasouthern.edu/academics/resources/continuing-education)
- FORAM Sustainable Aquaponics Research Center (p. 497)
- James H. Oliver, Jr., Institute for Coastal Plain Science (p. 497)
- Military and Veteran Affairs (p. 498)
- Office of Career and Professional Development (p. 498)
- Office of Institutional Effectiveness (p. 499)
- Office of Research Services and Sponsored Programs (p. 499)
- Online Support Services (p. 499)
- Printing & Postal Services (p. 499)
- Regents Center for Learning Disorders (p. 500)
- Student Accessibility Resource Center (p. 500)
- Student Union Facilities and Event Services (p. 500)
- The University Writing Center (p. 500)
- Visual Art Exhibitions and Permanent Collections (p. 501)

Academic Success Center

The Academic Success Center (ASC) is dedicated to providing academic support for all students by fostering positive academic mindset, knowledge of resources, and belonging within the university community. Towards this purpose, the ASC offers student-centered services in tutoring, mentoring, testing, success coaching, consultations, and workshops. While the ASC is available for all students, services are also focused on the needs of adult-learners, first generation students, students on academic intervention, and students in the Learning Support program.

For more information about the ASC, call (912) 478-5371 or check the Center’s website at georgiasouthern.edu/success. The Statesboro Campus office is located in Henderson Library, Suite 1303. The Armstrong Campus office will be based out of the Student Success Center building until a permanent space is ready.

The ASC is part of the Division of Academic Affairs and reports to the Office of the Provost.

Academic Intervention

Undergraduate students who are on academic intervention, per university policy, are required to create and implement an Academic Improvement Plan under the guidance of an assigned Success Coach. Success Coaches meet with students one-on-one and in a group setting through a 0-credit hour course – GSU 1000: Academic Improvement Coaching. See the Academic Intervention Policy (p. 258) for more information.

Mentor Program

Based on the Statesboro Campus, this program welcomes any first or second year student to join at any point in the semester. Peer Mentors and mentees meet weekly to discuss a variety of topics, including goal setting, major and career exploration, establishing good habits for academic achievement and personal wellness, and access to tools and resources, and social connections to the campus community.

Learn more about the Mentor Program at the ASC website at academcis.georgiasouthern.edu/success/peer-mentor-program/.

Tutoring Services

On the Statesboro Campus, free tutoring is available by appointment and walk-in for a variety of math, science and humanities courses. Online tutoring by appointment is available for all three campuses; tutoring on the Armstrong Campus is coming soon. The tutors are recommended by professors in their subject areas and are trained, supervised, and evaluated by the ASC staff. The Center has a full-time coordinator and faculty consultants from the Academic Success Center who work with tutors in implementation of the program.

Check for tutoring schedules and other information on the website at academics.georgiasouthern.edu/success/tutoring/.

Tutoring on the Armstrong and Liberty Campuses is offered by other departments. The ASC website does provide information about tutoring offered by other units as the information is made available.

Testing Office

Another component of the Academic Success Center is the Office of Testing Services with locations on the Statesboro and Armstrong (Savannah) Campuses. The Office of Testing Services provides services to students, non-students and community members within the surrounding communities. Both testing offices administer examinations including ACCUPLACER, CLEP Exams, DSST Exams, Georgia Assessments for the Certification of Educators (GACE), Graduate Record Exam – Subject Test (GRE-Subject), HESI A2-Nursing entrance exam, Institutional ACT Exam (ACT-Residual), E-Core exams, Legislative Exemption Exams, American Council for Exercise Exams (ACE), BOC Athletic Training Exam, and the Miller Analogies Test (MAT).


Contact

Persons interested in further information concerning dates, times, cost, eligibility and sign-up procedures can contact the Statesboro Campus Testing Office at (912) 478-5415, located at Cone Hall Room 2004, or by email at testing@georgiasouthern.edu. Contact the Armstrong Campus Testing Office at (912) 344-2582, located in the Memorial College Center Building, room 206B, or email testingsav@georgiasouthern.edu. The informational webpage for both Testing Offices is at academics.georgiasouthern.edu/success/testing/.

Division of Continuing Education

The mission of the Division of Continuing Education is to support Georgia Southern University’s commitment to extending the learning environment beyond the classroom to the communities it serves, promoting lifelong success by delivering multi-modal, multi-site and empowering opportunities for the individual. We provide a variety of courses and programs, from non-degree personal and professional development to customized workforce training, and more. Our offerings are available online and in-person, designed to meet various cultural and generational learning needs and provide traditional and non-traditional learners with the flexibility needed to maintain a work-life balance.

The Division is your full-service provider of non-credit bearing programs, while also providing technologically advanced meeting, classroom, event and conference services in Statesboro, Hinesville and Savannah. Seasoned in managing educational programs locally, regionally, nationally and internationally, the Division of Continuing Education is a full-service, one-stop shop with the ability to manage the entire life cycle of a program or conference. We have the venues and resources to suit all programs.
and event types in a unique and personal setting. From inception to post-program evaluations, we work diligently to guarantee every aspect of your program is exactly what you envision.

Additionally, the Division of Continuing Education is committed to the mission of lifelong learning and personal enrichment. To fulfill this, we offer a variety of personal and professional development programs as well as youth programs for children of all ages. Our youth programs carry the same spirit of student-centeredness, with camps that explore the science of the outdoors, creating exciting Lego® robots, and preparing for college entrance exams. Whether it’s the arts, academics or preparation for lifelong success, our camps and courses focus on hands-on learning taught by leaders in the community.

Our broad range of services, offered to both the regional and campus communities, include:

- **Customized Workforce Training**: offers developed proposals that align with the company’s objectives based on in-person consultations and needs assessments; enhances workforce readiness and training that helps employees learn new technologies and/or acquire certifications that demonstrate expertise;

- **Conference and Event Services**: includes venue sourcing and booking, contract negotiation, CEU application tracking and coordination, financial and registration services, marketing and catering options, arrangement and management of hotel room blocks and lodging, audio-visual equipment and support, and customizable planning packages;

- **Personal and Professional Development**: includes online and in-person courses; offers certifications and the ability to customize courses by industry to teach strategies and a framework for personal growth, goal setting and self-improvement; coordination of the curriculum, certification and delivery process for certificates, as well as the creation of personal, professional or youth programs; instructor management; and attendee participation tracking;

- **Online Courses**: provides self-paced or instructor-led options for busy professionals, including the ability to gain certifications and digital badges, with learning options available in most industries; benefits include maintaining a flexible schedule as well as convenience and flexibility;

- **Continuing Education Credits (CEUs) and Certificates**: includes application and coordination of the CEU process and tracking of attendee participation;

- **Marketing and Promotions**: provides tailored market research and delivery of an integrated marketing communications plan, which includes environmental scans, data tracking, design and creation of marketing collateral, establishment and increase of brand awareness, creation of program website and continued maintenance, design of print and digital signage, creation and implementation of email and social media campaigns as well as mailing list and listserv management;

- **Financial Services**: includes budget creation, purchasing of services and goods, approval for payment of invoices, the processing and recording of expenses, compiling accounting summary, and maintaining account records;

- **Registration Services**: provides the building and management of the registration portal, maintained with SecureServer, as well as receipt of fees, real-time fee collection and reporting, and invoicing of participants;

- **Speaker and Presenter Management**: includes the invitation of speakers, issuing of call for proposals, coordination of travel and lodging, processing of honorarium payments, preparation of speaker bios, poster and presentation session management, and organization of audio-visual requirements;

- **Sponsor and Exhibitor Management**: offers recruitment of sponsors and exhibitors based on program criteria, processing for exhibitor and sponsor information, confirmation and registration, and coordination of exhibit space.

For more information, please visit the Division’s website at GeorgiaSouthern.edu/Conted (http://academics.georgiasouthern.edu/ce).

### FORAM Sustainable Aquaponics Research Center

The FORAM Sustainable Aquaponics Research Center (SARC) is a joint venture between Georgia Southern University and the FORAM Foundation. Our aquaponics system is located in an approximately 4100 square foot greenhouse that supports student and faculty research in areas of Biology, Chemistry, Economics and Engineering.

**Mission**

To conduct cutting-edge research, and to develop technologies and best practices that improve the sustainability and profitability of soilless farming techniques.

The SARC facility is a state of the art system designed to research the economic and biological sustainability of aquaponics systems. SARC has four independent recirculating systems, each containing 900 gallon tanks capable of holding over 100 mature tilapia (1-2 lbs/each) and 224 square foot runways for growing plants. This proprietary system was uniquely built to conduct controlled scientific research. This allows the center to develop targeted experiments with the goal of improving the economic viability of large-scale aquaponics as a means of sustainable food growth requiring less resources and space.

http://cosm.georgiasouthern.edu/sarc/

### James H. Oliver, Jr., Institute for Coastal Plain Science

The Institute for Coastal Plain Science facilitates studies focused on the fertile world of Georgia’s Coastal Plain, which covers the southern and southeastern half of the state. This environmental region provides researchers with a living laboratory, where forests, rivers, marshes, swamps and beaches abound with life.

The mission of the ICPS is two-fold: 1) to promote, in coordination with public and private partnerships, interdisciplinary research and education directed toward understanding the physical and biological resources occurring in the region and their sustainable use and management, and 2) to enhance curation of the extensive natural history collections and promote their use as research and education tools. In fulfilling its mission the ICPS partners with diverse entities such as the Nature Conservancy, Skidaway Institute of Oceanography, Gray’s Reef National Marine Sanctuary and the University of Georgia Marine Extension Service, which provides collaborative opportunities for researchers and students.

### Applied Coastal Research Laboratory (ACRL) (http://cosm.georgiasouthern.edu/icps/acrl)

The ICPS partners with the ACRL, a field laboratory located on Skidaway Island near Savannah, Georgia. The ACRL provides laboratory space and logistical support to research teams. Our logistical support includes access to nearby research sites (including hammocks, marshes and barrier islands); access to coastal/offshore research via large and small research boats; geophysical and ecological field sampling/monitoring equipment; and a full array of Geographic Information Systems (GIS) capabilities. The ACRL also works to gain grant funding for faculty and
student research and collaborates with state and local agencies, and nonprofit foundations.

U.S. National Tick Collection (USNTC)  
(https://cosm.georgiasouthern.edu/usntc)

The ICPS is also home to the USNTC. With over 125,000 accessioned lots, over one million specimens, their associated data, and an extensive library (reprints, monographs, and books), the USNTC is one of the largest curated tick collections in the world, if not the largest.

Military and Veteran Affairs

Georgia Southern recognizes that military-affiliated students often face challenging obstacles in the pursuit of a college degree. As part of the University’s ongoing commitment to provide educational opportunities to the military population, in the Fall of 2013 Georgia Southern created the office of Military and Veteran Affairs. The office provides a comprehensive military and veteran-friendly education support program that engages military-affiliated students from admissions to career placement to help them pursue and achieve their academic and professional goals.

Military Resource Center

In collaboration with a variety of University departments and organizations, the Military Resource Center (MRC) provides assistance, connection, camaraderie, coordinated services, and resources to ensure that all military connected students are afforded the greatest opportunities for success. Members of our military community will experience individually-tailored support of the highest quality through the MRC. Students can get information about the application and admissions process, education benefits, and prior learning assessments to determine credit for military training. MRCs provide access to computers, a resource library, peer-to-peer mentoring and tutoring programs, referrals to other campus and community resources, and information about the Student Veterans of America Chapters at each campus. The Centers at Armstrong and Statesboro have lounges known as “The Eagles Nest” that provide a designated space for military-affiliated students to network, study, and relax. The lounges include a kitchenette and social space that has couches, books, magazines, a television, movies and video game consoles. The MRC at the Statesboro Campus is located in the Russell Student Union and the Center at the Armstrong Campus can be found in the Pirate Athletic Center.

Veterans’ Assistance Programs

The U.S. Department of Veterans Affairs (DVA) provides educational benefits under several programs. Eligibility is determined by DVA. Veterans or dependents of certain veterans who wish to attend Georgia Southern University under any of the veterans’ benefits programs should contact the Veterans Coordinator located in Military Resource Center (MRC) for assistance at (912) 478-5154 or the Veterans Administrative Assistant at (912) 478-8043 or email veterans@georgiasouthern.edu. The Veterans Coordinator is responsible for assisting veteran students with the processing of VA forms for educational benefits. Students will be advised of procedural requirements and certification of enrollment will be verified to DVA.

Veterans who have service-connected disabilities and are eligible for disability compensation may qualify for Vocational Rehabilitation. Disabled veterans who think they qualify for this assistance are encouraged to contact the Department of Veterans Administration for further information.

Georgia Southern encourages all veterans to take advantage of college credit that may be granted for military training, as well as the credit by examination programs. Veterans requesting college credit for military training must provide Military and Veteran Affairs with an official military transcript for evaluation.

Military and Veteran Affairs will evaluate transfer Credit for Military Service based on completion of basic military training. A form DD-214 should be furnished to Military and Veteran Affairs for evaluation. Two (2) credit hours will be allowed for Kinesiology PE Credit for active service less than one year. Four (4) credit hours will be allowed for Kinesiology PE Credit for one year or more active service. For more information please visit our web page at em.georgiasouthern.edu/registrar/students/veteranaffairs.

Office of Career and Professional Development

The Office of Career and Professional Development (OCPD) is committed to providing Georgia Southern University students and alumni with a broad range of personalized services to prepare them for professional success. As career advisors, the OCPD staff assists students with choosing majors, identifying career options, gaining related work experience, awarding non-credit “tuition free” co-op/internship hours, and providing guidance in their full-time professional job search strategies through four distinct areas: Career Advisement, Experiential Learning, Course Instruction, and Professional Employment. The Career Advisement phase is designed to assist students in identifying academic majors and career options. Strategies include one-on-one or group career advising, career assessments, investigation of careers through a comprehensive collection of online information, as well as through the Major and Career Exploration Centers located on the Statesboro and Armstrong campuses. Opportunities for Experiential Learning are developed through the outreach efforts of the Employer Relations team, who proactively engage employer partners to create internship and co-op opportunities. Students are prepared for these experiences through mock interview training, résumé/cover letter critique assistance, and structured academic courses that focus on Emotional Intelligence development and professionalism in the workplace. Professional employment opportunities are available through the Eagle Career Net online job board and are open to all Georgia Southern University active students and alumni.

Experiential learning provides a valuable opportunity for students to acquire relevant work experience that will increase their marketability upon graduation. Internships and co-ops provide an opportunity for students to evaluate whether their chosen career path or field of study is a good fit for them, develop their professional skills, and apply their academic knowledge while obtaining valuable real world experience in their field. The Office of Career and Professional Development at Georgia Southern University is committed to recruiting and promoting academic and co-op opportunities for all students and provides a centralized contact for all academic and non-academic related issues associated with experiential learning for all colleges and majors.

The OCPD professional staff advises and assists students in developing professional skills during their academic career so that they may complete an effective job search campaign prior to graduation. Workshops, class presentations, individual career advisement appointments, along with resources provided on the OCPD website, help prepare students in the areas of effective job search and networking strategies, cover letter and résumé development, interviewing techniques, negotiation strategies, and making the transition from college to the world of work. The department attracts a variety of industries and organizations to recruit Georgia Southern University students and alumni through résumé referrals, on-campus interviewing, and by allowing employers to post positions on Eagle Career Net. By participating in on-campus recruiting opportunities, students are able to network with potential employers from all industries to inquire about full-time employment upon graduation.

For more information, please visit the Office of Career and Professional Development website at G (http://students.georgiasouthern.edu/)
Office of Institutional Effectiveness

The mission of the Office of Institutional Effectiveness (OIE) is to support Georgia Southern University’s commitment to academic excellence and personal attention by providing leadership for assessment, institutional effectiveness, planning, and accreditation activities to all academic, student support, and administrative units and programs.

Guided by a dedication to a culture of systematic self-reflection, evidence-based decision-making, and improvement, the Office of Institutional Effectiveness promotes assessment practices for planning and implementing strategies, as well as measuring their effectiveness toward achieving each unit’s goals as they contribute specifically to the strategic goals of the University. Additional information is available at OIE’s website at academics.georgiasouthern.edu/vpie/index.php.

Office of Research Services and Sponsored Programs

The Office of Research Services and Sponsored Programs (ORSSP) supports the Georgia Southern University faculty, staff and students in the acquisition, performance and administration of projects and programs funded from sources external to the institution. The ORSSP provides research administration services in the areas of pre-award activities, and research integrity and compliance, working closely with Research Accounting to provide a full array of related services to the research community at Georgia Southern.

Pre-award research administration serves as the central point of coordination for grants and contractual obligations from individuals, foundations, government and public agencies; and industrial, financial and private organizations to support sponsored research and service activities at Georgia Southern University, offering identification and dissemination of funding opportunities; proposal development and editing services; project budget development; assistance with forms, guidelines and submission requirements; routing of proposals for institutional approval; proposal submission; contract and award negotiation; award acceptance and modification; materials transfer, data use and other contractual areas; project management assistance; and other areas as needed.

Post-award management services are provided by the Office of Research Accounting (under the Business and Finance division).

The Office of Research Integrity (ORI) serves as the administrative home for research compliance, providing support and guidance to the Institutional Review Board for the Protection of Human Subjects (IRB), the Institutional Animal Care and Use Committee (IACUC), and the Institutional Biosafety Committee (IBC). The ORI also administers the university processes for reviewing financial conflict of interest, and other areas of compliance as needed.

The ORSSP provides support for the Faculty Research Committee, a Faculty Senate committee which awards competitive internal research funding on an annual basis and selects recipients of the Faculty Excellence in Research awards.

The Georgia Southern University Research and Service Foundation (GSURSF) is a nonprofit partner organization that assists, supports, and furthers the research, service, and educational missions of Georgia Southern University. The Foundation functions in cooperation with the University to simplify business processes and other interactions between the private sector and the University. The Foundation manages intellectual property resources for the discovery, development and commercialization of new ideas and technologies. The GSURSF receives all incoming external awards and assigns the performance of sponsored research projects and service delivery programs to the University.

If you have any questions, call the Office of Research Services and Sponsored Programs at (912) 478-5465.

Online Support Services

Center for Online Learning (COL)

The COL provides technical and pedagogical training and support for faculty who develop online courses. For more information, call (912) 478-0049 or visit the COL website at: academics.georgiasouthern.edu/col/.

MyTech Support

MyTech Support provides technology support for all students, faculty, and staff on Georgia Southern’s three campuses. For online course support or any technology issues, please contact MyTech Support by calling (912) 478-2287. For online and in-person contact information, please visit its.georgiasouthern.edu/about/contact/.

Online Programs at Georgia Southern University

For more information about online programs at Georgia Southern University, please see the following website: academics.georgiasouthern.edu/online/.

Printing & Postal Services

Printing and Postal Services is a University owned and operated facility located in the Main Dining Commons on the Statesboro Campus and in the Annex 2 Bldg. on the Armstrong Campus. These facilities provide mail pick up, delivery, posting and boxing, and window services for faculty, staff and students. The second half of our task list is to print course packs, class required name badges, printed projects and any printed materials required by the campus community.

On the Statesboro Campus all student mailboxes are located in the Main Dining Commons. Post office boxes will be made available to all students living in University Housing. Once these boxes are assigned, the remaining post office boxes will be made available to other students on a first come, first served basis for one full academic year for a $20.00 fee. Non-University Housing students must go to the P.O. Box Store located in the Main Dining Commons. Post office boxes will be made available to all students living in University Housing. Once these boxes are assigned, the remaining post office boxes will be made available to other students on a first come, first served basis for one full academic year for a $20.00 fee. Non-University Housing students must go to the P.O. Box Store at auxiliary.georgiasouthern.edu/printingandpostal/postal-services/ or the lobby counter in the Main Dining Commons to purchase their box. After purchasing a box, the student will be assigned a box for the current year. The box can be accessed with three easy steps. First, log into my.georgiasouthern.edu and click on WINGS. Next, click on the “Personal Information” tab, then “View P.O. Box combination”. Both the P.O. Box number and the combination will be found on this page, as well as instructions on how to open the box.

On the Armstrong Campus all residential students have mailboxes in their residence halls.

Forwarding addresses should be left for students who will be:

- graduating
- withdrawing
- leaving for a semester
- completing a voluntary cancellation form
If you forward your mail, your first class mail and periodicals will be forwarded to your forwarding address. Forwarding addresses can be updated on WINGS.

If no forwarding address is on file, mail will be returned to sender.

If you have any questions, call the Georgia Southern Printing and Postal Services at (912) 478-5697 on the Statesboro Campus and (912) 344-2820 on the Armstrong Campus. Visit our website at auxiliary.georgiasouthern.edu/printingandpostal/postal-services/.

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### Regents Center for Learning Disorders

The Regents Center for Learning Disorders (RCLD) at Georgia Southern University is one of three centers in Georgia established by the Board of Regents to provide assessments, resources, and research related to students with learning disorders. The Center serves students from GSU and eight additional institutions in the southern area of the state. Students with a history and/or those perceived as having learning disorders, ADHD, or psychological disorders may be referred by the enrolling institution’s student accessibility office for a comprehensive assessment, feedback on appropriate academic accommodations, and recommendations for optimal educational achievement. These services are also provided to students within the local area technical colleges. Additionally, student access offices at any of the institutions served may consult with the Center regarding disability documentation and assessments performed by other professionals. Georgia Southern University students should first contact the Student Accessibility Resource Center on their campus (Statesboro: (912) 478-1566, Savannah & Liberty: (912) 344-2572), while students at other institutions should contact their own office for student accessibility for a referral to the RCLD. In addition to providing comprehensive evaluations for students, the RCLD collaborates with institutions on statewide policy development, provides programs and services for student access professionals and their students, and provides clinical training and research opportunities for graduate students in psychology and related programs at Georgia Southern. For further information please call (912) 478-0100, or visit academics.georgiasouthern.edu/rclld/.

### Student Accessibility Resource Center

The Student Accessibility Resource Center (SARC) strives to assure equal access to all aspects of the college experience for students with disabilities through reasonable accommodations. A unit of Student Affairs, the Student Accessibility Resource Center supports both the SA mission and the university’s strategic plan by promoting and contributing to a university community centered on student learning and success. The SARC office staff is responsible for the coordination of all services for students with disabilities. Students with disabilities must meet all admission and academic standards. Services are provided to students at no cost. The disability categories we serve are: acquired brain injury, attention deficit disorder (ADD or AD/HD), autism spectrum disorder, communication disorders, hearing impairment, learning disabilities, mobility impairment, psychological disorders, systemic medical disabilities and visual impairment.

Students initiate services by completing the Voluntary Declaration of Disability (VDD) form (https://students.georgiasouthern.edu/sarc/steps-for-receiving-services) located under the Receiving Services tab on our website. The VDD is returned to our office and the student meets with a SARC staff member and provides documentation of the disability. Academic accommodations are determined on an individual basis using USG guidelines which can be found in the Academic and Student Affairs Handbook (https://www.usg.edu/academic_affairs_handbook/section3/C793/#appendix_e_specific_documentation_guidelines). Once documentation of the disability is approved, SARC will provide students with accommodation letters to share with their professors.

SARC is located on the second floor of Cone Hall on the Statesboro campus and the phone number is (912) 478-1566. SARC is located on the second floor of the Memorial College Center on the Savannah campus and serves Savannah and Liberty students; the phone number is (912) 344-2572. Our video phone number is (912) 225-9877.

### Student Union Facilities and Event Services

The mission of Student Union Facilities and Event Services is to complement the educational mission of the University by providing an environment where students, faculty, staff, and guests can gather to participate and learn in an atmosphere that fosters a sense of community. Each of these spaces provides facilities, services, and support to programs that enhance the quality of out-of-class experiences.

#### Statesboro Campus

The Russell Union is located on the Statesboro campus and provides a multitude of event planning resources including facility reservations, audio visual services, and event consultation. The Russell Union also houses the following departments: The Office of the Dean of Students, The Office of Multicultural Affairs, Fraternity and Sorority Life, Office of Student Conduct, Military and Veteran Student Center, Russell Union Operations, Student Government Association, and the Office of Leadership and Community Engagement. Included in the 110,000 square foot Russell Union facility is a 600-seat ballroom, a 444-seat movie theatre/auditorium, wireless internet, 14 meeting rooms, two computer labs, Chick-fil-A, Starbucks, Gus Mart and Union Dell, an information center, a catering kitchen, and several areas throughout the building to study, relax, and exchange thoughts and ideas with faculty, staff, and fellow students. The Williams Center’s Office of Student Activities and the Student Organization Resource Center is a resource for students, organizations, and advisors with helpful information on organizational development, event planning resources, and full-time staff to support your co-curricular needs. The Williams Center includes a Multi-purpose Room that holds over 400 people, 26-seat conference room, and multiple meeting and work spaces available to students, faculty, and staff. The Offices of Student Media, Career Services, and First Year Experience also reside within the Williams Center building.

#### Armstrong Campus

The Student Union on the Armstrong campus provides eating, gathering, and meeting space for the Armstrong campus community. A 650-seat ballroom as well as a 200-seat theater are available for presentations, events, and other gatherings. The facility also boasts a 5,700 sq. feet of bookstore, 300-seat food court style dining area along with a convenience store, ample and varied lounge spaces both indoor and outdoor, and meeting space. The Student Union houses the following departments: Student Government Association, Eagle Dining, Dean of Students Office, Student Activities, and other Student Affairs units aimed at getting students involved and supported.

### The University Writing Center

The University Writing Center is open to all Georgia Southern students who want feedback on their writing or advice about how to become better writers. Staffed by graduate students and undergraduate peer tutors, the Writing Center offers one-on-one conferences to students working on writing projects for any course at any stage of the writing process. The Writing Center is not a remedial service, but an important resource for all student writers at all levels of ability. Tutors in the Writing Center can help writers to understand assignments, brainstorm ideas, organize information, and develop editing strategies. While the Writing Center staff will not
proofread papers or do any of the actual writing for the students they work with, they will teach students effective ways to use evidence and detail, to anticipate and meet audience needs, and to streamline the structure of their arguments. Citation formats, document preparation, grammatical correctness, and stylistic fluency will also provide a focus for many writing center conferences.

Resources

- Individual, one-on-one conferences on writing projects
- Handouts on writing strategies and grammatical issues
- Handbooks, dictionaries, thesauruses, style guides
- Online assistance and conference appointments

Tutors are available to give short presentations about the Writing Center and its services in any class at any time during the semester.

Location and Hours

The University Writing Center (Statesboro Campus) is located on the second floor of the Henderson Library next to the Information Desk and Learning Commons. One hour and half hour conferences are available Monday through Thursday, 9:00 a.m. - 7:00 p.m., and Friday, 9:00 a.m. - 3:00 p.m. Some Sunday hours are also available but vary by semester; check the appointment schedule for details. Appointments can be made on a walk-in basis or online at http://georgiasouthern.mywconline.com. For more information about the Writing Center (Statesboro Campus), please call (912) 478-1413, visit the Web site at http://cah.georgiasouthern.edu/writing-center/ or contact the Director, Dr. Michael Pemberton, at michaelp@georgiasouthern.edu.

The University Writing Center (Armstrong Campus) is located in 123 Gamble Hall. One hour and half hour conferences are available Monday through Thursday, 9:00 a.m. - 7:00 p.m., and Friday, 9:00 a.m. - 12:00 p.m. Appointments can be made on a walk-in basis or by calling the center at (912) 344-3072. For more information about the center, visit the Web site at http://cah.georgiasouthern.edu/writing-center/ or contact Dr. Deborah Reese, at deborahreese@georgiasouthern.edu.

Visual Art Exhibitions and Permanent Collections

Gallery programming in the Betty Foy Sanders Department of Art offers students and the community multiple galleries to view contemporary and traditional art in Statesboro and Savannah.

On the Statesboro Campus, the Center for Art and Theatre houses two contemporary art galleries. These galleries feature both solo and group exhibitions by world-renowned artists working in a range of media, from traditional paintings to multi-media installations, as well as exhibitions that highlight outstanding work by Georgia Southern art and design students.

The Center for Art and Theatre also houses the department’s permanent collections. The Betty Foy Sanders Georgia Artists Collection features artworks created by artists born or based in Georgia, created using materials found in Georgia, or themed around the state itself. The collection has been curated by Betty Foy Sanders since she established it in 1968, and is on permanent display in the Georgia Artists Collection Gallery. The Smith Callaway Banks Southern Folk Art Collection features folk art of varying genres and media from around the southeastern United States. This collection also is on permanent display, and was donated to the Department by Bulloch County historian Smith Callaway Banks in 2007.

Nestled between the Center for Art & Theatre and the Visual Arts Building, a sculpture garden offers visitors the opportunity to enjoy changing exhibitions of three-dimensional works of art created by students and alumni of the Betty Foy Sanders Department of Art.

On the Armstrong Campus, the Fine Arts Gallery occupies a central position in Fine Arts Hall. The gallery hosts 10 exhibitions each academic year, showcasing work by students, faculty, alumni, and visiting artists.

All galleries and collections are open Monday through Friday, 9 a.m. to 5 p.m., and nights and weekends by appointment. Exhibits are free to the public. Guided tours are available through the Betty Foy Sanders Department of Art, (912) 478-ARTS.
Policies

Equal Opportunity Policy Statement

It continues to be the policy of Georgia Southern University to implement affirmative action and equal opportunity to all employees, students, and applicants for employment or admission without regard to race, color, gender, sexual orientation, gender identity or expression, national origin, religion, age, veteran status, political affiliation, or disability. This policy extends to participation in any of Georgia Southern’s programs. Questions regarding this policy of nondiscrimination should be directed to:

Director of EEO and Title IX
P.O. Box 8035
Statesboro, GA 30460-8035
(912) 478-5136

Accommodations for Individuals With Disabilities

In compliance with the Americans with Disabilities Act (ADA), Georgia Southern University will honor requests for reasonable accommodations made by individuals with disabilities. Students must self-disclose any disability for which an accommodation is being sought to the Student Accessibility Resource Center (SARC) before academic or other accommodations can be implemented. For additional information, please call the Director of EEO and Title IX at (912) 478-5136 / TDD (912) 478-0279 or the SARC Director at (912) 478-1986 / TDD (912) 478-9666. The TDD phone numbers are intended for individuals with hearing impairments.

Student Notification Policy

All Georgia Southern University students are provided with an e-mail address within 24 hours of student registration. E-mail addresses are the official means of communication between the University and the student. It is the student’s responsibility to check his/her e-mail each school day for administrative messages. Failure to respond to a University communication or failure to act on a University communication in a timely manner may result in consequences that cannot be appealed or reversed.

Learn More about Policies

University Wide Policies

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Graduate

• Academic Common Market - Graduate (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/common-market)
• Academic Intervention Policy (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/academic-intervention-policy)
• Academic Standing Policy (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/academic-standing)
• Border County Fee Waiver (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/border-county-fee-waiver)
• Continuous Enrollment Requirements (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/continuous-enrollment-requirements)
• Correspondence Study (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/correspondence-study)
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• Graduate Academic Advisement (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/advisement)

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• Graduate Final Comprehensive Examination (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/graduate-final-comprehensive-examination)

• Inactive Status (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/inactive-status)

• Independent Study (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/independent-study)

• Internal Credit Sharing Between Graduate Degrees (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/internal-credit-sharing)

• Non-Medical Leave of Absence (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/non-medical-leave-absence)

• Off-Campus Research (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/off-campus-research)

• Prior Learning Assessment (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/prior-learning-assessment)

• Probation (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/probation)

• Program of Study (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/program-study)

• Records (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/records)

• Registration Policies (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/registration-policies)

• Reinstatement Appeal (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/reinstatement-appeal)

• Theses and Dissertations (http://catalog.georgiasouthern.edu/graduate/graduate-studies/general-graduate-policies-procedures/theses-dissertations)

A. Receiving, providing, and/or using unauthorized assistance or materials on any work required to be submitted for any course (including online services or social media to write papers).

b. Alteration or insertion of any grade so as to obtain unearned academic credit.

c. Fabricating information, research, and/or results such as taking, or attempting to take, an examination for another Student, alteration of legitimate research data, alteration or distortion of laboratory experiments, or deliberate distortion of another's work or results.

d. Collaborating with others on assignments without the faculty's consent.

e. Impeding the ability of Students to have fair access to materials assigned or suggested by the Faculty Member (e.g., removal or destruction of library or other source materials).

f. Demonstrating any other forms of dishonest behavior.

2. Classroom Copyright Infringement

a. Any recording and transmission of classroom lectures and discussions by Students without prior written permission from the class instructor, and without all Students in the class as well as the guest speaker(s) being informed that audio/video recording may occur (it is not a violation if Student has educational accommodations through the Student Accessibility Resource Center).

b. Uploading any recordings of lectures and/or class presentations to publicly accessible web environments.

3. Facilitation

a. Cooperating with and/or helping another Student to cheat such as instigating, encouraging, or abetting plagiarism or cheating and/or failing to report a known violation to the appropriate office.

4. Plagiarism is the offering of the words, ideas, computer data programs, or graphics of others as one's own in any academic exercise. Examples of plagiarism include (but are not limited to):

a. The offering of another's work, whether verbatim or paraphrased, as original material without identifying the source(s) in an academic paper.

b. Directly quoting the words of others without using quotation marks or indented format to identify them.

c. Self-plagiarism: re-submitting work previously submitted without appropriate or accurate citation or credit and/or without explicit approval from the instructor.

d. Use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

NOTICE: The list above is intended only to provide general guidelines for recognizing and avoiding common types of academic dishonesty. It is in no way an exhaustive or comprehensive list of all the types of academic dishonesty.

For more information about academic honesty, see the Student Code of Conduct which can be found on the Office of Student Conduct webpage at deansofstudents.georgiasouthern.edu/conduct.

Accreditation

Statesboro, Georgia 30460
General Information: (912) 478-5611
www.georgiasouthern.edu

Georgia Southern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, masters, specialists and doctorate degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 (www.sacscoc.org (http://www.sacscoc.org)) for questions about the accreditation of Georgia Southern University.
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 SACSCOC office. The Commission should be contacted only if there is evidence that appears to support an institution’s significant non-compliance with a SACSCOC accreditation requirement or standard.

<table>
<thead>
<tr>
<th>Departments/Programs</th>
<th>Accrediting Organization</th>
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<tr>
<td>Child Development Center</td>
<td>National Association for the Education of Young Children</td>
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<tr>
<td>Counseling and Career Development Center</td>
<td>International Association of Counseling Services</td>
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<td>Applicant Psychology Internship Program</td>
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<td>Health Services</td>
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<td>Museum</td>
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<td>College of Arts and Humanities</td>
<td>National Association of Schools of Art and Design</td>
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<tr>
<td>Art (Undergraduate and Graduate)</td>
<td>Council for the Accreditation of Educator Preparation and Georgia Professional Standards Commission</td>
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<tr>
<td>Music (Undergraduate and Graduate)</td>
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<td>Theatre</td>
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<td>College of Behavioral and Social Sciences</td>
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<td>Interior Design</td>
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<td>Clinical Psychology (Graduate)</td>
<td>Network of Schools of Public Policy, Affairs, and Administration</td>
</tr>
<tr>
<td>Public Administration (Graduate)</td>
<td>Council on Accreditation of Parks, Recreation, Tourism, and Related Professions</td>
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<tr>
<td>Recreation (Undergraduate)</td>
<td>Association to Advance Collegiate Schools of Business</td>
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<tr>
<td>Parker College of Business</td>
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<td>Accounting (Undergraduate and Graduate)</td>
<td>American Society for Biochemistry and Molecular Biology (Provisional)</td>
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<tr>
<td>Parker College of Business (Undergraduate and Graduate)</td>
<td>Designation as a Professional Science Master's - Affiliate Membership (non-thesis track only)</td>
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<tr>
<td>College of Education</td>
<td>Council for the Accreditation of Educator Preparation and Georgia Professional Standards Commission</td>
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<tr>
<td>College of Education (Undergraduate and Graduate)</td>
<td>Council for Accreditation of Counseling and Related Educational Programs</td>
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<td>School Psychology</td>
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<td>Allen E. Paulson College of Engineering and Computing</td>
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<td>Construction</td>
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<td>Electrical Engineering</td>
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</tr>
<tr>
<td>Mechanical Engineering</td>
<td>Engineering Accreditation Commission of ABET</td>
</tr>
</tbody>
</table>

**Auditing Courses**

A student may audit a course by submitting a written request to the Office of the Registrar. Academic credit is not awarded for auditing a class. Students may not transfer from audit to credit status or from credit to audit status after the last day of Drop/Add. A grade of "W" (audit) is entered on the student’s record. The student will be responsible for all fees charged for the audited course.

**Awarding a "W" after Midterm for non-Academic Reasons**

If a student wishes to withdraw from a course after the last day to withdraw without academic penalty, the course instructor must certify
on the "Petition to Withdraw from a Specific Course" form all four of the conditions below and recommend withdrawal:

1. All work was up-to-date as of the last day to withdraw without academic penalty.
2. The work was of passing quality at the last day to withdraw without academic penalty.
3. Attendance was satisfactory up to the last day to withdraw without academic penalty.
4. The factors justifying withdrawal are essentially non-academic and developed after the last day to withdraw without academic penalty.

The instructor will be asked by the student to deliver the form to his/her Department Chair. The Department Chair also must recommend the withdrawal. If the instructor and Department Chair approve the withdrawal, the form must be sent to the Dean. The instructor or the Department Chair may deliver the form to the Dean. The Dean will submit the petition to the Office of the Registrar if he/she approves and recommends the withdrawal. **Students who have met their six (6) maximum withdrawals will not be given the option to use this form to withdraw from any courses.**

**Class Attendance**

University policy requires all students to attend the first class meeting of all classes for which they are registered. Instructors are required to report attendance for all students registered in their classes. Students who are verified as "Not Attending" the first class meeting of a course for which they are registered will be dropped from the course. This policy applies to all levels of courses and includes on campus, off campus, distance learning, two way interactive video, and internet (online) classes. For online classes, students are usually required to make a discussion posting or send an email to the course instructor on the first day. It is the student’s responsibility to verify course drops and check that fees are adjusted. Students who have verifiable extenuating circumstances which prohibit them from attending the first day of classes must contact their instructor or complete the "First Day Exemption Request" form available online through the student’s MyGeorgiaSouthern (https://my.georgiasouthern.edu) account to avoid being dropped from the course. In lieu of contacting the instructor or completion of the web form, students may also call the Office of the Registrar at (912) 478-5152.

Once completed, the “First Day Exemption Request” form is sent via email to both the Office of the Registrar and the instructor(s). A "First Day Exemption Request" form must be completed for each class that a student will not be able to attend on the first day for that particular class. The Office of the Registrar is only able to excuse an absence for the first day of class and an exception will be approved only for emergency reasons, such as serious illness (a note from Health Services or family physician will be required), the death of an immediate family member (a copy of the obituary will be required and an immediate family member is defined as one’s spouse, parents, grandparents, children, grandchildren, siblings and immediate in-laws), or military obligations (a copy of military orders will be required). Exceptions to attending the first day of class will not normally be made for any of the following reasons: wedding of the student, relative, or friend; part-time job or job interview; vacation; or convenience of travel schedule. Exceptions to these guidelines can be made, but should be based on a very compelling case.

If the absence is for one day and meets the above criteria the Office of the Registrar will approve the absence by holding the seat for the student and notifying the student and appropriate instructor(s) via email. Student documentation for the absence should be sent to the Office of the Registrar within the first two weeks of class. Requests for attendance exemptions that are not for the reasons specified above will not be approved by the Office of the Registrar. In this situation the student and appropriate instructor(s) will receive an email notification that the Office of the Registrar is not able to verify their attendance and to contact the instructor directly. Only the instructor and/or the Provost can hold seats if the absence is for more than the first day of class. Questions about this process can be directed to the Office of the Registrar at (912) 478-5152 or sent via email to attendance@georgiasouthern.edu. (attendance@georgiasouthern.edu)

Students are expected to attend all classes. Each professor has the responsibility for setting specific policies concerning class attendance beyond the first class meeting, including whether they will accept excused absences and whether they will allow work missed to be made up. Professors should clearly state policies to each class and make clear what constitutes excessive absences. Departments may establish policies concerning class attendance provided there is unanimous agreement by faculty members within the department. The student is responsible for all material presented in class and for all announcements and assignments whether or not the student is in attendance. For Financial Aid reasons, attendance of all students will be officially verified before financial aid will be disbursed. Students who have been recorded as “Not Attending” may not receive their financial aid and will be dropped from the class roster. Students may check their attendance status via WINGS.

Students participating in authorized activities as an official representative of the University (i.e., athletic events, delegate to regional or national meetings or conferences, participation in university-sponsored performances) will not receive academic penalties and, in consultation with the instructor of record, will be given reasonable opportunities to complete assignments and exams or given compensatory assignment(s) if needed. The student must provide written confirmation from a faculty or staff advisor to the course instructor(s) at least 10 days prior to the date for which the student will be absent from the class. The student is responsible for all material presented in class and for all announcements and assignments. When possible, students are expected to complete these assignments before their absences. In the event of a disagreement regarding this policy, an appeal may be made by either the student or the instructor of record to the corresponding college dean.

Students whose military obligations require their absence from class for more than the first day may seek an exemption from the class attendance policy. Students will begin the process by logging onto their MyGeorgiaSouthern (https://my.georgiasouthern.edu) and click on the First Day Exemption Request listed under the Registration Information block. The student will then receive an email with information informing them that they must contact the appropriate college Associate Dean for which the particular class belongs to request an exemption from the class attendance policy. The Associate Dean will then work with the appropriate Department Chair and faculty to ensure that your instructor is contacted and made aware of your request for an exemption. Instructors will carefully consider your request and base his/her decision upon the course attendance policies and your ability to address any missed coursework upon your return. Additionally, the student will need to provide to the appropriate Associate Dean a copy of their military orders which can be delivered to them either in person or by email.

The University does not issue an excuse to students for class absences. In case of absences as a result of illness, representation of the University in athletic and other activities, or special situations, instructors may be informed of reasons for absences, but these are not excuses.

It is the policy of the University to permit students, faculty, and staff to observe those holidays set aside by their chosen religious faith. The faculty should be sensitive to the observance of these holidays so that students who choose to observe these holidays are not seriously disadvantaged. It is the responsibility of those who wish to be absent to make arrangements in advance with their instructors.
Course Withdrawal Policy

Students are allowed to withdraw (published on the University Calendar for each semester) from a course up to and including the last day to withdraw without academic penalty. Withdrawing from a course requires either the submission of a withdrawal via WINGS or the submission of a paper “Course Withdrawal” form to the Office of the Registrar. Fees will not be reduced if a student withdraws from a course and grade of “W” will be recorded on their transcript.

Before withdrawing from a class, students should speak with their instructors, academic advisors, and financial aid counselors. While there can be good reasons for withdrawing from a course, a student should understand the consequences of withdrawing from a course in regards to their degree program, progress towards graduation, and financial aid.

Credit Hour Policy

Georgia Southern’s Credit Hour Policy follows the Federal Definition and the policies in effect at our accrediting body, the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) as well as at the University System of Georgia (USG).

Policy Statement

The Federal Definition

“A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that reasonably approximates not less than –

1. One hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately 15 weeks for one semester or trimester hour of credit, or 10 to 12 weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or
2. At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credits.

SACSCOC Credit Hour Policy

www.sacscoc.org (http://www.sacscoc.org)

As part of its review of an institution seeking continuing accreditation, SACSCOC conducts reviews of an institution’s assignment of credit hours. Academic credit has provided the basis for measuring the amount of engaged learning time expected of a typical student enrolled not only in traditional classroom settings but also laboratories, studios, internships, and other experiential learning and distance and correspondence education. Students, institutions, employers, and others rely on the common currency of academic credit to support a wide range of activities, including the transfer of students from one institution to another. For several decades, the federal government has relied on credits as a measure of student academic engagement as a basis of awarding financial aid. The University System of Georgia’s definition of credit hours states, “The academic year shall consist of two (2) regular semesters, each not to be less than fifteen (15) calendar weeks in length excluding registration....A minimum of 750 minutes of instruction or equivalent is required for each semester credit hour.” (USG Policy Manual Section 3.4)

Georgia Southern Credit Hour Policy

The Georgia Southern Credit Hour Policy applies to all courses at all levels (undergraduate, graduate, and professional) that award academic credit on an official transcript regardless of the mode of delivery including, but not limited to, fully online, hybrid, lecture, seminar, laboratory, studio, directed study, or study abroad. The academic units are responsible for ensuring that credit hours are awarded only for work that meets the requirements outlined in this policy.

Lecture Courses

Traditional lecture-based courses that meet only in a face-to-face format must meet for 750 minutes for each semester credit hour, whether offered in a full-semester, half-semester, or 5-week format. When courses are offered in hybrid or fully online format, 750 engaged minutes are still required and expected for each hour of credit and course content and learning outcomes should be equivalent to those established in face-to-face sections of the same course.

Laboratory/Studio/Clinical Courses

Georgia Southern will require 1500 engaged minutes for each semester credit hour. In the case of laboratory, studio, or clinical courses, most of these engaged minutes will be spent in the actual execution of the laboratory, studio, or clinical exercises. When the laboratory, studio, or clinical is offered in an online format, 1500 engaged minutes are still required for each hour of credit and course content and learning outcomes should be equivalent to those established in face-to-face sections of the same course.

Additionally, there is an expectation that students spend a minimum of two hours on course work outside of class for every hour spent in class. Out-of-course-work might include, but not be limited to, such assignments as course related readings, research activity, project development, written theme or research papers, preparation for examinations, participation in discussion boards or focused chat rooms.

DegreeWorks

DegreeWorks is a degree auditing system. It is a web-based program that provides easy access for students and advisors to track courses completed and plan for those still needed in preparation for registration and graduation. It allows for easier, more efficient advising and it assists advisors in tracking student and advisor meetings. DegreeWorks should be used to enhance face-to-face advisement meetings. Using DegreeWorks will help students and the University with planning needs. DegreeWorks functions can be used similarly for Undergraduate and Graduate students. Information is the same for both unless otherwise noted. em.georgiasouthern.edu/registrar/students/degreeworks.

Grade Point Average

The grade point average is the grade average on all work for which the student is enrolled excluding learning support and institutional credit. It is calculated by dividing the total number of grade points earned by the total number of credits attempted (GPA hours). The total institutional GPA is based only on the course work done at Georgia Southern and does not include transfer course work. To calculate your GPA, go to the First-Year Experience website at academics.georgiasouthern.edu/fye/academics-101/gpa-standing/ and click on “Calculating Your GPA.”

The total institutional GPA is used for determining a student’s academic standing. A student shall be in good academic standing unless he/she has been suspended or excluded from the University and not readmitted. An undergraduate student may repeat any course and the most recent grade becomes the official grade for the course even if the most recent grade is lower. In computing the total institutional grade point average all grades will be used. Students should be aware that all grades earned at Georgia Southern will appear on the Georgia Southern transcript.

A GPA is computed for each level (undergraduate, masters, specialist, doctorate) of course work. For example, a student who has been enrolled
as both an undergraduate and a masters student will have one GPA for all undergraduate course work and one GPA for masters course work.
## Grading Systems

All institutions of the University System of Georgia (USG) shall be on a 4.0 grade point average system. The following grades are approved for use in institutions in the determination of the Grade Point Average (GPA):

### Symbols | Explanation | Grade Points
--- | --- | ---
A | Excellent | 4.0
B | Good | 3.0
C | Satisfactory | 2.0
D | Passing | 1.0
F | Failure | 0.0
WF | Withdrawn Failing | 0.0
K | By Examination | 0.0
NR | Not Reported | 0.0
S | Satisfactory | 0.0
U | Unsatisfactory | 0.0
V | Audit | 0.0
W | Withdrawn | 0.0
WH | Withdrawn Hardship | 0.0
WM | Withdrawn Failing | 0.0
IP | In Progress | 0.0
S | Satisfactory | 0.0
C | Credit by Examination | 0.0
IP | In Progress | 0.0

The following symbols are approved for use in the cases indicated, but will not be included in the determination of the Grade Point Average (GPA):

### Symbols | Explanation
--- | ---
I | Incomplete
IP | In Progress
K | By Examination
NR | Not Reported
S | Satisfactory
U | Unsatisfactory
V | Audit
W | Withdrawn
WH | Withdrawn Hardship
WM | Withdrawn Failing

### Explanation
- **Incomplete (I)**: This symbol indicates that credit has not been given for courses that require an "IP" continuation of work beyond the semester for which the student signed up for the course. The use of this symbol is approved for dissertation, thesis hours and project courses. With the exception of Learning Support courses, this symbol cannot be used for other courses. This symbol cannot be substituted for an "I".
- **By Examination (K)**: This symbol indicates that a student was given credit for the course by examination (e.g., College Level Examination Program (CLEP), Advanced Placement (AP), International Baccalaureate (IB), and Proficiency). See “Credit by Examination” in the Admissions section of the catalog. K credit is only available to undergraduate students.
- **Not Reported (NR)**: This symbol indicates that a grade has not been reported for the course by the instructor. The student should contact his/her instructor for the grade.
- **Audit (V)**: This symbol indicates that satisfactory credit has been given for completion of degree requirements other than academic course work. The use of this symbol is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, and proficiency requirements in graduate programs. Also, this symbol is used for academic alerts and indicates that performance is equivalent to a “C” or better grade. Academic alerts will be submitted for all students enrolled in courses from Area A-E of the core curriculum and courses departments identify as appropriate for academic alerts. A “S” is not included in the computation of the GPA.
- **Withdrawn (W)**: This symbol indicates one of the following: 1) A student was permitted to withdraw from a course without academic penalty. The “W” grade is assigned when a student withdraws before the last day to withdraw without academic penalty unless the student has reached his/her maximum of six withdrawals. If the student has reached his/her maximum six withdrawals, the student will have the choice to remain in the class and receive the grade he/she earns or proceed with the withdrawal and a "WF" will be assigned to the course by the Office of the Registrar (see “WF” grade description for more details); 2) A student was administratively withdrawn from his/her course(s) as a result of the student’s failure to complete all requirements for matriculation; 3) A student was administratively withdrawn from his/her course due to student conduct/judicial reasons. A “W” is not considered in computing the GPA.
WF  This symbol indicates one of the following: 1) A "WF" grade is an option for a student who is wanting to withdraw from a class and has met his/her maximum six withdrawals at Georgia Southern. If the student has reached his/her maximum six withdrawals, the student will have the choice to remain in the class and receive the grade he/she earns or proceed with the withdrawal and a "WF" will be assigned to the course by the Office of the Registrar; 2) If a student withdraws from all classes after the last day to withdraw without academic penalty, a "WF" grade will be posted by the Office of the Registrar. "WF" grades are calculated in the student's GPA as an "F" grade.

WH  In the event a student faces circumstances of extreme duress beyond his/her control, the student may request a Withdrawal Hardship from the university.¹

WM  A "WM" grade indicates that the student was called for active duty in the military and withdrew from all classes.²

¹ Please see "Withdrawal Hardship (p. 512)" for further information.
² Please see "Military Withdrawals (p. 510)" for further information.

Other Transcript Designations

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<th>Symbols</th>
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<tr>
<td>#</td>
<td>Academic Renewal (Forgiveness) - will be used in the total institution GPA and transfer GPA upon Academic Renewal; All past grades of &quot;A&quot;, &quot;B&quot;, &quot;C&quot;, and &quot;S&quot; will remain in the hours earned toward graduation, but they will not be included in the total institution GPA and transfer GPA upon academic renewal. Academic Renewal is only available to undergraduate students.</td>
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<td>*</td>
<td>Required High School Curriculum (RHSC)</td>
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<tr>
<td>%</td>
<td>Institutional Credit - No Earned Hours - not used in calculating GPA</td>
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<td>!</td>
<td>Consolidation GPA Renewal</td>
</tr>
<tr>
<td>CR</td>
<td>Credit earned through military experience - not used in calculating GPA</td>
</tr>
<tr>
<td>N</td>
<td>When succeeding a grade, used to designate transfer credit - No credit awarded</td>
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<tr>
<td>T</td>
<td>When succeeding a grade, used to designate transfer credit</td>
</tr>
</tbody>
</table>

Institutional Testing Schedule 2019-2020

(Dates are subject to change, please verify dates at (georgiasouthern.edu/success/testing))

American College Test (ACT) - Residual/On-Campus

(georgiasouthern.edu/success/testing/act-residual)

The ACT-R is offered in both Statesboro and Savannah by group appointment or by private appointment. Learn more about the ACT-R concerning testing dates and registration at georgiasouthern.edu/success/testing/act-residual.

Testing is available by appointment Monday through Friday at 8:30 am. To schedule a private appointment in Statesboro or Savannah contact the Savannah Testing Office at 912-344-2582 or the Statesboro Office at 912-478-5415. The ACT-Residual Exam is not administered from September 1 - October 31, each year.

Miller Analogies Test (MAT)

(georgiasouthern.edu/success/testing/mat)

The MAT is offered in both Savannah and Statesboro. Learn more about the MAT concerning testing dates and registration by visiting the testing website (https://academics.georgiasouthern.edu/success/testing/20mat).

Testing is also available by appointment Monday through Friday between 9:00 a.m. - 4:00 p.m. To schedule a private appointment in Statesboro or Savannah, contact the Savannah Testing Office at 912-344-2582 or the Statesboro Office at 912-478-5415.

HESI Admissions Assessment (A2)

Nursing Entrance Exam

(georgiasouthern.edu/success/testing/net)

Offered in both Savannah and Statesboro by group appointments with registration information and testing dates listed on the website (https://academics.georgiasouthern.edu/success/testing/net). Testing is available by private appointment Monday through Friday between 8:30 a.m. - 1:30 p.m. To schedule a private appointment in Statesboro or Savannah, contact the Savannah Testing Office at 912-344-2582 or the Statesboro Office at 912-478-5415.

College Level Examination Program (CLEP)

(georgiasouthern.edu/success/testing/clep)

Offered in both Statesboro and Savannah.

CLEP allows students to earn credit for certain courses by taking a CLEP exam. To learn more about CLEP Exams and which exams are accepted at Georgia Southern University, see the CLEP website (http://academics.georgiasouthern.edu/success/testing/clep). To schedule an appointment in Statesboro or Savannah, contact the Savannah Testing Office at 912-344-2582 or the Statesboro Office at 912-478-5415.

DSST

(georgiasouthern.edu/success/testing)

DSST allows students to earn credit for certain courses by taking a DSST exam. To learn more about DSST Exams and which exams are accepted at Georgia Southern University, see: georgiasouthern.edu/success/testing/dsst.

To schedule a private appointment in Statesboro or Savannah, contact the Savannah Testing Office at 912-344-2582 or the Statesboro Office at 912-478-5415.

Certiport Exam

(georgiasouthern.edu/success/testing/mso)

Offered by appointment in Statesboro Monday through Friday by calling (912) 478-5415. Exams that Georgia Southern University students are specifically interested in taking include the Microsoft Office Specialist Certification and the Microsoft Technology Associate. Review the Certiport website (https://certiport.pearsonvue.com), to learn more about additional certification exams.

TEAS

(georgiasouthern.edu/success/testing/teas)

The TEAS -Allied Health Exam is only offered in Savannah. To learn more about registration and testing dates see the website
at georgiasouthern.edu/success/testing/teas. For questions contact the Testing Office in Savannah at 912-344-2582 or testingsav@georgiasouthern.edu.

**MAPP**

(georgiasouthern.edu/success/testing/mapp)

The MAPP is only offered in Savannah. To learn more about registration and testing dates see the website at georgiasouthern.edu/success/testing/mapp. For questions contact the Testing Office in Savannah at 912-344-2582 or testingsav@georgiasouthern.edu.

**Major Fields Test (MFT)**

(georgiasouthern.edu/success/testing/mft)

The MFT is offered both in Savannah and Statesboro. To learn more about registration and testing dates see the website at georgiasouthern.edu/success/testing/mft. For questions contact the Testing Office in Savannah at 912-344-2582 or testingsav@georgiasouthern.edu or for Statesboro call 912-478-5415 or testing@georgiasouthern.edu.

**Contact Information**

Office of Testing Services
Savannah:
912-344-2582 or testingsav@georgiasouthern.edu
(testingsav@georgiasouthern.edu)

Statesboro:
912-478-5415 or testing@georgiasouthern.edu

**Military Withdrawals**

A student who is called to active duty to serve in the military while attending courses at Georgia Southern is eligible to receive a Military Withdrawal. Students receiving this type of withdrawal are withdrawn as of the first day of University classes for the semester. A 100% refund is issued. The student will receive "WM" grades for all courses that s/he enrolled in during the semester. The "WM" grades that are assigned will not affect the student's GPA. To process this type of withdrawal, the student needs to submit a "Withdrawal Form." The student will need to provide the Office of the Registrar with a copy of his/her orders stating the date and place of deployment assigned by the military. Military withdrawals are exempt from the Policy Limiting Individual Course Withdrawals.

**Music Program**

Each academic year, the Department of Music presents more than 100 public concerts, including performances in the Faculty Artist Series, Guest Artist Series, concerts by large and small ensembles, and student recitals. Most performances on the Statesboro Campus take place in the beautiful 287-seat Carol A. Carter Recital Hall in the Foy Building; most performances on the Armstrong Campus take place in the Fine Arts Auditorium in the Fine Arts Building.

The Department's performing ensembles include the Georgia Southern Symphony, Southern Chorale, University Singers, Armstrong University Chorale, Armstrong Vocal Chamber Ensemble, Southern Pride Marching Band, Symphonic Wind Ensemble, Wind Symphony, Armstrong Wind Ensemble, Savannah Wind Symphony, Jazz Ensemble, and Georgia Southern Opera, as well as numerous chamber ensembles.

Individual students perform in graduation, junior, senior, and graduate solo recitals. Information about the Department of Music, including the Concert Calendar, is available from the Department of Music web page at cah.georgiasouthern.edu/music/.

**National Testing Schedule 2019-2020**

(Dates are subject to change)

**American College Test (ACT)**

(www.actstudent.org)

The Office of Testing Services in Statesboro offers the National Saturday ACT Exam. To learn more about the testing dates and registration information visit the ACT website at actstudent.org.

**Scholastic Aptitude Test (SAT)**

(sat.collegeboard.org)

The Office of Testing Services in Statesboro offers the National Saturday SAT Exam. To learn more about the testing dates and registration information visit the SAT website at sat.collegeboard.org.

**Graduate Record Exam (GRE) Subject Tests**

(www.ets.org/gre)

The Office of Testing Services in Statesboro and Savannah offers the GRE-Subject Test. To learn more about the testing dates and registration information visit the GRE-Subject website at est.org/gre.

**Law School Admission Test (LSAT)**

(www.lsac.org)

The Office of Testing Services in Statesboro offers the LSAT Exam. To learn more about the testing dates and registration information visit the LSAC website at lasc.org.

**American Council for Exercise Exams (ACE)**

(acefitness.org)

Offered on the computer by appointment through Castle WorldWide in both Savannah and Statesboro. For registration information visit acefitness.org.

**Georgia Assessments for the Certification of Educators (GACE)**

(gace.ets.org)

The GACE is offered in both Savannah and Statesboro. To learn more about the GACE website for the testing dates and to register for the exam. The site number for Savannah is STN14607A and Statesboro STN14503A and STN13816A.

**HESI Admissions Assessment (A2) Nursing Entrance Exam**

(georgiasouthern.edu/success/testing/net)
Offered in both Savannah and Statesboro by group appointments with registration information and testing dates listed on the website (http://georgiasouthern.edu/success/testing/net). Testing is available by private appointment Monday through Friday between 8:30 a.m. - 1:30 p.m. To schedule a private appointment in Statesboro or Savannah, contact the Savannah Testing Office at 912-344-2582 or the Statesboro Office at 912-478-5415.

**Test of English as a Foreign Language (TOEFL)**

(www.ets.org/toefl (http://www.ets.org/toefl))

See the TOEFL website (http://www.ets.org/toefl) for the testing dates and to register for the exam. The exam is only administered in Statesboro in the STN13816A.

**Board of Certification (BOC) Athletic Training Certification Exam**

(bocatc.org (http://bocatc.org))

Offered on the computer during the national testing periods through CastleWorld Wide.

For more information concerning testing or registration for a test, check the Office of Testing Services web page at georgiasouthern.edu/success/testing or call (912) 478-5415 or email testing@georgiasouthern.edu for Statesboro or (912) 344-2582 or testingsav@georgiasouthern.edu.

**Petition to Review/Change a Grade**

The evaluation of the quality of a student’s performance is the prerogative of the instructor. Nothing stated below is intended to place a limitation on this prerogative and the instructor will be involved in the review at each stage in the appeal process. All grade appeals should be viewed as confidential matters between the student, the instructor, and the appropriate administrators.

If a student does not understand the reason for a grade, it is the student’s responsibility to consult the instructor of the course about the grade. If after such consultation the student does not agree with the basis on which the grade was assigned, the student may initiate an appeal according to the procedures given below. The burden of proof will rest with the student. There are four stages of appeal available to a student and they must be followed sequentially. This policy applies to Fall, Spring, and Summer semesters.

Stages Two through Four must be completed during the semester immediately following the semester in which the grade was assigned unless an extension is authorized by the Provost. At the completion of each stage of the appeal, the student is to be notified of the decision in writing.

**Procedures**

**Stage One:** An appeal must be initiated within 14 working days after the first day of class of the semester which immediately follows the semester for which the grade was awarded. The student should petition the instructor in writing, giving salient reasons for the grade appeal. The student should retain a copy of the written appeal for personal records.

**Stage Two:** If the student is not satisfied after the review by the instructor, the student should consult the department chair and submit a copy of the written appeal. The department chair will attempt to resolve the grade appeal. The chair will meet with the instructor and may consult with other persons who have relevant information.

**Stage Three:** If all efforts to resolve the grade appeal at the departmental level are unsuccessful, the student may submit the written appeal to the dean of the appropriate college. The dean will examine the appeal and other pertinent materials submitted by the student. The dean will meet with the instructor and may also request from the instructor materials deemed relevant. In an attempt to resolve the grade appeal, the dean may interview the student, instructor, and others who may have pertinent information. If the dean determines the need for a review committee to examine the issue, the committee shall consist of:

- One faculty member from the department
- One faculty member from the college, but not from the department of the instructor
- One faculty member from another college
- Ex Officio: A staff member from Student Affairs recommended by the Vice President for Student Affairs

The committee, if appointed, will advise the dean regarding the grade under appeal. Whether the dean chooses to appoint a committee or not, the dean will render a final decision on the grade appeal at the college level.

**Stage Four:** If all efforts to resolve the grade appeal at the college level are unsuccessful, the student may submit the written appeal to the Provost. The Provost will examine the appeal and other pertinent materials submitted by the student. The Provost will meet with the instructor and also may request materials deemed relevant. In an attempt to resolve the grade appeal, the Provost may interview the student, instructor, and others who may have pertinent information.

If a committee was constituted at the college level, the Provost will review the process, the committee findings, and the decision of the dean and render a final University decision. If a committee was not appointed at the college level, the Provost has the option of appointing a review committee which will conform to the composition described in Stage Three. The committee, if appointed, will advise the Provost regarding the grade under appeal. Whether the Provost chooses to appoint a committee or not, the Provost will render a final University decision.

**Policy for Changing a Student's Final Examination**

A change in a student’s final examination schedule will be approved only for emergency reasons, such as serious illness (a note from Health Services or family physician is required) or the death of an immediate family member (a letter or phone call from a parent, guardian, or physician is required). Letters and phone calls should be directed to the appropriate faculty member.

Final examination schedules will not normally be changed for any of the following reasons: wedding of the student, relative, or friend; part-time or full-time job or job interview; internship or field study; vacation; graduation of relative or friend; convenience of travel schedule; or only one final examination remaining at the end of the week. Exceptions to these guidelines can be made, but should be based on a very compelling case.

Using these guidelines, the student may submit a Request to Reschedule a Final Examination form to the instructor, who, with approval of the department chair, has authority to reschedule the final examination to a new time not conflicting with other regularly scheduled examinations or classes if he or she desires. This form is available on the Provost Office website (academics.georgiasouthern.edu/forms/) under the Forms section entitled Reschedule Final Exam Form.
Policy for Changing a Student’s Final Examination if There is a Conflict

A conflict is defined as three exams in a calendar day or two exams at the same time. Conflict Periods are scheduled at the stated times in the semester exam schedule, which can be accessed at: em.georgiasouthern.edu/registrar/students/classinformation/. To resolve a conflict in which a student has two examinations scheduled for the same period, the instructor of the lower numbered course shall reschedule the exam to another time mutually agreed on by the instructor and the student, or too one of the Conflict Periods.

To resolve a conflict in which a student has three examinations scheduled in one calendar day, the examination scheduled for the middle period shall be rescheduled to another time mutually agreed on by the instructor and the student, or to a Conflict Period on another day. It is incumbent upon the student to petition his/her professor no later than the last week of classes so that an alternative arrangement can reasonably be made. The form is available on the Provost Office website (academics.georgiasouthern.edu/forms/) under the Forms section entitled Reschedule Final Exam Form.

Policy for Dropping Courses

A student who drops a course before the drop/add period is over does not receive a grade in the course and the course does not appear on the academic transcript. Courses dropped for non-attendance or for non-payment will also not appear on the academic transcript.

Retroactive Withdrawal

A student who wishes to leave the University for nonacademic reasons is expected to withdraw during the current semester as described in the Withdrawal from the University section. Requests to withdraw after the semester is over are rare and considered only if the student was somehow unable to withdraw. For example, students who were hospitalized or incarcerated, asked to perform military service on short notice, or seriously debilitating by a physical or mental illness may be unable to withdraw during the semester in which they are enrolled. In such cases, students may submit a letter of appeal to the Associate Provost along with the appropriate documentation (medical records, court documents, etc.) during the next long-session semester after the grade is reported. Requests made after that time will not be considered. Retroactive withdrawals will not be considered if the student has completed all course requirements such as a final examination and/or a final project.

Student Conduct Code

The Code of Student Conduct is the official University publication governing student conduct and behavior. It is the responsibility of each Student to become familiar with the rules and regulations governing student life.

Student conduct procedures, appeal procedures, and disciplinary sanctions are found in the Code of Student Conduct at students.georgiasouthern.edu/conduct. Georgia Southern University reserves the right to change the Code of Student Conduct when it becomes necessary to ensure the orderly operation of the University. For additional information, call the Office of Student Conduct at (912) 478-0059 or visit the web at students.georgiasouthern.edu/conduct.

Transcripts

Any current or former student needing to order an academic transcript from Georgia Southern’s Office of the Registrar will be required to use the following website:

www.credentials-inc.com/CGI-BIN/dvcgitp.pgm?ALUMTRO001572

Electronic and paper transcripts mailed first class will be a $10.00 charge. Visit the site below for pricing details.

www.credentials-inc.com/CGI-BIN/dvcgitp.pgm?ALUMTRO001572

All official transcripts requested by individuals through the website above are in compliance with the provisions of the Family Educational Rights and Privacy Act of 1974 (FERPA) as Amended and in conformance with the prescribed ordering procedures of Georgia Southern who has contracted with Credentials, Inc. of Northfield, IL for electronic and paper delivery of official transcripts via Credentials’ TranscriptsNetwork™. Authenticity of the relationship between Credentials Solutions and Georgia Southern may be verified by visiting the Office of the Registrar’s website: em.georgiasouthern.edu/registrar/students/transcriptrequest/

University Advancement

The Division of University Advancement is responsible for building and maintaining relationships with campus and external constituencies of the University. The Division nurtures the financial support and good will of alumni, parents, friends, businesses, corporations and foundations on behalf of Georgia Southern’s mission.

The Office of Development identifies, cultivates, secures and stewards philanthropic gifts in support of Georgia Southern University. Fundraising programs include annual campus and community campaigns and major and planned gift solicitations. It also serves as liaison for the Georgia Southern University Foundation, a non-profit 501(c)(3) organization. The Foundation oversees private funds given to meet educational and institutional needs at the University not addressed by state appropriations.

The Office of Alumni Relations serves the University by establishing and cultivating lifelong relationships with alumni and friends that result in their participation in and contribution to the growth of the University.

The Multimedia Development Center (The MDC) at Georgia Southern University is an award winning media center that develops video and interactive media to support the mission of the university.

Withdrawal Hardship

In the event a student faces circumstances of extreme duress beyond his/her control, the student may request a hardship withdrawal from the university. Hardship withdrawals are not meant to be used for appealing academic matters (e.g. grades), but should be used when a student seeks to withdraw from all classes and leave the university for the remainder of that semester. Students must apply for a Hardship Withdrawal with the Dean of Student’s Office prior to the last day of classes for the term they have experienced the hardship.

Hardship withdrawals should fall into one of three categories: medical, personal, or financial. Students will be required to justify their withdrawal with documentation. In instances where a student’s circumstances warrant only a partial withdrawal, documentation will be required to substantiate why this student is able to continue with some coursework but not all
coursework. If the hardship withdrawal is granted, the student will receive “WH” grades for courses that he/she enrolled in during the semester.

**Hardship Withdrawal Documentation**

Personal Statement of Hardship: The written personal statement of hardship should explain how and/or why the non-academic emergency impacted studies. It is essential that the student provide accurate details about the circumstances surrounding the hardship, date(s) of the hardship event(s), and an account of how the event(s) specifically prevented the completion of coursework. In addition, the student will provide official documentation supporting his/her hardship. This documentation should be consistent with the student’s personal statement, and all documentation will be verified prior to the rendering of any decision regarding the student's hardship withdrawal.

**Categories of Hardship and Documentation Requirements**

- **Medical** (e.g. physical or psychological emergencies): Students may petition for a hardship withdrawal from the University when significant physical or psychological impairments beyond the student’s control interfere with the ability to meet academic requirements.
  - The student will supply a physician's report on office letterhead. This document will include the physician’s name, address, phone number, nature of patient's illness or accident, dates of treatment, prognosis, and the reason they feel that the student can no longer complete his/her coursework. This document must be signed and dated.
  - Medical withdrawals are exempt from the Policy Limiting Individual Course Withdrawals.

- **Personal** (e.g. severe medical illness within family, death in the family, arrests, etc.): The student will supply appropriate documentation that builds a case for hardship withdrawal due to personal issues. These documents may include but are not limited to death certificates, obituaries, police reports, or physician's letters. The student should obtain documents that contain contact information, are dated, and, if possible, are notarized.
  - Students seeking withdrawal for personal reasons must apply with the Dean of Student's Office prior to the last day of classes for the semester they have experienced the personal hardship.
  - Personal withdrawals are exempt from the Policy of Limiting Individual Course Withdrawals.

- **Financial** (e.g. loss of sole-supporting job, mandatory job changes): The student will supply documentation from an employer or supervisor that clearly states the mandatory change and the date that these changes took place or will take place. This document should contain contact information for an organizational representative that can verify these changes, preferably a human resource professional.
  - A student's inability to have financial aid in place at the start of a semester is NOT grounds for hardship withdrawal due to financial issues.
  - Financial withdrawals are exempt from the Policy Limiting Individual Course Withdrawals.
  - Students that wish to apply for a Hardship Withdrawal for financial reasons must apply with the Dean of Student's Office prior to the last day of classes for the semester that they have experienced the financial issue.

**SPECIAL NOTE:** Application for a Hardship Withdrawal does not guarantee the student a grade of WH.

**Financial Aid Implications**

All students seeking either a partial or full hardship withdrawal from the University are strongly recommended to make an appointment with a financial aid counselor. This is of utmost importance if the student has received financial aid (e.g. scholarships, grants, loans, etc.). The granting of a hardship withdrawal may affect the student’s ability to receive future financial aid and may greatly affect the student’s ability to meet the Federally mandated Standards of Academic Progress. Students should be advised that the granting of a hardship withdrawal does not negate the requirements of meeting the Standards of Academic Progress or the policies regarding mandatory Return of Title IV funds.

**Withdrawing from the University**

To discontinue enrollment prior to the first day of University classes, a student should complete and submit a Voluntary Cancellation Form. Any student who wishes to withdraw from school during the semester must complete and submit an official Withdrawal Form. Failure to complete and submit an official Withdrawal Form will result in the assignment of failing grades in all courses for which the student registered. A withdrawal is not permitted after the last day of classes. Grades of "W" will be given for all courses if the withdrawal is before the last day to withdraw without academic penalty. Grades of "WF" will be given for all courses if the withdrawal is completed after the last day to withdraw. A "WF" grade is calculated in the GPA as an "F" grade. Students will not be able to withdraw from all of their classes via WINGS. WINGS prevents students from withdrawing from their last course over the web.

Before withdrawing from the university, students should speak with their instructors, academic advisors, and financial aid counselors. While there can be good reasons for withdrawing from the university, a student should understand the consequences in regards to their degree program, progress towards graduation, and financial aid.
### Faculty

This list includes full-time, regular and emeriti faculty for Fall 2018. The date enclosed in parentheses indicates the year the faculty member joined the faculty of Georgia Southern University. The asterisk denotes Graduate College faculty (members and affiliates).

<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Department</th>
<th>Education 1</th>
<th>Education 2</th>
<th>Education 3</th>
<th>Education 4</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>LISA L. ABBOTT, Associate Professor of Theatre</strong></td>
<td>B.S., Colorado State University, 1988</td>
<td>M.F.A., University of Portland, 1999 (2008)</td>
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<td></td>
<td><strong>ALAA ABDULLAH, Limited-Term Assistant Professor of Electrical and Computer Engineering</strong></td>
<td>B.A.S., University of Technology, 1989</td>
<td>M.A.S., Ryerson University, 2010</td>
<td>Ph.D., Ryerson University, 2014 (2018)</td>
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<td></td>
<td><strong>MARTHA L. ABELL, Professor of Mathematical Sciences</strong></td>
<td>B.S., Mercer University, 1984</td>
<td>M.S., Georgia Institute of Technology, 1987</td>
<td>Ph.D., Georgia Institute of Technology, 1989 (1989)</td>
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<td><strong>CHRISTINA ABNEY, Instructor of Science Education</strong></td>
<td>B.A., Concordia University, 1991</td>
<td>M.S.Ed., University of Nebraska-Kearney, 1999 (2017)</td>
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<td><strong>JURGITA ABROMAVICIUTE, Limited-Term Assistant Professor of Sociology</strong></td>
<td>B., Vilnius University, 2003</td>
<td>M., Vilnius University, 2005</td>
<td>M.A., East Carolina University, 2007</td>
<td>Ph.D., University of Arizona, 2018 (2018)</td>
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<td></td>
<td><strong>MARIA M. ADAMOS, Associate Professor of Philosophy</strong></td>
<td>B.A., Middlebury College, 1992</td>
<td>M.A., University of California-Santa Barbara, 1994</td>
<td>Ph.D., University of California-Santa Barbara, 2000 (2000)</td>
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<td></td>
<td><strong>JOSEPH V. ADAMS, Dean Emeritus, College of Arts and Sciences, and Professor Emeritus of Psychology</strong></td>
<td>B.A., Tennessee Temple College</td>
<td>M.A., Baylor University</td>
<td>Ph.D., University of Alabama (1970)</td>
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<td></td>
<td><strong>Laurie Adams, Associate Professor of Radiologic Sciences</strong></td>
<td>B.S., University of Central Florida, 1987</td>
<td>M.S., University of North Florida, 1992</td>
<td>Ed.D., Georgia Southern University, 1998 (2009)</td>
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<td><strong>TRIP C. ADDISON, Vice President for University Advancement and External Affairs</strong></td>
<td>B.S.Cons., Georgia Southern University, 2008</td>
<td>M.B.A., Georgia Southern University, 2009 (2015)</td>
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<td></td>
<td><strong>OULUFUNKE ADEFOPE, Associate Professor of Mathematics Education</strong></td>
<td>B.A., Stony Brook University, State University of New York, 1998</td>
<td>M.A., Columbia University, 2003</td>
<td>Ph.D., Indiana University, 2012 (2012)</td>
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<td><strong>ATIN ADHIKARI, Assistant Professor of Environmental Health Sciences</strong></td>
<td>B.S., Visva Bharati University, 1991</td>
<td>M.S., Visva Bharati University, 1993</td>
<td>Ph.D., Jadavpur University, 2001 (2014)</td>
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<td></td>
<td><strong>AMELIA ADKINS, Professor and Chair, Department of Middle Grades and Secondary Education</strong></td>
<td>B.A., Georgia Southern University, 1990</td>
<td>M.Ed., Georgia Southern University, 1992</td>
<td>Ph.D., University of North Carolina-Chapel Hill, 1997 (2017)</td>
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<td></td>
<td><strong>EVANS AFRYIE-GYAWU, Associate Professor of Environmental Health Sciences</strong></td>
<td>B.S., Texas A&amp;M University, 1998</td>
<td>M.P.H., Texas A&amp;M University Health Sciences Center, 2000</td>
<td>Ph.D., Texas A&amp;M University, 2004 (2008)</td>
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<td></td>
<td><strong>LAURA AGNICH, Associate Professor and Interim Chair, Department of Criminal Justice and Criminology</strong></td>
<td>B.S., Virginia Tech, 2005</td>
<td>M.S., Virginia Tech, 2007</td>
<td>Ph.D., Virginia Tech, 2011 (2012)</td>
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<td></td>
<td><strong>MOHAMMAD ABDUL AHAD, Associate Professor of Electrical Engineering</strong></td>
<td>B.S.E.E., Bangladesh University of Engineering and Technology, 1998</td>
<td>M.E., University of Tennessee, 2007</td>
<td>Ph.D., University of Tennessee, 2007 (2009)</td>
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<td><strong>SYED HASSAN AHMED, Assistant Professor of Computer Science</strong></td>
<td>B.S., Kohat University of Science and Technology, 2011</td>
<td>Ph.D., Kyungpook National University, 2017 (2018)</td>
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<td></td>
<td><strong>KARELLE SIMONE AIKEN, Associate Professor of Chemistry</strong></td>
<td>B.A., Williams College, 2000</td>
<td>Ph.D., University of New Hampshire, 2005 (2007)</td>
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<td><strong>METE AKCAOGLU, Associate Professor of Instructional Technology</strong></td>
<td>B.A., Bogazici University, 2003</td>
<td>M.A., Middle East Technical University, 2008</td>
<td>Ph.D., Michigan State University, 2013 (2014)</td>
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<td><strong>AHMET AKTURK, Assistant Professor of History</strong></td>
<td>B.S., Middle East Technical University, 2004</td>
<td>M.A., University of Arkansas, 2006</td>
<td>Ph.D., University of Arkansas, 2013 (2013)</td>
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<td></td>
<td><strong>KATHY SEYMORE ALBERTSON, Associate Professor of Writing and Linguistics</strong></td>
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</tbody>
</table>
NATHANIEL C. ALEXANDER, Professor Emeritus of Teaching and Learning
B.A., Armstrong State College, 1988
M.A., Georgia Southern University, 1990
Ph.D., Indiana University of Pennsylvania, 2006 (1990)

*Moya Lynn Alfonso, Associate Professor of Community Health Behavior and Education
B.A., University of South Florida, 1997
M.S.P.H., University of South Florida, 2000
Ph.D., University of South Florida, 2007 (2010)

*Mehdi Allahyari, Assistant Professor of Computer Science
B.S., University of Kashan, 2005
Ph.D., University of Georgia, 2016 (2017)

*Andrew A. Allen, Assistant Professor of Computer Science
B.S., Florida International University, 2005
M.S., Florida International University, 2009
Ph.D., Florida International University, 2011 (2011)

*Moniche Christine Aller, Assistant Professor of Physics
B.A., Wellesley College, 1999
M.S., University of Michigan, 2001
Ph.D., University of Michigan, 2007 (2014)

*David C. Alley, Professor of Spanish
B.A., Macalester College, 1975
M.Ed., University of Georgia, 1981
Ed.D., University of Georgia, 1988 (1988)

*William T. Allison III, Professor of History
B.A., East Texas State University-Commerce, 1989
M.A., East Texas State University-Commerce, 1991
Ph.D., Bowling Green State University, 1995 (2008)

*Kasie E. Alt, Assistant Professor of Art History
B.A., Northern Michigan University, 2009
M.A., University of Wisconsin-Madison, 2011
Ph.D., University of Texas-Austin, 2017 (2018)

*Heidi M. Altman, Associate Professor of Anthropology
B.A., Florida State University, 1987
M.A., Florida State University, 1990
Ph.D., University of California-Davis, 2002 (2005)

*Dragos Amarie, Assistant Professor of Physics
Dipl., Alexander Ioan Cuza University, 1999
M.S., Alexander Ioan Cuza University, 1999
Ph.D., Indiana University, 2009 (2014)

*Olga Amarie, Associate Professor of French
B.A., A. Russo Balti State University, 1996
Ph.D., Indiana University, 2011 (2011)

*Allen Amason, Dean, Gregory M. Parker College of Business, and Professor of Management
B.B.A., Georgia Southern College, 1984
Ph.D., University of South Carolina-Columbia, 1993 (2013)

*Allison Jean Amonette, Associate Professor of Chemistry
B.S., Western Kentucky University, 1992
M.S., The Ohio State University, 1995
Ph.D., The Ohio State University, 1998 (1998)

*William A. Amponsah, Assistant Professor of Economics
B.S., Berea College, 1984
M.S., University of Kentucky, 1986
Ph.D., The Ohio State University, 1991 (2006)

*Lori E. Amy, Professor of Writing and Linguistics
B.A., University of Hawaii-Manoa, 1985
M.A., University of California-San Diego, 1987

*Tuyin An, Assistant Professor of Mathematical Sciences
B.S., Xi'an University, 2004
M.A., New York University, 2009
Ph.D., Purdue University, 2017 (2017)

*Donald D. Anderson, Dean Emeritus, Community Services, and Registrar Emeritus
B.S., Georgia Southern College
M.A., Georgia Peabody College
Ph.D., Auburn University (1966)

*Dustin Anderson, Associate Professor of Literature
B.A., Carson-Newman College, 2002
M.A., Florida State University, 2006
Ph.D., Florida State University, 2010 (2010)

*Gregory S. Anderson, Director, Office of Sophomore Year Experience, and Lecturer of Leadership
B.A., Bridgewater State College, 1990
M.Ed., University of South Carolina-Columbia, 1993
Ed.D., Georgia Southern University, 2002 (1996)

*Carol M. Andrews, Associate Professor of English
B.A., Furman University, 1972
M.A., Vanderbilt University, 1973
Ph.D., Vanderbilt University, 1984 (1988)

*Dmitry Apanaskevich, Assistant Curator, U.S. National Tick Collection, and Professor of Biology
B.B., St. Petersburg State University, 1998
M.B., St. Petersburg State University, 2000

*Bettye A. Apenteng, Associate Professor of Health Policy and Community Health
B.S., University of Washington, 2008
Ph.D., University of Nebraska Medical Center, 2013 (2013)

*John A. Ard, Lecturer, University Libraries
B.A., Georgia Southern College, 1989
M.L.I.S., University of South Carolina-Columbia, 2000 (2009)

*Omid M. Ardakani, Assistant Professor of Economics
B.A., University of Yazd, 2006
M., University of Tehran, 2009

*Olavi Arens, Professor of History
A.B., Harvard University, 1963
M.A., Columbia University, 1969
Ph.D., Columbia University, 1976 (1974)

Julius Fellows Arai, University Librarian Emeritus and Associate Professor Emeritus
A.B., Emory University, 1967
M.S., Florida State University, 1976
M.A., Georgia Southern College, 1980 (1976)

Harry Joseph Arling, Professor Emeritus of Music
B.M., Southern Illinois University, 1965
M.M., Southern Illinois University, 1965

DONALD J. ARMEL, Professor Emeritus of Art
B.S., Indiana State University, 1977
B.S., Indiana State University, 1978
M.S., Indiana State University, 1980
Ph.D., Southern Illinois University, 1995 (1996)

*NANCY M. ARRINGTON, Associate Professor of Early Childhood Education
A.S., Anderson College, 1977
B.A., Clemson University, 1978
M.Ed., Clemson University, 1986
Ph.D., Clemson University, 2010 (2010)

*ASLI ASLAN, Assistant Professor of Environmental Health Sciences
B.S., Istanbul University, 1999
M.S., Istanbul University, 2002
Ph.D., Istanbul University, 2008 (2013)

NEDA ASLSABBAGHPOURHOKMABADI, Limited-Term Instructor of Information Technology
B.S., Amirkabir University of Technology, 2013
M.S., University of Alberta, 2016 (2018)

*YORIS AU, Associate Professor and Chair, Department of Information Systems
B.Engr., Parahyangan Catholic University, 1987
M.B.A., University of Pittsburgh, 1993
Ph.D., University of Minnesota, 2005 (2017)

CRAIG AUMACK, Limited-Term Assistant Professor of Biology
B.A., University of California-Santa Barbara, 2000
B.S., University of California-Santa Barbara, 2000
M.S.M.S., Texas-Austin, 2003
Ph.D., University of Alabama-Birmingham, 2010 (2015)

B

*Brittany Bacot, Instructor of Nursing
B.S.N., Armstrong Atlantic State University, 2009
M.S.N., University of South Alabama, 2012 (2017)

*Beom J. Bae, Associate Professor of Communication Arts
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M.S., Xi’an Jiaotong University, 2013
Ph.D., University of Texas-Dallas, 2017 (2018)

*TIEHANG WU, Associate Professor of Biology
B.Ag., Shanxi Agricultural University, 1986
M.Ag., Nanjing Agricultural University, 1989
Ph.D., Pennsylvania State University, 2002 (2011)

*YAN WU, Professor of Mathematical Sciences
B.S., Beijing Polytechnic University, 1992
M.S., University of Akron, 1996
Ph.D., University of Akron, 2000 (2000)

ERNEST TILLMAN WYATT, Associate Professor Emeritus of Communication Arts
A.B.J., University of Georgia, 1967
M.A., University of Georgia, 1975 (1975)

GAIL G. WYNN, Assistant Professor of Biology
B.S., Oglethorpe University, 1959
M.S., Louisiana State University and A&M College, 1962
Ph.D., Louisiana State University and A&M College, 1968 (1992)

*MINGZHI XU, Assistant Professor of Mechanical Engineering
B.Engr., Xi’an Jiaotong University, 2010
Ph.D., Missouri University, 2015 (2018)

*SHAOWEN XU, Associate Professor of Mechanical Engineering
B.S., Huazhong University of Science and Technology, 1985
M.S., Huazhong University of Science and Technology, 1991
Ph.D., University of South Carolina-Columbia, 2003 (2009)

*CANDACE THRESA YANCEY, Associate Professor of Psychology
B.S., University of Alabama, 1999
M.A., University of Nebraska-Lincoln, 2002
Ph.D., University of Nebraska-Lincoln, 2006 (2008)

*BILL Z. YANG, Professor of Economics
B.S., Wuhan University, 1982
M.A., Queen's University-Kingston, 1987
Ph.D., University of Iowa, 1993 (2000)

*XIAOMING YANG, Assistant Professor of Civil Engineering and Construction
B.Engr., Tongji University, 2003
M.Engr., Tongji University, 2006
Ph.D., University of Kansas, 2010 (2018)

ZHAO YANG, Limited-Term Assistant Professor of Information Technology
B., Northwestern Polytechnical University, 2001
M.S., University of New Orleans, 2007
Ph.D., University of New Orleans, 2016 (2018)

*MARK ANDREW YANOCHIK, Professor of Economics
B.B.A., Kennesaw State College, 1989
M.S., Auburn University, 1993
Ph.D., Auburn University, 1997 (1999)

MARY BETH YARBROUGH, Lecturer of Kinesiology
B.S., Georgia Southern University, 2013
M.S., Georgia Southern University, 2016 (2017)

*ROBERT A. YARBROUGH, Associate Professor of Geography
B.A., Roanoke College, 1998
M.A., University of Georgia, 2001
Ph.D., University of Georgia, 2006 (2006)
*ARDA YENIPAZARLI, Associate Professor of Operations Management
B.S., Sabanci University, 2007
Ph.D., University of Florida, 2012 (2012)

*JINGJING YIN, Assistant Professor of Biostatistics
B.A., Sichuan University, 2009
M.A., University at Buffalo, State University of New York, 2011
Ph.D., University at Buffalo, State University of New York, 2014 (2014)

ALFRED YOUNG, Professor Emeritus of History
B.A., Louisiana State University, 1970
M.A., Syracuse University, 1972
M.Phil., Syracuse University, 1976
Ph.D., Syracuse University, 1977 (1989)

*LILI YU, Associate Professor of Biostatistics
M.D., Tianjin Medical University, 1995
M.S., Capital University of Medical Sciences, 2001
M.S., The Ohio State University, 2004
Ph.D., The Ohio State University, 2007 (2007)

*JOANNE ZANETOS, Assistant Professor of Nursing
A.A.S., Columbus State Community College, 1976
B.S.N., Capital University, 2006
M.S.N., Capital University, 2010
D.N.P., Duquesne University, 2013 (2017)

BENJAMIN H. ZELLNER, Professor Emeritus of Physics
B.S., Georgia Institute of Technology, 1964
Ph.D., University of Arizona, 1970 (1994)

*CORINNA ZELTSMAN, Assistant Professor of History
B.A., Wesleyan University, 2006
M.A., Duke University, 2013
Ph.D., Duke University, 2016 (2017)

*SARAH ZENTI, Assistant Professor of Interior Design
B.F.A., Iowa State University, 2006
M.F.A., Iowa State University, 2011 (2017)

*JENNIFER A. ZETTLER, Professor of Biology
B.S., University of Florida, 1994
M.S., Clemson University, 1996
Ph.D., Clemson University, 2002 (2002)

HAO ZHANG, Limited-Term Instructor of Information Technology
B.Ed., Wuhan University, 2004
M.Phil., Wuhan University, 2006
D.S.C., Wuhan University, 2009
M.S.A.E., Georgia Southern University, 2018 (2018)

*HONG ZHANG, Professor and Interim Chair, Department of Information Technology
B.S., Fudan University, 1982
M.S.E.E., University of Pittsburgh, 1984
M.A., University of Pittsburgh, 1986
Ph.D., University of Pittsburgh, 1989 (2002)

*JIAN ZHANG, Professor of Epidemiology
B.M., Shanxi Medical University, 1989
M.S., Fudan University, 1992
Dr.P.H., University of South Carolina-Columbia, 2002 (2008)

*PIDI ZHANG, Associate Professor of Sociology
M.A., Tianjin Foreign Languages Institute, 1986
M.A., University of South Carolina-Columbia, 1993
Ph.D., University of South Carolina-Columbia, 1997 (1997)

*RONGRONG ZHANG, Associate Professor of Finance
B.B.A., Hefei University of Technology, 1997
M.S., University of Tennessee-Knoxville, 2000
Ph.D., University of Tennessee-Knoxville, 2004 (2005)

*WEN-RAN ZHANG, Professor of Computer Science
B.S., Shanxi Mining Institute, 1976
M.S., University of South Carolina-Columbia, 1984
Ph.D., University of South Carolina-Columbia, 1986 (2001)

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B.S., Central South University, 2009
M.P.H., Georgia Southern University, 2012
Ph.D., University of Alabama-Birmingham, 2017 (2017)

*YUE ZHANG, Assistant Professor of Manufacturing Engineering
B.S., Beijing University of Chemical Technology, 2008
M.S., Texas Tech University, 2010
Ph.D., Texas Tech University, 2013 (2018)

ZUOTANG ZHANG, Lecturer of Chinese
B.A., Ningxia University, 1982
M.A., Missouri State University, 1998
Ph.D., University of Maryland-Baltimore County, 2014 (2013)

*CHUNSHAN ZHAO, Professor of Mathematical Sciences
B.S., Lanzhou University, 1994
M.S., Xi’an Jiaotong University, 1997
Ph.D., University of Iowa, 2006 (2006)

*SHIJUN ZHENG, Associate Professor of Mathematical Sciences
M.S., Nanjing University, 1993
M.A., University of New Mexico, 1997
Ph.D., University of Maryland-College Park, 2003 (2007)

*XIAOLOU ZHOU, Assistant Professor of Geography
B.S., Wuhan University, 2008
M.S.S., National University of Singapore, 2010
Ph.D., University of Illinois at Urbana-Champaign, 2014 (2014)

*JIEHUA ZHU, Professor of Mathematical Sciences
B.S., Hubei University, 1988
M.S., Zhongshan University, 1991
Ph.D., University of Iowa, 2005 (2005)

*FRANCOIS ZIEGLER, Assistant Professor of Mathematical Sciences
Diploma, Federal Polytechnic School of Lausanne, 1988
Ph.D., Aix-Marseille I University, 1997 (2004)

*REBECCA LEA ZIEGLER, Reference Librarian Emerita and Associate Professor Emerita
B.A., University of Chicago, 1972
M.A., University of California-Los Angeles, 1976
Ph.D., University of California-Los Angeles, 1985

*SARAH KATHRYN ZINGALES, Associate Professor of Chemistry
B.S., Auburn University, 2005
M.S., Georgia State University, 2011
Ph.D., Georgia State University, 2013 (2013)

*CORDELIA D. ZINSKIE, Professor of Curriculum, Foundations, and Reading
B.A., Millsaps College, 1983
M.S., Memphis State University, 1985
Ed.D., Memphis State University, 1988 (1993)

*JENNIFER ZOROTOVICH, Assistant Professor of Child and Family Development
B.S., University of Georgia, 2007
M.S., University of Tennessee-Knoxville, 2010
Ph.D., University of Tennessee-Knoxville, 2014 (2014)

YUTING ZOU, Lecturer of Mathematical Sciences
B.S., Xiamen University, 2004
Ph.D., Michigan State University, 2011 (2015)

*ALAN DREW ZWALD, Professor of Kinesiology
B.S., College of William and Mary, 1973
M.S.P.E., Ohio University, 1983
Ph.D., Ohio University, 1985 (1994)
Admissions and Financial Aid

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- How to Apply (http://catalog.georgiasouthern.edu/graduate/admissions/apply)
- International Students (http://catalog.georgiasouthern.edu/graduate/admissions/international-students)
- Other Outside Sources of Financial Aid (http://catalog.georgiasouthern.edu/graduate/admissions/other-outside-sources-financial-aid)
- Transfer Credit (http://catalog.georgiasouthern.edu/graduate/admissions/transfer-credit)
Application Procedures

To apply for any Federal Title IV aid:

- Complete and submit an Application for Admission to attend Georgia Southern University.
- Complete a Free Application for Federal Student Aid (FAFSA) online at http://www.fafsa.ed.gov/, for EACH year of enrollment. Be sure to list Georgia Southern University’s federal school code, 001572, on the form.
- February 1 of each year is the preferred filing date for financial aid. Applicants not filing by this date may not have funds available by the Fall semester fee payment deadline, which is the first day of class.

More detailed information about financial aid programs can be obtained by viewing our website at http://em.georgiasouthern.edu/finaid or by emailing the Office of Financial Aid at finaid@georgiasouthern.edu (finaid@georgiasouthern.edu).
Fees

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Business Regulations

The academic year is divided into two semesters of approximately 15 weeks each and a summer semester of approximately 12 weeks. Fees 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.

To ensure financial operation is in conformity with Board of Regents policies, fee payment regulations must be observed. All fees and charges are due and payable by the first official day of class for the semester for the University; charges incurred during the Drop/Add period are due immediately. Students are responsible for checking their account balance via Touchnet available in https://my.georgiasouthern.edu/ and ensuring fee payment by the published fee payment due dates. Fees and charges may be paid by cash, by check, online by free webCheck or by MasterCard, American Express, Discover and Visa in the exact amount of the student’s statement. Payment by credit card must be made via Touchnet and is subject to a 2.85% processing fee. Nonpayment of all fees and charges by the first day of university classes could result in cancellation of all classes. If a student’s financial aid is not available to pay all fees by the designated due date, he/she must be prepared to pay tuition and fees then be reimbursed when financial aid is available. Should a student decide not to attend Georgia Southern University or cease to attend during the semester, he/she will continue to be fee liable until officially withdrawing from the University. (See refunds and withdrawals for more information.) PLEASE NOTE, NO STATEMENTS ARE MAILED; STATEMENTS ARE AVAILABLE ONLINE ONLY VIA TOUCHNET AT THE ABOVE WEB ADDRESS.

Any amounts owed to the University that are not cleared when due will be subject to reasonable collection fees that could include collection agency fees, attorney fees, court costs and other charges necessary for the collection of the debt. In addition, a financial hold will be added to the account that will prevent any changes to current or future registration and access to transcripts.

The University reserves the right to make changes in its fees, which are regulated by the Georgia Board of Regents, at the beginning of any semester and without previous notice.

Students’ personal checks made out to CASH-Georgia Southern University, with proper student identification, may be cashed at the Cashier’s Office in Deal Hall, Victor Hall or at The University Store in an amount not to exceed $50.00.

EAGLEXPRESS and Eagle Card Services

EagleXpress® is a premier declining balance system conveniently accessible through your Eagle Card. Available at more than 70 on and off-campus vendors, EagleXpress® can be used to pay for everything from textbooks and school supplies to food and groceries. Use EagleXpress® at campus dining locations, the University Store, Armstrong Bookstore, Printing and Postal Services, Tech Corner, health Services and even Parking and Transportation.

Students, parents, faculty and staff can easily deposit funds to an EagleXpress® account online through eAccounts (https://georgiasouthern-sp.blackboard.com/eAccounts/AnonymousHome.aspx), in-person at Eagle Card Services, or at one of our convenient campus kiosks. Funds may be loaded with cash, money order, check, MasterCard, Visa or American Express.

Mail checks or money orders to:

Eagle Card Services
P.O. Box 8079
Georgia Southern University
Statesboro, GA 30460-8079

You can also log into your eAccount (https://georgiasouthern-sp.blackboard.com/eAccounts/AnonymousHome.aspx) to get a statement of your EagleXpress® account activity for the last 30 days. Money in your EagleXpress® account never expires, and it can be used any time of the year both on and off campus. EagleXpress® is not a banking system, and cash cannot be withdrawn from the account. Refunds will be issued by check after the end of each semester by written request only.

- EagleXpress cannot be used to purchase alcoholic beverages, tobacco, firearms, piercings, tattoos, tanning or gift cards.
- EagleXpress is accepted at 70+ locations throughout the area
- Students receive a 5% discount at all on-campus dining locations when using EagleXpress.

You will find EagleXpress® is a great way to manage money needed to buy books, meals and other Georgia Southern goods and services.

Graduation Fee

A graduation fee of $35 for graduate and undergraduate students must be paid by the end of the semester in which the student completes requirements for graduation. This fee includes application processing, payment for diploma, and mailing fee; separate payment by the student to the vendor for graduation attire will be required for those participating in the ceremony. Any outstanding financial obligations to the University (Bursar’s Office, Parking, Health Services, Library, etc.) must be paid before a student can obtain a transcript.

Late Registration Fee

Undergraduate and graduate students who complete registration after the published registration day at the beginning of each semester will be charged a non-refundable late registration fee of $100.
of the semester the student resumes his/her study, providing the student is eligible to return and resume registration.

# Parking and Transportation

The Parking and Transportation division of Auxiliary Services at Georgia Southern University is here to help aid your parking and transit needs. Parking and Transportation is responsible for the implementation and enforcement of the University’s parking regulations, as well as the placement and maintenance of parking and traffic control devices. Visit auxiliary.georgiasouthern.edu/parking/ for parking, permit, and transit information, lot status and all updates.

## Parking Permits

Virtual parking permits are sold only to currently enrolled students, faculty and staff on a first-come, first-served basis. Students should use their My.GeorgiaSouthern (https://my.georgiasouthern.edu) accounts or visit the Parking and Transportation offices on the Statesboro and Armstrong campuses to purchase their permits. Simply login to My.GeorgiaSouthern (https://my.georgiasouthern.edu) and click on the “Parking Permits & Citations” link under “Auxiliary Services.” to purchase permits online. Students with a lot preference should purchase their permits as early as possible.

## License Plate Recognition

Our Parking and Transportation division recently implemented a virtual system, License Plate Recognition (LPR) software, which makes the permit system at the University completely virtual and decal-free. Your license plate acts as your permit and is simply scanned by an LPR vehicle to verify parking status. The implementation of LPR means vehicles cannot be pulled through or backed into spaces.

When entering your license plate information, please make sure to key in the exact license plate completely and correctly. The LPR system cannot recognize incomplete or incorrect plates, and this could result in a citation.

## Commuter Lots

Statesboro Campus commuters may purchase a parking permit designated to a specific commuter lot for $160 per year (Lot 12 or RAC is $110 per year). Commuters on the Armstrong Campus may purchase a commuter parking permit for $50 per year and may park in any commuter lot on that campus.

Permit holders can utilize 30-minute parking between the hours of 8 a.m. and 3 p.m. on both the Statesboro and Armstrong campuses.

## RAC & Stadium Parking

Permit parking at the RAC on the Statesboro Campus is enforced between the hours of 8 a.m. and 3 p.m. You may park at the RAC with ANY Georgia Southern University parking permit. For those attending classes or who wish to work out during these hours without a parking permit, parking is available for free at the stadium, and a bus route will take you directly from that lot to the RAC or any other destination along our shuttle routes.

## Carpool Program

Two or more students on the Statesboro Campus may purchase a carpool permit at a reduced rate of $110 per year. Carpool permits may be shared among several vehicles on this campus, although vehicles cannot be on campus at the same time.

## Resident Lots

Students living on the Statesboro Campus have a residential parking permit reserved for them corresponding to their specific residence hall designated lot when they purchase their permits ($160/year). These students should purchase their permits before arriving for Operation Move-In (OMI).

Students living on the Armstrong Campus must register their vehicles prior to OMI; however, the cost of the parking permit is included in the Housing fee. Armstrong Campus residents may park in any residential lot only.

## Motorcycles

Motorcycle permits are required for all motor-driven cycles including motorcycles, scooters, mini-bikes, motorbikes and mopeds (whether they be two or three-wheeled, with any engine size). Motorcycles should only be parked in designated motorcycle spots.

## Visitors and Guests

Visitors and guests should visit the Parking & Transportation Office on the Statesboro or Armstrong Campus to get a temporary parking permit for $2 per day. Students may not park in visitor spots for any reason.

## Paying Citations

Paying for citations is done through the Parking and Transportation web portal. To access the portal, log in to My.GeorgiaSouthern (https://my.georgiasouthern.edu). Under “My Services,” select the “Parking Permits & Citations” link under “Auxiliary Services.” Once logged in, you will be able to view permit information, contact information, registered vehicles and any outstanding balances.

## Zipcar

Zipcar is available to all Georgia Southern University students, faculty and staff over the age of 18. Zipcar is an alternative to bringing a car to school and gives members 24/7 access to vehicles parked right on the Statesboro Campus. Low hourly and daily rates include gas, insurance and 180 miles per day to go wherever you want to go! Members can reserve cares online or with a smartphone for as little as an hour or up to four days. Enjoy all the freedom of owning a car without any of the hassle. Find out more about how it works at www.zipcar.com/universities/georgia-southern-university (https://www.zipcar.com/universities/georgia-southern-university).

## Transit Service

Our transit service runs across the Statesboro Campus during classes, final exams, football game days and spring commencement to shuttle around on-site parking areas. The transit service does not run when classes are not in session, during holidays and between semesters. Buses run between 7 a.m. and 9 p.m. Monday-Thursday, 7 a.m. to 6 p.m. and on Fridays and 4-9 p.m. The transit service is funded by a mandatory transportation fee charged each semester.

## Liberty Campus Students

Students from the Liberty Campus are not required to purchase a parking permit to park on the Liberty Campus; however, they will need to get a temporary pass when visiting other Georgia Southern campuses. Visit parking.georgiasouthern.edu or see a staff member at the Parking & Transportation office to get your temporary pass.

## Hours

Monday - Friday: 8 a.m. - 5 p.m. 
parking@georgiasouthern.edu

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**Statesboro Campus**

Parking and Transportation

P.O. Box 8059

Statesboro, GA 30460
Our website at GSUStore.com provides convenience, books can be purchased via your WINGS account or via and complete editions of textbooks and course materials. For your materials, and unlike other stores and websites, we only sell the correct work directly with the store to ensure a complete selection of required up to 75% off of new book costs. Georgia Southern University faculty books and eBooks. We also offer book rentals that can save students We offer multiple textbook purchasing options selling both new and used in the amount of the lesser of their excess financial aid or $600. Please allowed to charge their required books and supplies at the University Store whose financial aid exceeds their tuition and fees, housing and meals are competitive pricing and rental programs, the University Store gives students multiple purchasing options. Depending on course selection, the average cost range per semester is approximately $300 to $600. Accepted forms of payment are: cash, check, MasterCard, Visa, Discover, American Express, University Store gift cards and EAGLEXPRESS (http://%20auxiliary.georgiasouthern.edu/eaglecard/eaglexpress). Students whose financial aid exceeds their tuition and fees, housing and meals are allowed to charge their required books and supplies at the University Store in the amount of the lesser of their excess financial aid or $600. Please contact the University Store for the bookstore financial aid availability each semester. You may see the amount of bookstore financial aid available to you on your mygeorgiasouthern.edu account when the credit is open near the start of a term. These charges are then added to the student's bursar account and paid for out of the student's financial aid funds. The University Store offers a wide selection of course material options in store and online at GSUStore.com (http://gsustore.com).

We offer multiple textbook purchasing options selling both new and used books and eBooks. We also offer book rentals that can save students up to 75% off of new book costs. Georgia Southern University faculty work directly with the store to ensure a complete selection of required materials, and unlike other stores and websites, we only sell the correct and complete editions of textbooks and course materials. For your convenience, books can be purchased via your WINGS account or via our website at GSUStore.com (http://gsustore.com). Books and course materials may be purchased with financial aid - all you need is your Eagle ID. Our textbook buyback program, puts money back in your hands. If a book is required for a course during the following semester, the store will pay you up to 50% of the book's retail value.
Financial Aid

Georgia Southern University offers a comprehensive program of financial aid for students who, without such aid, would be unable to continue their education. Through this program an eligible student may receive one or more types of financial aid: Grants, Loans, Scholarships, or Student Employment. Most financial aid at Georgia Southern University is awarded on the basis of a student’s academic progress and proven “financial need,” defined as the difference between a family’s estimated resources and the total estimated expense of attending the University. Georgia Southern University uses the Free Application for Federal Student Aid (FAFSA) form provided by the U.S. Department of Education to measure a student’s financial aid eligibility. Contact the Office of Financial Aid at (912) 478-5413 for assistance. The Office of Financial Aid, part of the Division of Enrollment Management, is located on the second floor of Rosenwald Building on the Statesboro campus, and on the second floor of Victor Hall on the Armstrong campus. The fax number is (912) 478-7418.

Mailing address:
Office of Financial Aid
P.O. Box 8065
Georgia Southern University
Statesboro, Georgia 30460-8065
http://em.georgiasouthern.edu/finaid

Four types of financial aid:
1. **Grants** - Federal, state and privately funded grant programs are available.
2. **Loans** - Loan programs are available from federal, state, and private agencies.
3. **Scholarships** - Georgia Southern University offers a limited number of academic scholarships to its students.
4. **Student Employment** - Federally-funded College Work-Study Program, or Institutional Work Program.

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- Loan Programs (p. 581)
- Other Financial Assistance (p. 583)
- Qualifying for Financial Aid (p. 583)
- Refunds for a Student Receiving Federal Title IV Financial Assistance (p. 584)

Grant Programs

(All grant program amounts are subject to change.)

State Grants

The Georgia Student Finance Commission administers state scholarships and student grant programs. For information contact:

Georgia Student Finance Commission
2082 East Exchange Place, Suite 200
Tucker, GA 30084
(800) 505-4732, or
http://www.Gafutures.org/

The Public Safety Memorial Grant is an award for children of Georgia law enforcement officers, firemen, and prison guards who have been permanently disabled or killed in the line of duty. The grant covers the cost of attendance minus other aid, but may not exceed $18,000 per award year.

Federal Grants

Federal Pell Grant

The Federal Pell Grant is the primary federal student aid program administered by the U.S. Department of Education. It is intended to be the first and basic component of an undergraduate student’s financial aid package. To be eligible, students:

- Must show financial need, an EFC between 0 and 5576.
- Must be enrolled in an approved undergraduate course of study and must not have a bachelor’s degree.
- Must be a U.S. citizen or an eligible non-citizen as defined in the instructions on the Free Application for Federal Student Aid (FAFSA).

The Federal Pell Grant may be received each academic year up to a maximum of 12 semesters. The maximum Federal Pell Grant for 2019/2020 is $6195 for eligible students. Award amounts are prorated based on the number of credit hours for which a student is enrolled. For additional information visit our website at http://em.georgiasouthern.edu/finaid.

Federal Supplemental Education Opportunity Grant (FSEOG)

The Federal Supplemental Education Opportunity Grant (FSEOG) is a federal program administered by the Office of Financial Aid to assist undergraduate students with financial need. For additional information visit our website at http://em.georgiasouthern.edu/finaid. To be eligible, students:

- Must show substantial financial need by using the FAFSA form.
- Must be eligible for Federal Pell Grant.
- Must be enrolled in an undergraduate course of study, and must not have a bachelor’s degree. The standard grant amount awarded is $600 per academic year. The federal funding for this program is limited; therefore, funds are depleted rapidly.

Teacher Education Assistance for College and Higher Education (TEACH) Grant

This program provides grant assistance to juniors, seniors, and graduate students who have been accepted into the College of Education in specified “high-need” fields and who have a 3.25 GPA or better. Students who receive the TEACH Grant must fulfill a service obligation. If a student does not complete the service obligation, all TEACH Grant funds received will be converted to a Federal Direct Unsubsidized Loan.

Iraq and Afghanistan Service Grant (IASG)

Funds are awarded to students whose parent or guardian was a member of the U.S. Armed Forces and died as a result of military service performed in Iraq or Afghanistan after the events of 9/11. To qualify, the student must be under the age of 24 or enrolled in college at least part- time at the time of the parent’s or guardian’s death. Students who qualify for the full Federal Pell Grant cannot receive the IASG. The award amount is equal to the amount of the maximum Pell Grant for the academic year, with a federal sequestration-required reduction of 6.2 percent.

Loan Programs

Federal Direct Lending Program

Georgia Southern University participates in the Federal Direct Lending Program. Loan funding comes directly from the U.S. Department of Education to students through the Federal Direct Stafford Loan Program and to the parents through the Federal Direct PLUS (Parent Loan for
Undergraduate Students) Program. When loans are due, borrowers will repay them directly to the federal government through the loan servicer. Additional information is available at https://studentaid.ed.gov/sa/.

The Federal Direct Stafford Loan Program provides low-interest, long-term loans through the University. Funding for these loans comes from the U.S. Department of Education. These loans may be subsidized or unsubsidized. Eligible students must be admitted and enrolled in good standing at least half-time in a program leading to a degree. Half-time is defined as 6 credit hours for undergraduates.

The amount students may borrow is determined by federal guidelines. The following are federal maximum amounts that students are allowed to borrow:

- Freshmen (those who have not completed 30 earned credit hours) - $5,500 yearly; maximum subsidized amount = $3,500 yearly
- Sophomores (30-59 earned credit hours) - $6,500 yearly; maximum subsidized amount = $4,500 yearly
- Juniors or Seniors (60 + earned credit hours) - $7,500 yearly; maximum subsidized amount = $5,500 yearly

Repayment normally begins six months following graduation or when dropping below half-time enrollment. Payments and the length of the repayment period depend upon the amount of the student's indebtedness. Under special circumstances, repayment of a Federal Direct Stafford Loan that is not in default may be deferred or canceled. Repayment, deferment, and cancellations are handled by a federal loan servicer.

If the student is eligible for a Federal Direct Stafford Loan, one will be awarded (either subsidized or unsubsidized, or a combination of both) as part of the financial aid package. The student must then access their WINGS account to accept, deny, or reduce the loan(s). Please read the following paragraphs to learn the differences between the subsidized and unsubsidized Federal Direct Stafford Loans. First-time borrowers are required to complete entrance loan counseling and electronically sign a master promissory note. For additional information visit our website at http://em.georgiasouthern.edu/finaid.

Subsidized Federal Direct Stafford Loan

The amount of subsidized Federal Direct Stafford Loan a student may borrow is the difference between the cost of education (annual budget) and a student's resources (family contribution, financial aid such as Federal College Work-Study, and any other assistance received from the school and outside resources including scholarships). However, a student may not borrow more than the federal maximum for his/her grade level.

If a student is eligible for a subsidized Federal Direct Stafford Loan, the government will pay the interest until graduation or until enrollment drops below half-time. The student will be assessed a loan origination fee, which is deducted from the loan proceeds but will not reduce the principal balance required to repay. For additional information visit our website at http://em.georgiasouthern.edu/finaid.

Unsubsidized Federal Direct Stafford Loan

The unsubsidized Federal Direct Stafford Loan can replace all or part of the family contribution. However, the amount of the loan may not be more than the difference between the cost of education and any financial assistance received from the school and any outside source (including the subsidized Federal Direct Stafford Loan).

The interest rate is variable but will not exceed 8.25 percent. Interest accrues on the unsubsidized Federal Direct Stafford Loan while the student is in school and during the six-month grace period before repayment begins. The student has the option of paying the interest monthly, quarterly, or having the interest added to the principal. The student will be assessed a loan origination fee, which is deducted from the loan proceeds but will not reduce the principal balance required to repay. For additional information visit our website at http://em.georgiasouthern.edu/finaid.

Additional Unsubsidized Federal Direct Stafford Loan

If the student is an independent undergraduate or a dependent student whose parents are denied for a PLUS Loan, the student may borrow an additional unsubsidized Stafford loan as follows: freshmen and sophomores may borrow a maximum of $4,000 per academic year; juniors and seniors may borrow a maximum of $5,000 per academic year, not to exceed the cost of education. For additional information visit our website at http://em.georgiasouthern.edu/finaid.

Federal Direct Parent Loan for Undergraduate Students

If a student is considered dependent, he/she may be eligible for a Federal Direct Parent Loan for Undergraduate Students (PLUS) to assist in covering the education expenses. This loan is funded by the U.S. Department of Education. The borrower will be the student's parent (or stepparent), and a credit check will be conducted on the applicant. The maximum PLUS loan amount for an academic year is determined by subtracting all financial aid (including Stafford loans) from the annual cost of attendance.

The interest rate on the Federal Direct PLUS is variable but will not exceed 10.5 percent. The parent borrower has the option to begin repayment on the PLUS loan either 60 days after the loan is fully disbursed or to wait until six months after the dependent student ceases to be enrolled at least half-time. A loan origination fee is deducted from each disbursement of a PLUS loan. These charges do not reduce the amount required to repay. PLUS applications are processed through https://studentloans.gov. For additional information visit our website at http://em.georgiasouthern.edu/finaid.

Georgia Student Access Loan (SAL)

The Georgia Student Access Loan (SAL) is a limited resource loan program that is designed to assist undergraduate students who have a gap in meeting their educational costs. The program is also designed to provide interest rate and repayment incentives to those who complete their program of study within the designed program length, work in select public service sectors or STEM fields. To qualify, students must be Georgia residents and United States citizens or eligible non-citizens. Students must have first applied for and exhausted all other student financial aid programs including federal and state student loans, scholarship and grant programs. Students must complete a SAL application at https://www.gafutures.org/, and are randomly selected to participate in the program.

The amount that students may borrow is determined by state guidelines. The minimum loan amount is $500. The maximum loan limit is $8,000 per year up to a maximum of $36,000 over a college lifetime. A non-refundable $50 origination fee is deducted from the first disbursement of each loan.

The interest rate is one percent (1%) for the life of the loan, and begins accruing at the time of the first disbursement. The borrower must fulfill the loan obligation, including repayment requirements, as specified in the Promissory Note to maintain the loan at a one percent (1%) interest rate.

Repayment is a maximum of fifteen (15) years with a minimum payment of $50.00 per month. For additional information and application procedures, refer to https://www.gafutures.org/.
Georgia National Guard (GNG) Service Cancelable Loan

The Georgia National Guard (GNG) Service Cancelable Loan provides financial assistance to eligible members of the Georgia National Guard to be used towards the cost of tuition for undergraduate and graduate programs at an eligible postsecondary institution. The student must agree to serve in the Georgia National Guard for a period of two years to complete service repayment. The purpose of the program is to encourage qualified individuals to join the GNG and retain skilled citizens within the state.

Private/Alternative Loans

A private/alternative loan is a non-federal education loan through a private lender usually in the student’s name that may require a co-signer. These loans are not subsidized and generally have different eligibility requirements, interest rates, repayment options, and conditions. Because private/alternative loans vary, the Georgia Southern Financial Aid Office cannot provide the most accurate and useful information regarding these loans. We strongly suggest comparing interest rates, loan fees, and repayment options before applying.

Other Financial Assistance

The academic progress of students receiving federal financial assistance from the programs listed earlier in this narrative must be evaluated by the criteria outlined in this policy. These and other students receiving other types of financial assistance are evaluated based on requirements of the applicable financial assistance program.

Athletes

The Georgia Southern University Athletic Department administers student athletic scholarships. Student athletes who are eligible to receive institutional and/or Federal aid must comply with NCAA regulations. Student athletes interested in receiving financial aid in addition to their athletic scholarship must complete the appropriate application process.

Co-op and Internship Program

The Co-op and Internship Program at Georgia Southern University encompasses both internship and cooperative education opportunities for students in all majors. Co-ops and internships provide an opportunity for students to evaluate whether their chosen career path or field of study is a good fit for them, develop their professional skills, and apply their academic knowledge while obtaining valuable real-world experience in their field. The Office of Career and Professional Development at Georgia Southern University is committed to recruiting and promoting co-op and internship opportunities for all students and provides a centralized contact for both academic and non-academic related issues associated with experiential learning for all colleges and majors.

In order to participate in the Co-op and Internship Program, students must be in good academic standing with the University and must agree to the requirements of the program which include completing the experiential learning application in Eagle Career Net, signing a Code of Conduct and Waiver of Liability. Additionally, students must provide the Office of Career and Professional Development with an offer letter from their employer. The compensation package offered to the student is determined by the employer and board and lodging are the responsibility of the student. If students are not completing a co-op or internship for academic credit, then they will be enrolled in non-academic, tuition-free COOP hours that will denote their experience on their student transcript. Students will be registered for the course through the Office of Career and Professional Development. Students and employers are required to submit evaluations at two identified points during their work term. Successful completion of the requirements will result in a pass or failing grade awarded to the student.

For more information about the Co-op and Internship Program, please refer to the Student Internship & Co-op Guide (students.georgiasouthern.edu/career/files/CoOpInternshipGuide.pdf), visit the Career and Professional Development website (GeorgiaSouthern.edu/ocpd), or call (912) 478-5197.

Veterans’ Assistance Programs

The U.S. Department of Veterans Affairs (DVA) provides educational benefits under several programs. Eligibility is determined by DVA. Veterans or dependents of certain veterans who wish to attend Georgia Southern University under any of the veterans’ benefits programs should contact the Veterans Coordinator located in Military Resource Center (MRC) for assistance at (912) 478-5154 or the Veterans Administrative Assistant at (912) 478-8043 or email veterans@georgiasouthern.edu. The Veterans Coordinator is responsible for assisting veteran students with the processing of VA forms for educational benefits. Students will be advised of procedural requirements and certification of enrollment will be verified to DVA.

Veterans who have service-connected disabilities and are eligible for disability compensation may qualify for Vocational Rehabilitation. Disabled veterans who think they qualify for this assistance are encouraged to contact the Department of Veterans Administration for further information.

Georgia Southern University encourages all veterans to take advantage of college credit that may be granted for military training, as well as the credit by examination programs. Veterans requesting college credit for military training must provide Military and Veteran Affairs with an official military transcript for evaluation.

Military and Veteran Affairs will evaluate transfer Credit for Military Service based on completion of basic military training. A form DD-214 should be furnished to Military and Veteran Affairs for evaluation. Two (2) credit hours will be allowed for Kinesiology PE Credit for active service less than one year. Four (4) credit hours will be allowed for Kinesiology PE Credit for one year or more active service. For more information please visit our web page at em.georgiasouthern.edu/registrar/students/veteranaffairs.

Vocational Rehabilitation

The State of Georgia provides financial assistance (equal to tuition and other regular fees in the University) for residents of Georgia who have disabilities. For further information, call toll free (844) 367-4872, or view the web page gvs.georgia.gov (http://gvs.georgia.gov)

Qualifying for Financial Aid

To be eligible for federal and state programs, students must meet the following criteria:

- Demonstrate federal need (may not be required for some loan and institutional programs).
- Have a standard high school diploma, GED, or ATB (Ability to Benefit) on file.
- Be enrolled in a degree-seeking program.
- Only courses in the student's program of study, per the DegreeWorks audit, will be eligible for financial aid.
- Not be in default or owe a repayment of Title IV funds.
- Have a valid Social Security number.
- Be a U.S. citizen or an eligible non-citizen with permanent residency status and an alien registration ID number (may not be required for some institutional programs).
Refunds for a Student Receiving Federal Title IV Financial Assistance

Students receiving Federal Title IV Financial Assistance who formally or informally withdraw from school are subject to Federal Return of Title IV Aid regulations as specified in the Higher Education Amendment of 1998. The calculation determines the aid earned by the student based on the days enrolled for the semester in relation to the total days in the semester. The aid considered not to be “earned” must be returned to the federal programs in the following order: Unsubsidized Federal Direct Stafford loans, Subsidized Federal Direct Stafford loans, Federal Perkins loans, Federal Direct PLUS loans received on behalf of the student, Federal Pell Grant, Teach Grant and Federal Supplemental Educational Opportunity Grant. Receipt of Federal Title IV Aid in excess of aid earned may be subject to repayment by the student if the student has withdrawn from school. The Bursar’s Office notifies the student if a repayment is due. Failure to repay could result in loss of future Title IV Aid eligibility. If a waiver or contract is treated as a payment of tuition and fees that have actually been charged to a student, then the waiver or contract is considered estimated financial assistance, and the full amount of the tuition and fees must be included in the return calculation.

Example: Student received Title IV aid as follows: $1,274.00 in Subsidized Federal Direct Stafford Loan and $782.00 in Pell Grant. The student had $844.00 in Institutional Charges. Student withdrew on day 25 of a semester having 112 days. The student has earned 22.3% (25 days divided by 112 days) of the Title IV aid which equals $458.49 (Loan of $1,274.00 plus grant of $782.00 times 22.3%). The student has unearned aid of $1,597.51 (Total aid received of $2,056.00 minus aid earned of $458.49) that must be returned to the federal programs. The Institution must return $656.00 ($844.00 Institutional charges times 77.7% unearned aid); all of this will be returned to the Subsidized Federal Direct Stafford Loan. The remaining $941.51 (unearned aid of $1,597.51 minus amount Institution returned of $656.00) must be returned by the student. The student must repay $618.00 ($1,274.00 received in loan minus $656.00 returned to loan by Institution) to the Subsidized Federal Direct Stafford Loan in accordance with the terms of the loan. The student must return $162.00 (remaining unearned aid of $941.51 minus $618.00 returned to loan fund by student equals $323.51 multiplied by 50% (students are required to return 50% of unearned grant funds)) to the Pell Grant Program.¹

¹ Please click the link Withdrawal and Return of Title IV Financial Aid Funds Policy (https://drive.google.com/file/d/1wYEnMB-1Jlq_QXUN7PXoiFA6fXxncGP/view) to view information regarding Tuition and Fee Refunds.
Tuition

- Bursar's Office - Student Account (p. 585)
- Class Attendance Verification (p. 585)
- Drug Policy - Anti-Drug Abuse Act of 1988 (p. 585)
- In-State Tuition (p. 585)
- Out-of-State Tuition (p. 585)
- Repeated Coursework (p. 585)
- Satisfactory Academic Progress (SAP) Policy (p. 585)
- Tuition Classification (p. 588)

Bursar's Office - Student Account

The Bursar's Office provides financial services to students, faculty, and staff of the University. Operations are guided by two major criteria: customer service and requirements for completing financial transactions within the guidelines provided by Federal and State regulations, as well as GASB (Governmental Accounting Standards Board).

Mailing address:
Bursar's Office
PO Box 8155
Statesboro, GA 30460-8155

Bursar's Office
11935 Abercorn Street
Savannah, GA 31419

businesssrvs.georgiasouthern.edu/bursar
Phone number: 912-478-0999

Class Attendance Verification

In accordance with federal regulations, financial aid cannot be released to a student's account until the professors have verified class attendance. Class attendance will be taken by professors on the first day of each class for which a student is registered.

Drug Policy - Anti-Drug Abuse Act of 1988

It is the policy of Georgia Southern University and the Office of Financial Aid that when the University or the Office of Financial Aid is officially notified that a student, who is a recipient of a Federal Pell Grant, is convicted via a court of law of a drug offense during the period of enrollment covered by the Federal Pell Grant, and for which the student had previously certified he or she would be drug free, that individual’s violation of the certification statement must be reported to the U.S. Department of Education Office of Inspector General, in accordance with section 668.14 (g) of the Title IV Higher Education Act of 1965 and its amendments. Upon the final determination by the Office of the Inspector General, and the notification to Georgia Southern University, the Office of Financial Aid will implement the recommendations set forth in their findings, which may include the withholding of all further Title IV and institutional payments to the student. Until a final determination is made regarding fraud on the part of the student, the student will remain eligible for financial aid.

In-State Tuition

Tuition is charged to all students based on the number of credit hours for which the student is registered. In-state undergraduate students are charged per credit hour up to 15 credit hours per semester. All undergraduate students who enroll in an online course will pay the online course rate per credit hour. This rate will not apply to higher cost programs such as WebBSIT.

In-state graduate students are charged per credit hour up to 12 credit hours per semester (with the exception of Professional Programs, Distance Education, and Online Programs). Graduate students enrolled in Professional Programs, Distance Education and Online Programs will be subject to additional tuition charges related to those programs. Graduate students who enroll in an Online Degree Program (degree is offered entirely online) will be charged based on their program's rate per credit hour.

The current academic year's rates can be found on the Tuition and Fees (https://finserv.georgiasouthern.edu/bursar/office-of-student-accounts/tuition-and-fees) website.

Out-of-State Tuition

Non-residents of Georgia are required to pay tuition at an out-of-state rate based on the number of credit hours for which the student is registered. Out-of-state undergraduate students are charged per credit hour up to 15 credit hours per semester. All undergraduate students who enroll in an online course will pay the online course rate per credit hour. This rate will not apply to higher cost programs such as WebBSIT.

Out-of-state graduate students are charged per credit hour up to 12 credit hours per semester (with the exception of Professional Programs, Distance Education, and Online Programs). Graduate students enrolled in Professional Programs, Distance Education and Online Programs will be subject to additional tuition charges related to those programs. Graduate students who enroll in an Online Degree Program (degree is offered entirely online) will be charged based on their program's rate per credit hour.

The current academic year's rates can be found on the Tuition and Fees (https://finserv.georgiasouthern.edu/bursar/office-of-student-accounts/tuition-and-fees) website.

Repeated Coursework

Federal regulations limit the number of times a student may repeat a course and receive Federal financial aid for that course:

- A student may receive aid when repeating a course for the first time (course was previously failed or passed first time).
- If a previously passed course is repeated a third time, the student may not receive financial aid for that course. Also, the course would not be counted towards full-time eligibility. Grants, loans, and scholarships can be affected if a student is not at full-time status.
- A student may receive aid for a repeated course in which they have never received a passing grade for as many times as it takes to pass the course as long as they are meeting other financial aid eligibility requirements.

The federal regulations apply whether or not the student received aid for earlier enrollments in the course.

Satisfactory Academic Progress (SAP) Policy

Requirement and Definition

Federal and state regulations require the University to establish and apply reasonable satisfactory academic progress standards and to review applicable student records to ensure students receiving financial aid meet specific requirements.
standards based on the following three criteria:

Georgia Southern University’s SAP policy requires maintaining academic policy. Students are notified of the SAP policy in the Georgia Southern University online catalog, which is available at em.georgiasouthern.edu/registrar/resources/catalogs/. In addition, the SAP policy is sent to students’ Georgia Southern email accounts. Further, a copy of the SAP policy, instructions for the SAP Appeal Form, and a SAP calculator are available in the University’s Financial Aid Office and on our website at em.georgiasouthern.edu/finaid/policies/satisfactory-academic-progress-sap/.

The Office of Financial Aid is responsible for evaluating satisfactory academic progress of students receiving financial assistance from all federal and state programs, and certain alternative loan programs.

Institutional SAP Policy

Financial aid academic progress standards for students are evaluated on the basis of grade point average (GPA), credit hour completion (PACE), and maximum timeframe (MAX).

Financial aid standards of SAP for students will be checked at the end of each semester.

The Financial Aid SAP Policy is totally separate from the policies of the Registrar’s office regarding Academic Standing and Academic Renewal along with separate appeal processes. All grades previously received will be considered when determining financial aid eligibility, as stated in this policy.

Georgia Southern University’s SAP policy requires maintaining academic standards based on the following three criteria:

1. Grade Point Average (GPA)
   
   Undergraduate students (other than students who have been accepted into the Education Major teacher certification programs):
   Undergraduate students will be evaluated at the end of each term on the basis of cumulative GPA. The cumulative GPA required to maintain SAP for the total number of attempted hours is 2.0.

   Undergraduate Education Majors in the Teacher Education Program (TEP):
   Undergraduate education majors in certification programs will be evaluated at the end of each term on the basis of cumulative GPA. Under the University’s academic policy, students who have been accepted into one of the Bachelor of Science in Education certification programs and have been formally admitted into the Teacher Education Program are required to maintain a cumulative GPA of at least 2.50.

   Under the University’s academic policy, students who have been accepted into the education major’s certification programs but do not maintain the required cumulative GPA of at least 2.50 may not continue in a certification program. However, these students may choose to switch to another major in order to complete their degree. If an Education Major certification student is determined not to be making SAP because he or she has not maintained the required 2.50 GPA, and he or she subsequently chooses to switch to another major, at the next SAP evaluation, the student’s GPA will be evaluated as compared to the requirement for the new major (i.e., 2.0). For purposes of that evaluation, all grades earned to date will be included in the GPA calculation.

   Note: Students must apply and gain acceptance into the Teacher Education Program (TEP). In order to be accepted into the Program, a student must satisfy several requirements, including having completed a minimum of 50 semester credit hours (including completion of certain specified coursework), and having earned a cumulative GPA of at least 2.50 (including all coursework completed at Georgia Southern and any transfer credit accepted by Georgia Southern).

   Post baccalaureate students:
   Post baccalaureate students will be evaluated at the end of each term on the basis of cumulative GPA. The cumulative GPA required to maintain SAP for the total number of attempted hours is 2.0.

   Graduate students:
   Graduate students will be evaluated at the end of each term. Students enrolled in master’s degree, specialist, and PhD programs must have a cumulative GPA of 3.0 or higher at the end of each term.

   Failure to maintain the required minimum cumulative GPA standards will result in the loss of eligibility to receive financial aid.

2. Credit Hour Completion (PACE of Progression)
   
   All students will be evaluated at the end of each term to determine if they are making satisfactory pace of progression in their academic program. PACE is calculated by dividing the cumulative number of hours the student has successfully completed (earned) by the cumulative number of hours the student has attempted. Undergraduate, post baccalaureate, and graduate students who enroll for full-time, three-quarter time or part-time course work throughout each academic year must complete (earn) at least 67% of all attempted hours registered for during each academic term.

3. Maximum Time Frame (MAX)
   
   Students must progress through their educational programs at a rate that will allow the student to complete the program within the timeframe allowed for their program.

   Undergraduate:
   Undergraduate students must be projected to complete their program in a period of time that is not longer than 150 percent of the published length of the educational program, as measured in credit hours. For example, students in a 4-year, 124-credit hour program who have attempted more than 186 semester credit hours will become ineligible to receive financial aid. Degree programs that require more than 124 hours for graduation will have the 186 hours maximum timeframe increased proportionally by the number of hours above 124 required to receive the degree. If at any time, the student has more credits remaining to finish his/her declared program than he/she has left in remaining maximum credit, the student will become ineligible for financial aid.

   Post Baccalaureate:
   Post Baccalaureate students must be projected to complete their Post Baccalaureate program in a period of time that is not longer than 150 percent of the published length of the educational program, as measured in credit hours. Post Baccalaureate students must be enrolled in a bachelor's degree program in order to receive financial aid. The degree program must be different than one already completed at Georgia Southern University or Armstrong State University. Post Baccalaureate students adding a major, taking courses to increase GPA, or not enrolled in a degree program are not eligible to receive financial aid.

   Graduate:
   Graduate students must be projected to complete their program in a period of time that is not longer than 150 percent of the published length of the educational program, as measured in credit hours. For example, students in a 60-credit graduate program who have attempted more than 90 semester credit hours will become ineligible to receive financial aid. Degree programs that require more than 60 hours for graduation will have the 90 hours maximum timeframe increased proportionally by the number of hours above 60 required
Students not maintaining Satisfactory Academic Progress are notified of their SAP status and related consequences in writing by the Financial Aid Office. At the end of each SAP evaluation period, one of the following SAP statuses will be assigned:

**Satisfactory:**
Student is making SAP, as measured by all of the following requirements: GPA, PACE, and/or MAX Time Frame. Student is eligible to continue receiving financial aid.

**Financial Aid Warning:**
Student is not making SAP as measured by one or more of the following requirements: GPA, PACE, and/or MAX Time Frame. For the next term in which the student is enrolled, the student remains eligible to continue receiving financial aid. The student must make SAP at the time of the next SAP evaluation period, or the student will be deemed ineligible to receive financial aid and will be placed on Financial Aid Suspension (unless and until he or she appeals that determination successfully and is placed subsequently on Financial Aid Probation).

**Financial Aid Suspension:**
Student is not making SAP based on one or more of the requirements (i.e., GPA, PACE and/or MAX Time Frame) after (1) being on Financial Aid Warning status for one term and failing to meet the required SAP standards, or (2) not satisfying the requirements of the academic plan developed for the student when he or she was placed on Financial Aid Probation. Financial Aid eligibility is terminated until the student has achieved the required minimum standards to make SAP, or the student has obtained an approved appeal.

**Financial Aid Probation:**
A student on Financial Aid Suspension has the right to appeal to have financial aid reinstated. If the appeal is approved, the student is placed on Financial Aid Probation. Students with approved SAP appeals are monitored by the Office of Financial Aid every term of enrollment to determine if they have achieved the goals of their academic plan. Failure to make progress as set out in the academic plan will result in the loss of eligibility to receive financial aid (i.e., Financial Aid Suspension).

### Special Circumstances Affecting SAP Criteria

**Learning Support Classes:**
The first 30 credit hours of learning support course work will be excluded from the calculation for maximum timeframe and from the calculation for the required percentage of credit hour completion. Learning support credit hours in excess of 30 credit hours will be included in both the calculation of maximum timeframe and the required percentage of credit hour completion. All grades earned through learning support course work will be included in the calculation of the cumulative GPA.

**Dropped and Repeated Courses:** (see below for complete withdrawals)
All credit hours attempted during each term in which a student is enrolled and receives aid will count toward the maximum timeframe and minimum credit hours completion. A student is considered enrolled based on the number of credit hours registered after the drop/add period of each academic term. Students who drop courses during the drop/add period will not have those hours considered in determining total hours registered. Students who drop courses after the drop/add period will have those hours considered in determining total hours registered, which will count toward the maximum timeframe calculation.

Repeated courses will count in the calculation of attempted hours. All grades earned in repeated courses will be used to calculate the GPA for purposes of SAP.

Grades of A, B, C, D, or S represent satisfactory completion of a course. Grades of F, I, W, WF, U, or Audit represent unsatisfactory completion of a course. Grades of IP or V will not be included in the number of hours earned toward the completion of a degree.

**Complete Withdrawal from School:**
A financial aid student who withdraws from school during the 100% refund period of any term, which runs through the first day of classes, will not have their registered hours included in the maximum timeframe calculation nor be required to meet the minimum credit hour completion percentage. However, any student withdrawing from school after the 100% refund period (after the first day of classes) will have their registered hours included in the maximum timeframe calculation and be required to meet the minimum credit hour completion percentage.

**Effect of Grades on GPA:**
Grades of A, B, C, D, F, or WF are included in determination of GPA for purposes of SAP. Grades of I, IP, K, NR, S, U, V, W, WT, W% or WM are not included in this calculation. Appeals will not be reviewed until “I” (incomplete) grades have been changed. For HOPE scholarship recipients, “I” grades could affect HOPE eligibility status when the grade for the incomplete is eventually submitted to the Office of the Registrar. Students who had been awarded HOPE, but later become ineligible with the grade change, will have HOPE awards canceled until the next checkpoint, and will be responsible for the repayment of any HOPE funds received while still eligible.

**Transfer Credits:**
Credits transferred from other institutions will count toward maximum timeframe, credit hour completion percentage, and the cumulative GPA calculation for SAP evaluation purposes.

**Consortium Agreements:**
Credit hours earned through consortium or contractual agreements (contracts with other higher education institutions) will count toward maximum timeframe, credit hour completion percentage, and cumulative GPA.

### Reestablish Financial Aid Eligibility
A student seeking to reestablish eligibility of financial aid may do so by:

- achieving SAP standards towards his/her course of study, as set forth in this policy, at the time of a future SAP evaluation, or
- acquiring a successful appeal through the appeal process and being placed on Financial Aid Probation status.

### SAP Appeal Process
Students who have been placed on Financial Aid Suspension due to failure to progress toward academic degree completion have a right to appeal to have their financial aid reinstated. The appeal process is as follows:

- Students must complete the Satisfactory Academic Progress (SAP) Financial Aid Appeal Form. Instructions on how to access the appeal form are found on the Georgia Southern University Financial Aid website under the Policies tab. **Deadlines to appeal are the 5th day of the semester appealing for aid.**
- The completed SAP Appeal Form along with all appropriate documentation must be submitted online to the Office of Financial Aid.
as early as possible for review. The documentation submitted must include:

a. A statement explaining the circumstance(s) which prevented the student from making satisfactory academic progress (e.g., serious injury, illness, or mental health condition of student or immediate family member; birth or adoption of a child; death of an immediate family member; divorce/separation; military service; personal difficulties; academic difficulties beyond the student’s control; or other circumstances related to exceeding maximum timeframe).

b. Documentation that supports the student’s statement (e.g., physician’s statement, birth or death certificate, divorce decree, military papers, letter of support from someone aware of the student’s academic difficulties).

c. Information about what has changed in the student’s situation that will allow the student to demonstrate satisfactory academic progress at the next evaluation.

d. A detailed coursework plan for completing your degree requirements which includes confirmation you have met with your academic advisor.

e. A detailed academic improvement plan that includes upcoming semester goals and GPA calculations that will place you back in good standing. The improvement plan must be created with, and approved by, the Academic Success Center.

- Students completing the SAP appeal process are required to pay current term fees by the fee payment deadline to avoid class cancellation. Classes will not be held while an appeal is being reviewed. Questions regarding student fee payments should be directed to the Office of Student Accounts at (912) 478-0999.

- Notification of the appeal decision will be sent by email to the student’s Georgia Southern email.

### Tuition Classification

Regents’ Policies Governing Classification of Students for Tuition Purposes: Under the Constitution and the laws of Georgia, the Board of Regents of the University System of Georgia was created to govern, control, and manage a system of public institutions providing quality higher education for the Georgia citizens. The State, in turn, receives substantial benefit from individuals who are attending or who have attended these institutions through their contributions to the civic, political, economic and social advancement of the citizens of Georgia. Because of the overwhelming amount of financial support supplied by the citizens of Georgia, the determination of whether a student is a resident or a non-resident of Georgia is a significant matter. The tuition paid by in-state students covers about one-fourth of the total cost of their education in Georgia. Georgia taxpayers are therefore contributing 75 percent of the funds for quality education in the state. State colleges and universities often assign out-of-state students a higher tuition rate in an attempt to achieve parity between those who have and those who have not contributed to the state’s economy recently. The courts consider the durational residency requirement (usually 12 consecutive months) imposed by most states to be a reasonable period during which the new resident can make tangible or intangible contributions to the state before attending state colleges as an in-state student. The term “resident” is confusing because it can refer to voter registration, driver’s license, automobile registration, income taxes and other matters. A student may be a resident of Georgia for some purposes, but not entitled to in-state tuition fees. Courts have consistently upheld the right of these institutions to charge out-of-state students higher rates. The courts have also upheld the institution’s right to adopt reasonable criteria for determining in-state status. Through the resident and non-resident fees, the taxpayers of Georgia are assured that they are not assuming the financial burden of educating non-permanent residents.

If a person has moved to the state of Georgia for the purpose of attending a Georgia educational institution, it is difficult for that person to prove his/her intent to become a legal resident of the state. (The American Heritage Dictionary of the English Language defines intent in the following manner: n. 1. That which is intended; aim; purpose.)

### Verification of Lawful Presence

Each University System institution shall verify the lawful presence in the United States of every successfully admitted person applying for resident tuition status as defined in Section 7.3 of the University System of Georgia Board of Regents Policy Manual which can be found at www.usg.edu/policymail (https://www.usg.edu/policymail).

Institutions may use a number of different methods to verify the lawful presence of their students. The methods include the following:

- A current ID or drivers’ license issued by the State of Georgia after January 1, 2008. A limited term license or an expired license is not acceptable.

- A certified U.S. birth certificate showing that the student was born in the U.S. or a U.S. Territory. A photo copy is not acceptable. You may obtain a certified copy through the Health Department in the county in which the student was born. (MUST BE PRESENTED IN PERSON)

- A U.S. Certificate of Birth Abroad issued by the department of state or a Consular Report of Birth Abroad.

- A U.S. Certificate of Naturalization or Certificate of Citizenship

- A current U.S. Passport

- A current Military ID (only valid for military personnel, not their dependents) (MUST BE PRESENTED IN PERSON)

- A current Permanent Resident Alien Card

The Office of Student Affairs of the University System of Georgia has developed a web page to provide students, parents, and high school counselors with information about the lawful presence requirement. This page can be accessed by going to www.usg.edu/student_affairs/ students/verification_of_lawful_presence (http://www.usg.edu/student_affairs/ %20students/verification_of_lawful_presence).

### Petition for Classification of Students for Tuition Purposes

1. If a person is 18 years of age or older, he or she may register as an in-state student only upon showing that he or she has been a legal resident of Georgia for a period of at least 12 months immediately preceding the date of registration. Exceptions:

   - A student who previously held residency status in the state of Georgia but moved from the state then returned to the state in 12 or fewer months.

2. A student must independently make an income of $11,600+ to be considered for in-state residency approval (For more details about this rule set by the BOR, visit this website (aspe.hhs.gov/poverty-guidelines)). If the student is baring his/her petition on his/her parent, guardian or spouse, the income rule would apply to the person supporting the dependent student.

3. No emancipated minor or other person 18 years of age or older shall be deemed to have gained or acquired in-state status for tuition purposes while attending any educational institution in this state, in the absence of a clear demonstration that he or she has in fact established legal residence in this state.

4. If a parent or legal guardian of a student changes his or her legal residence to another state following a period of legal residence in Georgia, the student may retain his or her classification as an in-state student as long as he or she remains continuously enrolled in the
University System of Georgia, regardless of the status of his or her parent or legal guardian.

5. In the event that a legal resident of Georgia is appointed by a court as guardian of a nonresident minor, such minor will be considered as an in-state student providing the guardian can provide proof that he or she has been a resident of Georgia for the period of 12 months immediately preceding the date of the court appointment.

6. Aliens shall be classified as non-resident students, provided, however, that an alien who is living in this country under an immigration document permitting indefinite or permanent residence shall have the same privilege of qualifying for in-state tuition as a citizen of the United States upon proving 12-month residency period in Georgia.

Due to the requirement that a person prove his/her intent to become a legal resident of the state of Georgia, his/her petition may not be approved. The burden of proof is always on the student, and documentation is absolutely necessary to prove any claims. If his/her petition for legal residency for tuition purposes is denied, the student may appeal the decision to the Tuition Classification Committee.

**SEMESTER DEADLINES for submitting a Petition for Classification of Students for Tuition Purposes:**
- Fall Semester - August 1st
- Spring Semester - November 1st
- Summer Semester - April 1st

**Student Responsibilities**

1. **Student Responsibility to Register under Proper Classification**
   - The responsibility of being classified under the proper tuition classification belongs to the student. If there is any question of Tuition Classification or their right to in-state tuition status, it is their obligation, within the deadlines set on the residency website, to raise the question with the administrative officials of the institution in which they are registering and have it officially determined. The burden always rests with the student to submit information and documents necessary to support their contention that they qualify for a particular tuition classification under Regents’ regulations.

2. **Official Change of Tuition Status**
   - Every student classified as a nonresident shall retain that status until they petition for reclassification in the form prescribed by the institution and shall be officially reclassified in writing as an in-state student by the proper administrative officers. No more than one application may be filed for a given semester.

3. **Reclassification**
   - Every student who has been granted in-state tuition as a legal resident of Georgia shall be reclassified as an out-of-state student whenever they report, or there have been found to exist, circumstances indicating a change in legal residence to another state.

**Out-of-State Tuition Waivers**

An institution may waive out-of-state tuition and assess in-state tuition for:

1. **Academic Common Market.** Students selected to participate in a program offered through the Academic Common Market (www.usg.edu/divisions/academic_common_market/ (https://www.usg.edu/divisions/academic_common_market/)).

2. **Presidential.** Presidential waivers are divided into three categories:
   1. academic, (2) international, and (3) athletic. Students selected by the institutional president or an authorized representative, provided that the number of such waivers in effect does not exceed two percent of the equivalent full-time students enrolled at the institution in the fall term immediately preceding the term for which the out-of-state tuition is to be waived. Out-of-state students may apply by completing the MyScholarships application found at admissions.georgiasouthern.edu/scholarships/. International students may apply on the International Admissions page at the following address: admissions.georgiasouthern.edu/requirements/international. Student athletes should speak with their recruiting coach.

3. **University System Employees and Dependents.** For full-time employees of the University System, their spouses, and their dependent children.

4. **Full-Time Public School Employees.** For full-time employees in the public schools of Georgia or of the Technical College System of Georgia, their spouses, and their dependent children.

5. **Career Consular Officials.** Career consular officers, their spouses, and their dependent children who are citizens of the foreign nation that their consular office represents and who are stationed and living in Georgia under orders of their respective governments.

6. **Military Personnel.** Active duty military personnel, their spouses, and their dependent children who meet one of the following criteria:
   a. The military sponsor is currently stationed in or assigned to Georgia;
   b. The military sponsor previously stationed in or assigned to Georgia is reassigned outside of Georgia, and the student or students remain continuously enrolled in a Georgia high school, TCSG institution, or a USG institution;
   c. The military sponsor is reassigned outside of Georgia and the spouse and dependent children remain in Georgia;
   d. The military sponsor is stationed in a state contiguous to the Georgia border and resides in Georgia;
   e. Dependent children of a military sponsor previously stationed in or assigned to Georgia within the previous five years;
   f. Dependent children of a military sponsor if the child completed at least one year of high school in Georgia; or,
   g. Any student utilizing VA educational benefits transferred from a currently serving military member, even if the student is no longer a dependent of the transferor.

7. **Georgia National Guard and U.S. Military Reservists.** For active members of the Georgia National Guard, stationed or assigned to Georgia or active members of a unit of the U.S. Military Reserves based in Georgia, and their spouses and their dependent children.

8. **International and Domestic Exchange Program.** For any student who enrolls in a University System institution as a participant in an international or domestic direct exchange program that provides reciprocal benefits to University System students.

9. **Economic Advantage.** As of the first day of classes for the term, an Economic Advantage waiver may be granted under the following conditions:
   a. U.S. Citizens, Permanent Residents, and Other Eligible Non-Citizens
      i. Dependent students providing clear and convincing evidence that the student’s parent or U.S. court-appointed legal guardian relocated to the State of Georgia to accept full-time, self-sustaining employment. The relocation must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded.
      ii. Independent students providing clear and convincing evidence that they, or their spouse, relocated to the State of Georgia to accept full-time, self-sustaining employment. The relocation to the state must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded.
      iii. U.S. refugees, asylees, and other eligible non-citizens as defined by the federal Title IV regulations may be extended the same consideration for the Economic Advantage waiver as citizens and lawful permanent residents of the United States.
Waiver eligibility for the above qualifying students expires twelve (12) months from the date the waiver is awarded.

b. Non-Citizens

i. Non-citizen dependent students providing clear and convincing evidence that the student’s parent or U.S. court-appointed legal guardian relocated to the State of Georgia to accept full-time, self-sustaining employment and entered the state in a valid, employment-authorized status. The relocation must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded. Additionally, the non-citizen dependent student must provide clear evidence that the parent, or U.S. court-appointed legal guardian, is taking legally permissible steps to obtain lawful permanent resident status in the United States.

ii. Non-citizen independent students must provide clear and convincing evidence that they, or their spouse, relocated to the state of Georgia to accept full-time, self-sustaining employment and entered the state in a valid, employment-authorized status. The relocation must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded. Additionally, non-citizen independent students must provide clear evidence that they, or their spouse, are taking legally permissible steps to obtain lawful permanent resident status in the United States.

Waiver eligibility for the above qualifying students may continue provided full-time, self-sustaining employment in Georgia and the employment-authorized status are maintained. Furthermore, there must be continued evidence of Georgia domicile and efforts to pursue an adjustment to United States lawful permanent resident status.

10. Recently Separated Military Service Personnel. For members of a uniformed military service of the United States who, within 3 years/36 months of separation from such service, enroll in an academic program and demonstrate an intent to become a permanent resident of Georgia. This waiver may also be granted to their spouses and dependent children. There is no limit to the number of terms a student may be awarded the Recently Separated Military Personnel waiver provided the student remains continuously enrolled.

11. Non-resident Student. As of the first day of classes for the term, a non-resident student can be considered for this waiver under the following conditions:

a. Student under 24

   If the parent, or U.S. court-appointed legal guardian has maintained domicile in Georgia for at least 12 consecutive months and the student can provide clear and legal evidence showing the relationship to the parent or U.S. court-appointed legal guardian has existed for at least 12 consecutive months immediately preceding the first day of classes for the term. Under Georgia code legal guardianship must be established prior to the student’s 18th birthday.

b. Student 24 or Older

   If the student can provide clear and legal evidence showing relations to the spouse and the spouse has maintained domicile in Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term. This waiver can remain in effect as long as the student remains continuously enrolled in a public postsecondary educational institution in the state, regardless of the domicile of the parent, spouse or U.S. court-appointed legal guardian.

12. Vocational Rehabilitation Waiver. For students enrolled in a University System of Georgia institution based on a referral by the Vocational Rehabilitation Program of the Georgia Department of Labor.

13. Special Admission for Students Age 62 and Older. See Special Admission for Students Age 62 and Older (p. 270) in the Admissions section of the catalog.

14. Border State Residents Waiver. Undergraduate student residents of Florida, South Carolina, North Carolina, Tennessee, and Alabama who have a primary campus of Armstrong or Liberty may receive the Border State Residents Waiver. Continuous enrollment on the Armstrong or Liberty campuses are required to maintain the waiver.

15. Border County Resident Waiver. Undergraduate student residents of Jasper and Beaufort counties in South Carolina who have a primary campus of Armstrong or Liberty may receive the Border County Resident Waiver.

Special Institutional Fee Waiver

Special Institutional Fee Waiver for Active Duty U.S. Military Students

This fee waiver eliminates the Special Institutional Fee charged by University System of Georgia institutions. If approved to receive the waiver, the active duty military member will be awarded the waiver for three consecutive terms (one academic year).

Eligibility:

- Members of the United States Reserve Components serving on active duty or full-time training duty.
- Members of the Georgia National Guard who are employed full-time by the Georgia National Guard.
- Members of the Georgia National Guard who have been called into active service by the Governor of the State of Georgia.

Waiver of Mandatory Fees

Waiver of Mandatory Fees for U.S. Military Reserve and Georgia National Guard Combat Veterans

1. Eligibility. Eligible participants must be Georgia residents who are active members of the U.S. Military Reserves and/or the Georgia National Guard and were deployed overseas for active service in a location or locations designated by the U.S. Department of Defense as combat zones on or after September 11, 2001 and served for a consecutive period of 181 days, or who received full disability as a result of injuries received in such combat zone, or were evacuated from such combat zone due to severe injuries during any period of time while on active service. Additionally, eligible participants must meet the admissions requirements of the applicable USG institution and be accepted for admission.

2. Benefits. Eligible participants shall receive a waiver of all mandatory fees charged by USG institutions including, but not limited to, intercollegiate athletic fees, student health services fees, parking and transportation (where such fees are mandated for all students), technology fees, student activity fees, fees designated to support leases on facilities such as recreation centers, parking decks, student centers and similar facilities, and any other such mandatory fees for which all students are required to make payment. Students receiving this waiver shall be eligible to use the services and facilities these
fees are used to provide. This benefit shall not apply to housing, food service, any other elective fees, special fees or other user fees and charges (e.g., application fees).

An institution may waive mandatory fees, excluding technology fees, for:

1. Students who reside or study at another institution.
2. Students enrolled in practicum experiences (e.g., student teachers) or internships located at least 50 miles from the institution.
3. Students enrolled in distance learning courses or programs who are not also enrolled in on-campus courses nor residing on campus. If a student is enrolled in courses from more than one institution during the same term, only the home institution will charge the approved technology fee to the student. Students who participate in distance education offerings as transient students will not be charged a technology fee by the transient institution. No separate technology fee shall be established for collaborative distance learning courses or programs.
4. Students enrolled at off-campus centers, except that the institution shall be authorized to charge select fees to these students for special services subject to approval by the Board of Regents.
Student Life

Georgia Southern University campuses are full of life — places where memories are made every day. They are comfortable sites of activity and interaction for both educational and personal growth offering a wide variety of facilities, services and organizations to the 27,000-plus students interested in exercising, maintaining their health, enjoying the outdoors, making new friends, building knowledge and sharing ideas.

- Armstrong Bookstore (p. 593)
- Campus Recreation and Intramurals (p. 594)
- Counseling Center (p. 596)
- Dining Plans (p. 597)
- Enrollment Management (p. 598)
- Health Services (p. 599)
- Leadership & Community Engagement (p. 600)
- Minority Advisement Program (p. 601)
- Office of Multicultural Affairs (p. 602)
- Office of Student Conduct (p. 603)
- Southern’s Orientation, Advisement, and Registration (SOAR) (p. 604)
- Student Affairs (p. 605)
- Student Media (p. 606)
- Student Organizations (p. 607)
- The University Store (p. 608)
- University Housing (p. 31)
- University Programming Board (p. 610)
Armstrong Bookstore

The Armstrong Bookstore is your one-stop shop for all things Georgia Southern on the Armstrong and Liberty campuses whether it be products and services that support academic success or spirit merchandise! We sell licensed apparel, supplies, and gift items in addition to technology, Apple products, trade books, textbooks and academic supplies. As the official campus store, we have everything you need to study, play and live in blue and white.

Giving Back To Georgia Southern

Because the Armstrong Bookstore is managed by Follett Higher Education Group, a commission percentage of every dollar spent is reinvested into the campus, providing financial support for facilities and programs. Each semester, the store donates product to University organizations and departments supporting programs and events that directly benefit students, faculty and staff. Follett also provides textbook scholarships and a $20,000 yearly donation directly to the advancement scholarship fund to help future Eagles who are in financial need.

Textbooks | Textbook Rentals | Digital books

We take pride in our products and competitive pricing and in our unsurpassed customer service.

The Armstrong Bookstore offers all required and recommended textbooks and is a trusted campus resource for course materials and technology. Georgia Southern University faculty and staff work with the Armstrong Bookstore to ensure a complete selection of required class materials. Unlike online and off-campus stores, the Armstrong Bookstore only sells the correct and complete editions of textbooks and course materials.

We offer multiple purchasing options by selling new, used, rental, and digital books. Book rentals can save students up to 80% off of new book costs. Follett has the largest in-store and online assortment of rental titles in the country and Georgia Southern students get to take advantage of that at the Armstrong Bookstore.

The Armstrong Bookstore partners with Georgia Southern’s Office of Financial Aid and accepts all forms of financial aid awarded through the office without requiring credit card or personal check held for collateral. For your convenience, new, used, rental, and digital books, other course materials and all your supplies can be bought via your WINGS account or directly at armstrong-shop.com. The financial aid bookstore credit can be used to pay for all your course materials and supplies; all you need is your valid Eagle Card. You can also use your bookstore credit online using your Eagle ID. The maximum amount for financial aid textbook credit is $600 per fall, spring, and summer semester.

For your convenience, new, used, and rental books and other course materials can be bought via your WINGS account or directly at armstrong-shop.com. Online orders may be picked up in the store for free or shipped via FedEx to an address of your choice. Additionally, we also offer free pickup at the Liberty Center or on the Statesboro campus.

As a Follett Higher Education Group-managed store, we buy back books every day of the year, but our best prices are often right before finals week.

Textbook Tips & FAQs

Rent or buy your textbooks early. Before the first week of school, review your syllabi and determine which books will be needed. This will allow you to find your books in time while used book options are in stock. If you ultimately need to drop a course or realize the book will not be used, the Armstrong Bookstore allows students to return their unopened textbooks during the first week of classes and then 2 days after purchase thereafter.

For more information, visit armstrong-shop.com or call to speak with a team member.

Buyback

When buying either a new or used book, you have the freedom to write and highlight in the book. Books can be saved for future semesters; however, if you feel you will not use a book in the future, you can sell it back to the Armstrong Bookstore for up to 50% of the new book cost. If the book is not adopted by a professor for a future term, we will see if we can buy it for the national wholesale price. This is the pricing Follett will buy anywhere in the country and can even include books not used at Georgia Southern, so feel free to bring in any book, or check online at armstrong-shop.com using the ISBN. The pricing on the website is only the national wholesale value and could be higher in-store.

Rental

Renting provides the best value by allowing you usage of the course material for the length of the course. Why rent? When you rent your books, you'll pay, on average, less than half the new textbook price. Follett has the largest in-store and online rental program in the country. Normal highlighting and note-taking are acceptable in rented books. You get Free return shipping if you rent online as a registered user. Multiple forms of payment including bookstore credit can be used online to rent. Check armstrong-shop.com for details.

Supplies

We sell basic school supplies like bookbags, binders, pens and pencils, scantrons, etc. as well as class and major-specific supplies and items such as nursing supplies and lab goggles, sketch paper, ceramic clay, and film. The financial aid bookstore credit may be used to purchase any of the supply items that we sell both in-store and online during the beginning of each term.

Technology

Armstrong Bookstore is your on-campus technology retailer selling the latest in electronics, accessories and much more all at competitive prices. With name brands like Apple, Dell, JBL, SkullCandy, and HP you're sure to find the technology and accessories you need for a successful college career.

Apple Authorized Retailer

As an Apple Authorized Retailer, Armstrong Bookstore offers a wide selection of Apple accessories in-store and computers and tablets online.

Special Ordering

If we don’t have the product you are looking for in-store, our website armstrong-shop.com provides a huge selection of additional products you can have delivered to the bookstore (or other campuses) for free pick-up. We can also order most anything else you need as long as one of our vendors can supply it. Just ask a team member for assistance!
Campus Recreation and Intramurals

Campus Recreation & Intramurals, an integral and active service of the diverse University community, supports and strengthens the mission of Georgia Southern University and the Division of Student Affairs by fostering a culture of engagement that is dedicated to nurturing the whole student through wellness. As a department, our purpose is to inspire self-discovery through sport, fitness, wellness and adventure.

Through the provision of high-quality, safe and enriching programs and facilities in Fitness, Aquatics, Southern Adventures, Intramural Sports, Club Sports, Golf, Shooting Sports Education and Wellness, we strive to promote and develop healthy life-style choices that will contribute positively to the overall well-being of the students, faculty and staff at Georgia Southern.

Statesboro Campus

Anderson Recreational Park
2687 Bunny Akins Boulevard, Statesboro, GA 30458
Recreation Activity Center (RAC):

- Free Weight, Machine Weight, Cardio, Group Exercise, Mind/Body and Spinning rooms
- Wellness Center including a fitness assessment lab
- 8 Multiuse courts (basketball, volleyball, indoor soccer)
- 3 Racquetball courts
- 3 Multipurpose rooms for dance and martial arts
- Southern Adventures Center
- 45-foot climbing wall and bouldering cave
- Aquatics Center complete with 25yd x 25m lap pool, whirlpool, sauna, 1m and 3m diving boards and locker room facilities

Outdoor venues:

- Outside leisure pool and whirlpool
- Sand volleyball courts
- Band shell
- Multiplex and Club Sports fields (softball, soccer, flag football, lacrosse and rugby)
- Pavilion that can accommodate a variety of events
- Challenge Course featuring low, high and static elements

Georgia Southern University Golf Course at University Park
1031 Golf Club Road, Statesboro, GA 30458

- 18-hole golf course on 167 acres
- 30-station driving range
- Practice greens for chipping and putting
- 8,000 square foot clubhouse

Shooting Sports Education Center
3271 Old Register Road, Statesboro, GA 30458

- 30,000 square foot indoor archery center and firing range
- 16 lane, 25 meter firing range
- 16 lane, 25 meter archery center
- Storage facility for firearms and bows

Armstrong Campus

Student Recreation Center
11935 Abercorn Street, Savannah, GA 31419

- 3,200 square foot multipurpose room for fitness classes and special events
- 2 athletic courts for basketball, volleyball and indoor soccer, as well as a cross-conditioning space
- 6,000 square foot fitness center, which includes: Woodway treadmills, elliptical machines, stationary bikes, recumbent bikes, motion trainers, rowing machines, heavy lifting power racks, a full complement of free weights and more

Recreation Fields

- 2 flag football fields
- Soccer fields

Tennis Complex

- 12 lighted tennis courts


The Aquatics Center provides the campus and surrounding community with a variety of recreational and educational programs designed to promote fun and safety on the water. We offer open swimming, diving, aqua aerobics, swim lessons, and lifesaving classes certified through the American Red Cross. Our facilities include an indoor pool that is handicap accessible, 1m and 3m diving boards, two whirlpools, a dry sauna and a locker room with showers.

Club Sports are unique student organizations in which the overall functions of the organization are student operated. Club Sports offer a way of finding others who share similar recreational interests, and may be organized for instructional, recreational and/or competitive purposes. We have clubs such as archery, baseball, disc golf, equestrian, firearms, fishing, lacrosse, tennis, track and field, ultimate frisbee and more. For a full listing, visit our Club Sport website (recreation.georgiasouthern.edu/club-sports)

The Fitness programs promote health and wellness in many ways. Group fitness includes Yoga, Pilates, resistance training and traditional aerobic classes that help participants improve their cardiorespiratory fitness while also building strength and endurance. Personal training and fitness assessments are available to assist in evaluating fitness levels and providing guidance to reach or maintain fitness and wellness goals, while lifestyle and weight management workshops provide education and support for creating a personal health strategy.

The Georgia Southern University Golf Course at University Park provides an 18-hole championship golf course and comprehensive practice facility that is open to students, faculty, staff and the community. Programs and clinics are scheduled throughout the year to help introduce the fundamentals and build the skills necessary to enjoy a lifetime of golf. For those seeking to take their game to the next level, personal instruction with one of our PGA professionals is available. Visit our pro
shop in the clubhouse for unique attire, golf equipment, golf club repair/ regripping, club sizing and more. To learn more or schedule a tee time, visit GSOGolfCourse.com or call 912-GSU-GOLF.

**Informal Recreation** allows participants to engage in a variety of unstructured recreation activities such as basketball, volleyball, racquetball, walking or jogging. To support this mission, CRI also offers an equipment-lending program at no additional charge. Items available for checkout include: hand wraps, boxing gloves, racquetballs, racquets and basketballs.

**Intramural Sports** provide students, faculty, and staff the opportunity for competition and fun in a variety of team and individual sports activities. Divisions are available for men, women, and co-rec teams in a range of skill and competition levels. Participants can compete in flag football, dodge ball, basketball, indoor/outdoor soccer, softball, golf, tennis, ultimate frisbee, bowling, volleyball and sand volleyball.

**Southern Adventures** is the university community’s resource for adventure programming. Southern Adventures provides guided backpacking, sea kayaking, canoeing and climbing trips that range from day trips to week long outings around the southeast. Their equipment rental center also provides all the gear necessary for embarking on your own adventures. The challenge course is designed to provide exciting, experiential opportunities that focus on leadership, communication, self-awareness and interpersonal skills. A 45-foot climbing wall and bouldering cave allow participants to experience the thrill of rock climbing indoors. Instructional clinics are offered throughout the year to learn kayaking, belaying, navigating and other hard skills necessary to confidently and safely enjoy outdoor recreation.

The **Shooting Sports Education Center** seeks to assist students, faculty, staff and the general public in developing the knowledge, skills and appreciation necessary to be a responsible hunter, archer or shooting sports enthusiast. Trained and certified staff provides instruction in the classroom and on the range to promote both competency and safe archery and firearms handling. The 30,000 square foot facility is open to the public and equipped to serve a variety of shooting sports interests through the 16 lane, 25 meter firing range, 16 lane, 25 meter archery center and two training/seminar rooms.

The **University Wellness Program** is focused upon enhancing staff, faculty and student wellness. It is a combination of existing, new and collaborative programming that addresses the seven dimensions of wellness: emotional, environmental, intellectual, occupational, physical, social and spiritual. Numerous wellness opportunities are offered throughout the year, with Wellness Week being the major event.

Participation in CRI programs is completely voluntary. It is strongly recommended that all participants consult a physician and/or have a physical exam prior to participation. Participants are also urged to secure adequate personal medical coverage. Additional CRI program information can be found on our website at GeorgiaSouthern.edu/cri (http://recreation.georgiasouthern.edu).
Counseling Center

The Counseling Center at Georgia Southern University is a place where students can go to receive services and participate in programs that are designed to help them handle day-to-day challenges and encourage their personal growth and development. The Counseling Center complements and facilitates the mission of the University by providing services ranging from individual, group, and relationship counseling to outreach programming, crisis intervention, and academic assistance. Students get the personal support they need in a welcoming and comfortable atmosphere. The Center’s staff includes professionally trained psychologists and counselors who are committed to helping students meet their personal and educational goals.

The Center offers individual counseling in areas such as self-esteem, anxiety, depression, sexual identity, relationship conflicts, eating disorders, trauma and abuse issues, and family of origin concerns. Group counseling offers students the opportunity to interact with others who have similar concerns while developing more satisfying relationships. Relationship counseling offers students an opportunity to build communication skills and conflict resolution in romantic relationships.

Case management connects students with referral resources to meet their individual needs.

The Center’s staff offers drop-in workshops designed to provide students with additional opportunities for personal growth; including increasing emotional wisdom, improving sleep hygiene, and practicing mindful yoga. Online workshops and self-help resources are available on the Counseling Center website on a variety of topics for those who are interested in accessing skill building independently.

Staff also provides outreach presentations to academic classes and student organizations on various mental health topics, such as stress management, dating violence, acquaintance rape, interpersonal relationships, and communication skills. Please see the online outreach request form. In addition, the Counseling Center houses the Sexual Assault Response Team, the SAFE SPACE program, and QPR Gatekeeper Training.

Counselors are also available to assist faculty who desire consultation about a student. The number to call during regular business hours Monday-Friday, 8AM to 5PM, is (912) 478-5541 (Statesboro) or (912) 344-2529 (Armstrong), or after hours, 912-478-5234 (Statesboro) or 912-344-3333 (Armstrong).
## Dining Plans

<table>
<thead>
<tr>
<th>Plan</th>
<th>Description</th>
<th>Cost/semester¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eagle Blue</td>
<td>7-day all access to the Dining Commons (Lakeside DC or The Galley DC) $100 Dining Dollars Five (5) Guest Passes</td>
<td>$1725.00/semester¹</td>
</tr>
<tr>
<td>Eagle Gold</td>
<td>7-day all access to the Dining Commons (Lakeside DC or The Galley DC) $300 Dining Dollars Eight (8) Guest Passes</td>
<td>$1875.00/semester¹</td>
</tr>
</tbody>
</table>

¹ Dining Dollars and Guest Passes expire at the end of the semester. The Rates quoted above are for Fall 2019 - Spring 2020. Please visit the Eagle Dining Services website for current Dining Plan pricing: auxiliary.georgiasouthern.edu/eagledining.

**Freshmen living on campus are required to have a Dining Plan**, and information about this requirement is included on the University Housing contract. Please read and understand this information before signing your housing contract. Freshmen may choose either of the Dining Plans for the duration of their first two semesters on campus. Dining Dollars are accepted at all dining locations on campus, GUS Mart locations and concessions. Guest Passes may only be used at Residential Dining locations.

Beginning each semester, the Eagle Card Center offers students the ability to add EagleXpress Packages to their invoices prior to the first financial aid disbursement. Descriptions of the EagleXpress Packages are listed below. Students may register for one of the EagleXpress Packages by stopping by the Eagle Card Center, through the EagleXpress web portal at eaglecard.georgiasouthern.edu, or their my.georgiasouthern.edu account.

### EagleXpress Packages

<table>
<thead>
<tr>
<th>Package</th>
<th>Description</th>
<th>Cost/semester¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>EagleX 350</td>
<td>$350 on your EagleXpress +10% in Dining Dollars ($35)</td>
<td>$350.00¹</td>
</tr>
<tr>
<td>EagleX 700</td>
<td>$700 on your EagleXpress +10% in Dining Dollars ($70)</td>
<td>$700.00¹</td>
</tr>
</tbody>
</table>

¹ Please visit the Eagle Card Center website at eaglecard.georgiasouthern.edu for current EagleXpress Package pricing.
Enrollment Management

The Division of Enrollment Management is responsible for the strategic planning and implementation of University-wide enrollment management services and programs which include recruitment, enrollment, and graduation. Consisting of Undergraduate Admissions, Financial Aid, the Registrar's Office, and Institutional Research, the departments within the division provide support services to promote student success from application to graduation.
Health Services

Georgia Southern University Health Services is a department of Auxiliary Services and the Division of Student Affairs.

The Mission of Health Services is to provide high quality, compassionate healthcare, education and health promotion in support of student retention, graduation and positive long-term wellness.

Health Services is available to all Georgia Southern students with locations on the Statesboro and Armstrong campuses for consultation, examination, diagnosis, and treatment of illnesses and injuries. Services in both locations include primary care, women’s health care, immunizations, laboratory testing, travel medicine and health promotion programming. Additional services at the Statesboro location include allergy injections, physical therapy, radiology services, retail pharmacy and vision care. Students may access services at either location.

Appointments on the Statesboro campus are self-scheduled using the Online Student Health (OSH) Patient Portal after logging into your WINGS or mygeorgiasouthern page (https://my.georgiasouthern.edu). For appointments at the Armstrong campus clinic, call 912-961-5726. Same day appointments are available on a limited basis at both locations.

Health Services in Statesboro is located at 984 Plant Drive. Operating hours are 8:00 a.m. to 5:00 p.m., Monday through Thursday; 9:00 a.m. - 5 p.m. on Friday. The Armstrong clinic is located at Compass point, 7000 Building. Operating hours are Monday through Friday, 9:00 a.m. – 5 p.m. An after hour and weekend Nurse Response Call Service is available for students by calling 1-855-779-7185. This service is staffed by experienced registered nurses who can assist with general health questions or, as well as referrals to area service providers as needed. Refer to our website for further information on community resources for emergencies and after hour care. All expenses related to emergency and after hours care are the responsibility of the student.

All Georgia Southern University students are eligible for Health Services. Students enrolled in four (4) or more credit hours prepay the health fee at the beginning of each semester when tuition and student fees are paid. This entitles those students to receive services throughout the semester for examination and treatment. Students taking less than four (4) credit hours or taking online courses may choose to pay the semester health fee as requested for services received at the Statesboro clinic only. A self-pay rate is available at both clinics.

A valid Georgia Southern University identification card is required to access services at Health Services. Insured students should also present a current insurance card for services received at the Statesboro clinic if they want to file a claim to their plan.

Students are encouraged to maintain health insurance coverage in case of hospitalization. For those who are no longer covered by their parents' insurance plan, or who may elect to purchase additional insurance coverage, a student health insurance plan is available. For more information about this plan, visit our website for the link to the insurance company and their enrollment application form.

Health Services is proud to be among the outstanding student services offered by Georgia Southern University. Please feel free to contact us with your questions, comments, or suggestions at any time. Thank you for your interest in Health Services. We look forward to serving you.

For more information about the department, including public health updates by our medical director, visit our site at auxiliary.georgiasouthern.edu/healthservices.

Immunization Requirements

The Board of Regents (BOR) of the University System of Georgia has established immunization requirements for all students.

All students are required to submit their immunization records. TB screening, questionnaires, and medical history forms. These forms and directions for submittal of records can be accessed at our website, auxiliary.georgiasouthern.edu/healthservices/immunization.

Students with religious objections or documented medical conditions that prohibit an immunization can receive an exemption from the immunization requirements. Students who have an approved exemption could be restricted from campus in the case of an outbreak of vaccine-preventable diseases, such as measles, mumps, rubella, or varicella.

HEALTH SERVICES STATESBORO
984 Plant Drive
Statesboro, GA 30460-8043
Main Phone: (912) 478-5641
Fax: (912) 478-1893

HEALTH SERVICES ARMSTRONG
Student Affairs Annex
Compass point, 7000 Building
11935 Abercorn St.
Savannah, GA 31419-1997
Main Phone: (912) 961-5726
Fax: (912) 961-0679

E-mail: health@georgiasouthern.edu (health@georgiasouthern.edu)
Immunization Office Phone: (912) 478-0743
Immunization Email: immunizations@georgiasouthern.edu

Immunization Requirements

- For consultation, diagnosis, and treatment of illnesses and injuries.
- Services in both locations include primary care, women’s health care, immunizations, laboratory testing, travel medicine, and health promotion programming.
- Additional services at the Statesboro location include allergy injections, physical therapy, radiology services, retail pharmacy, and vision care.
- Students may access services at either location.
- Appointments on the Statesboro campus are self-scheduled using the Online Student Health (OSH) Patient Portal.
- For appointments at the Armstrong campus clinic, call 912-961-5726.
- Students are encouraged to maintain health insurance coverage in case of hospitalization.
- For more information, visit the website for the link to the insurance company and their enrollment application form.
- A valid Georgia Southern University identification card is required to access services at Health Services.
- Insured students should present a current insurance card for services received at the Statesboro clinic if they want to file a claim to their plan.
- Students are encouraged to maintain health insurance coverage in case of hospitalization.
- For more information about the student health insurance plan, visit the website.
- Health Services is proud to be among the outstanding student services offered by Georgia Southern University. Please feel free to contact us with your questions, comments, or suggestions at any time.
Leadership & Community Engagement

Come visit the Office of Leadership & Community Engagement on the Statesboro Campus in Russell Union Suite 1056 or call us at (912) 478-1435. Students can find us on the Armstrong Campus in the Memorial College Center Room 207 or call us at (912) 344-2652. You can also visit our website at http://www.georgiasouthern.edu/LeadServe, or contact us via email at leader@georgiasouthern.edu.

The Office of Leadership & Community Engagement serves to advance the leadership potential and community engagement of Georgia Southern students. We utilize an integrated theoretical approach to learning, service, and leadership that empowers students to become active, global citizens who lead positive change. The Office also provides students with information and resources about the many opportunities available to invest their lives in the community. Volunteering is a powerful way for students to gain hands-on professional level experience while addressing existing social issues and community needs.

Some of the opportunities provided by the Office include:

- **Southern Leaders Program** - A nationally award winning, comprehensive leadership development and community engagement program focused on personal leadership development, team building, and creating positive change. Southern Leaders learn how to make a difference in their community through interactive leadership lessons, community service, challenging team projects, and unique leadership experiences. Upon completion of all program requirements, participants receive the prestigious Southern Leaders Graduate medallion and seal.

- **Serve912** - Our local service initiative where students engage with communities in the 912 area code year-round through regularly scheduled volunteer trips, ongoing community service activities, and meeting local needs as part of the Director’s Immediate Response Team (DIRT).

- **Community Liaisons** - A community engagement program in which student leaders are placed in community agencies to help recruit and manage university volunteers and to assist with other needs of the agencies. Community Liaisons serve to strengthen partnerships between Georgia Southern and the local community.

- **Service-Learning Student Facilitators** - Students in this program learn the theory and practical skills of service-learning to work as peer educators with faculty to create and manage service-learning experiences within academic courses.

- **Southern Collegiate Leadership Conference** - This annual leadership conference hosts students from across the southeast who seek to advance their leadership skills. Students in leadership positions as well as those looking for opportunities to further develop their leadership practice are encouraged to attend.

- **Alternative Breaks** - Offered in December, March, May, and on select weekends, these low-cost trips offer students the opportunity to spend their breaks investing their lives in service to others.

- **Nick Mamalakis Emerging Leaders Program** - An interactive one-year leadership development and community engagement program for Armstrong campus students. This highly interactive program gives students an opportunity to be leaders on-campus while also engaging with the local Savannah community. Upon completion, students can continue on in the Southern Leaders Program.

- **LEAD Courses** - These free, non-credit bearing courses teach the practical application of leadership and service through interactive activities and reflection in the classroom environment.
Minority Advisement Program

The Minority Advisement Program (MAP) was established in 1986 to enhance the academic welfare of minority students in the University System of Georgia. The Minority Advisement Program is a peer mentor program designed to assist minority freshmen with their transition from high school to college and to facilitate a successful adjustment to Georgia Southern University. MAP is centered on minority first year students, but is open to any student seeking its services. With the assistance of peer leaders (MAP Sponsors), MAP tries to provide minority students with a wide variety of programs that assist them with the successful adjustment to Georgia Southern University academically and socially. Services include personal assistance to obtain resources available in areas such as academic advisement, financial aid, career counseling, tutoring, and campus orientation.

For more information about programs and services offered through the Minority Advisement Program, visit student-life/minority-advisement-program/ (https://students.georgiasouthern.edu/multicultural) or visit the Office of Multicultural Affairs on the 2nd floor of the Russell Union Room #2070. You may also contact us at (912) 478-5409 or by email at oma@georgiasouthern.edu.
The mission of the Office of Multicultural Affairs (OMA) supports Georgia Southern University’s greater mission to support cultural diversity. The department is designed to educate and celebrate the cultural and ethnic diversity of students, staff and the Georgia Southern community. This is accomplished by cultivating leaders who value civility, problem solving and heritage. The Office of Multicultural Affairs also promotes a fulfilling and comprehensive college experience which encourages social responsibility and personal well-being obtained through cultural opportunities both inside and outside the classroom. These include a series of support services, programs and activities that foster inclusion and pluralism.

In addition to facilitating diversity workshops in the classroom and for student organizations, the Office of Multicultural Affairs also organizes and promotes campus-wide diversity events which includes but is not limited to: lectures, conferences, trips and leadership workshops. The Office of Multicultural Affairs also collaborates with student organizations and faculty on cultural heritage month celebrations which include but are not limited to: Hispanic Heritage; Lesbian, Gay, Bisexual, Transgender & Questioning (LGBTQ) Awareness; Women’s History Month; Black History Month; Religious Awareness; and much more.

For more information about programs and services offered through the Office of Multicultural Affairs visit students.georgiasouthern.edu/multicultural/ or the office located on the 2nd floor of the Russell Union Room 2070. You may also contact us at (912) 478-5409 or by email at oma@georgiasouthern.edu.
Georgia Southern University exists to provide an environment in which intellectual achievement, scholarship, and character development can flourish. The Georgia Southern community (Students, Faculty, and Staff) willingly shares the responsibility for sustaining a creative and productive atmosphere through adherence to the highest standards of personal and professional conduct. All who are privileged to be a part of Georgia Southern campus life must remain aware they are representatives of Georgia Southern University, whether they are on campus or elsewhere, and are therefore expected to avoid behavior that brings discredit or dishonor upon themselves or the University as an institution. Recognizing trust is the cornerstone of all human relations, Students will work to build and sustain the trust of their peers, the faculty, and staff by following both the letter and the spirit of the Code of Student Conduct. A Student-centered University embraces a campus climate in which civility and respect among members of the campus community is viewed vital to the overall ethical development of its Students.

The University is dedicated not only to learning and the advancement of knowledge, but also to the development of ethically sensitive and responsible persons. It seeks to achieve these goals through sound educational programs and policies governing student conduct that encourage independence and maturity.

The student conduct process is not a court of law, and therefore does not follow prescribed legal or evidentiary standards. The student conduct process is also completely separate from any criminal proceeding and one will have no bearing on the other. Should a Student have a pending legal case, the University will move forward with the student conduct process.

The University may apply sanctions or take other appropriate action when the conduct of a Student interferes with the University’s (a) responsibility of ensuring the opportunity for attainment of educational objectives; or (b) responsibility of protecting property, keeping records, providing services, and sponsoring non-classroom activities such as lectures, concerts, athletic events, and social functions. Georgia Southern University reserves the right to take necessary and appropriate action to protect the safety and well-being of the campus community.

The Office of Student Conduct utilizes Georgia Southern University email as its primary means of communication with Students. It is necessary for Students to check their University email daily and to promptly respond to any requests from the Office of Student Conduct or designee.
Southern's Orientation, Advisement, and Registration (SOAR)

Once accepted for admission, all degree-seeking undergraduate students must attend Southern's Orientation, Advisement, and Registration (SOAR). SOAR is a mandatory orientation program for new incoming students (freshmen and transfers) to assist with their transition to University life. At SOAR, students will receive information about how to succeed both in and outside of the classroom through sessions with faculty, staff, and current students. Family members are encouraged to attend SOAR. There is a fee for both students and guests to attend. Accepted students may complete an online reservation, linked from the SOAR website, GeorgiaSouthern.edu/orientation (http://admissions.georgiasouthern.edu/orientation).

For fall semester enrollment, freshmen and transfers will select a SOAR session to attend during the months of June, July, and August. For more information about SOAR, contact New Student & Family Programs at (912) 478-SOAR, orientation@georgiasouthern.edu, or visit the website at GeorgiaSouthern.edu/orientation (http://admissions.georgiasouthern.edu/orientation).
Student Affairs

Dean of Students Office

Our team finds pleasure in interacting with students on campus, and we are enthusiastic about assisting the University in providing an environment that is conducive to learning and personal development. As a unit of the Division of Student Affairs, the Dean of Students Office upholds the values of the division by applying a student centered approach. We pride ourselves on service to students, and are committed to fostering the type of environment that is characterized by collegiality, civility, safety, free-expression, and respect, regardless of differences. The Dean of Students Office works collaboratively with other offices on campus to enhance the quality of student life.

Through one-on-one appointments and electronic communication, the Dean of Students Office connects with students to discuss and identify concerns so that the University may serve students more efficiently and effectively. We assist individual students with navigating various challenges they may encounter while attending the institution. The Dean of Students Office is here to serve and support the success of all students, for more information, please visit our website at students.georgiasouthern.edu/dean/.
Student Media

Students have the first and last word on news coverage and content of all George-Anne Media Group outlets.

On the Statesboro campus, we engage students through:

- The George-Anne Statesboro edition in print every Thursday during the fall and spring semesters.
- The George-Anne Daily email newsletter five days a week.
- Every Monday through Thursday evening, The George-Anne Studio video staff engages with students at the RAC, including live feeds via social media.
- Every Thursday around lunchtime, The George-Anne Studio video staff produces “What’s Good, GSU” segments in the Russell Union atrium.
- The Reflector feature magazine once per semester.
- The Our House guide for new students every fall.
- On-campus events. These have included programming about sexual assault, spring break and various lifestyle topics.
Student Organizations

Part of each student’s education is the development of his or her talents outside of the classroom. Through offering a wide variety of activities with over 300 student organizations, Georgia Southern University promotes this growth. Current student organization classifications include academic, creative and performing arts, cultural, honorary, professional, service, social action/political, social fraternities & sororities, special interest, spiritual, and sports. Students are encouraged to log on to MyInvolvement via my.georgiasouthern.edu to gain more information about student organizations at Georgia Southern University or visit the Office of Student Activities (http://students.georgiasouthern.edu/student-activities) website. You may also join the Office of Student Activities’ page (on MyInvolvement) to receive our weekly newsletter, detailing various student engagement opportunities on campus and in the community!

The supervision and coordination of student activities and organizations, including the University Programming Board are the responsibility of the Office of Student Activities. At Georgia Southern University, student activities and organizations are regarded as an integral part of the total educational program. To be recognized on campus, organizations must contribute to the academic, recreational or cultural climate of the University. Therefore, the University reserves the right to officially recognize each student organization and requires that it function in accordance with its constitution and/or purpose. Procedures for establishing new organizations can be found in the Guide to Chartering a Student Organization (https://students.georgiasouthern.edu/student-activities/start), available at the Office of Student Activities website. Practices of the various student organizations shall not be contrary to stated policies of the University. All students and student organizations are responsible for their conduct and for familiarizing themselves with the standards and regulations of the University. For more information on student organizations contact the Office of Student Activities, Statesboro campus: (912) 478-7270 | Williams Center-Room 2065 or Armstrong campus: (912) 344-2504 | Memorial College Center-Room 201.

Student Government Association

The Student Government Association is the central student government organization on campus. There are executive officers on each of the three campuses, all of whom fall under the leadership of the SGA President. Each officer is elected each Spring Semester by the student body.

Student Government represents the student body in all phases of student life at Georgia Southern University and facilitates communication among the administration, the faculty, and the student body. Individuals or organizations desiring input into the total life of the campus should enlist the services of the officers and senators. For additional information, call the Student Government Association at (912) 478-0655 on the Statesboro Campus or (912) 344-3534 or access their website at students.georgiasouthern.edu/SGA.

Office of Fraternity and Sorority Life

The Office of Fraternity and Sorority Life is an active part of student life on campus. Approximately 17 percent of full time undergraduate students are members of 30 fraternities and 20 sororities on both the Armstrong and Statesboro campuses. These organizations provide opportunities for members to develop and refine personal leadership skills, make new friends, participate in campus activities and athletics, contribute to local and national philanthropies, and improve their scholarship aptitude. For additional information, call the Office of Fraternity and Sorority Life at (912) 478-5185 or access their website at www.georgiasouthern.edu/fsl.

Student Media

The Office of Student Media oversees student-run news outlets based on both the Statesboro and Armstrong campuses. We engage Georgia Southern students every day to provide information and promote reflection, conversation and action. We do this in print, in person and online with words, photography, video and advertising and marketing services. Students who participate in our program learn communication skills, critical thinking in a business environment, teamwork and leadership. They often go on to media careers, but the program is open to all majors and all career interests. For more information and to apply to join, go to students.georgiasouthern.edu/student-media/.

University Programming Board

University Programming Board is Georgia Southern University’s student-led programming board that consists of Executive Officers and 60+ general members. This student organization provides programming that allows students to maintain a healthy balance between academic pursuits and social activities. The University Programming Board offers a diverse selection of popular entertainment, spirited events, and campus traditions throughout the year and supports the academic mission of Georgia Southern University by collaborating with various academic departments, organizations, and offices to provide programming based on a variety of topics and interests.

Major events produced by the University Programming Board during the fall semester include Beach Bash, a Fall Family Weekend Block Party and Homecoming. The Miss Georgia Southern University Scholarship Pageant, outdoor movies, and special performances are among the many programs coordinated during the spring semester. All events are open to Georgia Southern University students, faculty, and staff with their Eagle ID.

For more information about what programs are coming to campus, information about how to get involved, or a schedule of events, please visit our website at: students.georgiasouthern.edu/student-activities/ or contact the:

University Programming Board, Statesboro campus
Williams Center-Room 2061
upb@georgiasouthern.edu

University Programming Board, Armstrong campus
Memorial College Center-Room 214
upba@georgiasouthern.edu

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University Programming Board, Statesboro campus
Williams Center-Room 2061
upb@georgiasouthern.edu

University Programming Board, Armstrong campus
Memorial College Center-Room 214
upba@georgiasouthern.edu
The University Store

You’ll find the textbooks and academic supplies you need for class plus gameday apparel and spirit merchandise all in one place at the University Store on the Statesboro Campus. Because the store is owned and operated by Georgia Southern University, store profits are reinvested into the campus community, so you’re supporting your University every time you shop.

Textbooks | Textbook Rentals | Ebooks

University Store offers all required textbooks for the Statesboro Campus and all Georgia Southern online courses. Unlike other bookstores, they work with campus faculty to ensure that they sell only the correct and complete editions of textbooks and course materials. The store offers multiple purchasing options by selling both new and used books and eBooks. They also offer book rentals that can save students up to 75% off of new book costs. For your convenience, books can be purchased via your WINGS account or via the store’s website at GSUstore.com. Books and course materials may be purchased with available financial aid bookstore credit - all you need is your Eagle Card!

During Buyback at the end of each semester, University Store will buy your new or used textbook as needed if it will be used by faculty in the upcoming semesters.

Supplies

University Store sells basic school supplies like bookbags, binders, pens and pencils, scantrons, etc. as well as class and major-specific supplies and items such as lab coats and glasses, sketch paper and portfolio holders. Your financial aid bookstore credit may be used to purchase any of the supply items that are sold at the store during the beginning of each term.

Apparel and Merchandise

Offering the best and largest selection of men’s, women’s and children’s official Georgia Southern University gear and apparel, you’re sure to find something for every Eagle fan at the University Store! Shop the latest styles in store or online at GSUstore.com. You can even make a wishlist of your favorite items on the website to share with your friends and family. Make sure to sign up for our U-Count rewards program, and you’ll earn reward points every time you shop!
University Housing

University Housing at Georgia Southern University operates twelve housing units providing a living-learning environment for approximately 6,400 students and offering a variety of facilities, services, and programs on the Statesboro and Armstrong campuses. Georgia Southern University strives to provide a positive environment conducive to the development and academic pursuits of its residents. Residence hall living provides social interaction and events to heighten a student's sense of belonging, understanding of others, and how to live with others in a common space. Included in learning experiences are floor meetings, social events, programs on life skills, communication and conflict management, wellness topics that support academic success and understanding others, leadership positions in hall government, and a completion of a roommate agreement. These experiences provide students the opportunity to grow, achieve, find autonomy, and practice decision-making. With a staff of more than 250 full-time and student employees, University Housing is committed to assisting students in making a smooth transition to college life.

Applying for Campus Housing

Only students accepted for admission to Georgia Southern University may apply for campus housing. Housing information will be emailed to students using the email address on file with the Office of Admissions after notification of admission acceptance. The housing application is available online through the My.GeorgiaSouthern.edu (https://my.georgiasouthern.edu) portal.

Rates

Housing rates vary based on the type of facility. Once rates have been approved by the Board of Regents, a complete listing of housing fees will be provided to applicants or may be viewed at auxiliary.georgiasouthern.edu/housing/rates-2/.

Questions pertaining to student housing should be directed to:

University Housing
Post Office Box 8102
Georgia Southern University
Statesboro, GA 30460-8102
(912) 478-5406
FAX: (912) 478-1148
housing@georgiasouthern.edu
auxiliary.georgiasouthern.edu/housing

First Year Live in On-Campus Housing

Requirements/Eligibility

To be eligible to live in University Housing, one must be enrolled at Georgia Southern University and maintain a minimum of nine credit hours per semester as an undergraduate student. First year students, with some exceptions, are required to live in On-Campus housing. For detailed information about this policy, go to auxiliary.georgiasouthern.edu/housing/prospective for guidelines and exceptions.

Graduate Student On-Campus Housing

Graduate students are eligible to apply for any upper-class space available. Currently we have no housing that is restricted to just graduate students. Graduate students who are seeking on-campus housing should contact the Housing Office or visit the Housing Office web site at auxiliary.georgiasouthern.edu/housing.

Communities in the Residence Halls

Living in a residence hall means being part of a residential community focused on your academic success at Georgia Southern University. Each of the residence halls offer different communities based upon the students living there, the nature of the building and sometimes the specialized programs or floors that are based around themes, academic programs or other learning initiatives. Each year, University Housing, in partnership with other campus offices, colleges, and faculty members, provides support to the students living in our residential communities in different ways. On campus housing is available on the Statesboro Campus and Armstrong Campus. Housing is not available on the Liberty Campus.

More information about the different community options each year is available on the housing website at auxiliary.georgiasouthern.edu/housing.

Questions pertaining to student housing should be directed to:

University Housing
Post Office Box 8102
Georgia Southern University
Statesboro, GA 30460-8102
(912) 478-5406
FAX: (912) 478-1148
housing@georgiasouthern.edu
auxiliary.georgiasouthern.edu/housing

Occupancy Periods

Students may occupy their assigned space from the date designated as the official opening of campus housing to the date designated as the end of the semester. Campus housing is closed between academic sessions. Some housing units provide housing during the Winter Break as part of the housing fees. Please refer to the housing website for additional information.

Removal from Housing

Students can be removed from Housing for the following reasons: conduct and behavioral reasons, non-enrollment, nonpayment of tuition, University fees, housing, or contract meal charges.
University Programming Board

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For more information about what programs are coming to campus, information about how to get involved, or a schedule of events, please contact the Office of Student Activities, Statesboro campus: Williams Center-Room 2065 | (912) 478-7270 or Armstrong campus: Memorial College Center-Room 201 | (912) 344-2504, or visit our website at: students.georgiasouthern.edu/student-activities.
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