

Undergraduate Catalog

2013 - 2014

Georgia Southern University

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GEORGIA SOUTHERN UNIVERSITY

Undergraduate Catalog 2013-2014

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.

Georgia Southern University

Statesboro, Georgia 30460

General Information: (912) 478-5611

World Wide Web: <http://www.georgiasouthern.edu/>

Georgia Southern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, masters, specialists and doctorate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 (<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 Commission's office. The Commission should be contacted only if there is evidence that appears to support an institution's significant non-compliance with a requirement or standard.

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 student and this institution.

While the provisions of the catalog will ordinarily be applied as stated, Georgia Southern University reserves the right to change any provision listed in this catalog, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students advised of such changes. Information on changes will be available in the Office of the Registrar. It is especially important for each student to note that it is his/her responsibility to keep himself/herself apprised of current graduation requirements for his/her particular degree program.

If you have suggestions for improving this *Catalog*, please contact us at (912) 478-8043.

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 the *Director of Diversity Services*, at (912) 478-5136, P.O. Box 8035, Statesboro, GA 30460-8035.

Accommodations for Americans 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 their disability to the Student Disability Resource Center (SDRC) Director before academic accommodations can be implemented. The University offers modern technological devices for people with visual and hearing impairments. For additional information, please call the ADA Compliance Officer at (912) 478-5136, TDD (912) 478-0273, or the SDRC Director at (912) 478-1566, TDD (912) 478-0666. The TDD phone numbers are specifically for those 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 communications between the University and the student. It is the student's responsibility to check his/her e-mail each school day for administrative messages. There is no justifiable excuse for failure to respond to a University communication or failure to act on a University communication in a timely manner.

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University Calendars

Fall Semester 2013

April 1	GOML (Georgia ONmyLINE), Registration begins for Fall 2013 Full, Short I, and Short II sessions
April 1	Final deadline for EdD Educational Administration applicants for Fall 2013 admission
April 1	Priority deadline for freshmen students to apply for Fall 2013 admission
April 1	Final deadline for undergraduate students to apply for Summer 2013 admission
May 1	Final deadline for freshman students to apply for Fall 2013 admission
June 1	Final deadline for former student applicants for Fall 2013
June 1	Final deadline for international graduate students to apply for Fall 2013 admission
July 1	Final deadline for domestic graduate students to apply for Fall 2013 admission
July 31	Final deadline for WebMBA (Web Master Business Administration) applicants for Fall 2013 admission
August 1	Final deadline for transfer, transient, post-baccalaureate, Accel, and mature students to apply for Fall 2013 admission
August 7	Employee Tuition Assistance Program (TAP) registration for Fall 2013, via the web beginning at 8:30 a.m.
August 8	Academic Standards Committee meeting, 1:00 p.m.
August 9	New Faculty Forum
August 12	Academic Year begins
August 14	University Fall Convocation (for Faculty and Staff)
August 14	Academic Standards Committee meeting, 2:00 p.m.
August 14	WebMBA (Web Master Business Administration), classes begin for Fall 2013, fee payment deadline
August 16	GOML (Georgia ONmyLINE), Final deadline for applicants for Fall 2013 admission
August 16	Operation Move in at the RAC, 9:00 a.m. - 5:00 p.m. and 5:30 p.m. - 10:00 p.m. in the residence halls
August 17	New Student Orientation and Registration for Undergraduate Students, Russell Union, 8:00 a.m. – NOTE: Enrolled and former students should refer to WINGS (http://students.georgiasouthern.edu/registrar) for specific registration times.
August 18	Conversations with Professors for all new first-year students, 3:30-4:45 p.m.
August 19	Fee payment deadline for Fall 2013, including GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), (First Day of University Classes)
August 19	Classes Begin, Attendance Verification must be completed on the first class meeting day
August 19	Classes Begin, GOML (Georgia ONmyLINE), Full and Short I sessions, WebBSIT (Web Bachelor of Science Information Technology)
August 19	Final date for undergraduate students to apply for Fall 2014 graduation
August 19	Final date for graduate students to apply for Fall 2013 graduation
August 19-22	Drop/Add Fall Semester
August 19-23	GOML (Georgia ONmyLINE), Full and Short I sessions, WebBSIT (Web Bachelor of Science Information Technology), Drop/Add
August 20	\$75 Late fee in effect for graduate students who missed the August 19 deadline to apply for Fall 2013 Graduation
August 23	\$100 Late Registration Fee begins
August 28	GOML (Georgia ONmyLINE), Attendance Verification must be completed for Full and Short I sessions, WebBSIT (Web Bachelor of Science Information Technology), Attendance Verification must be completed
September 2	Labor Day Holiday – Administrative offices closed – No classes
September 2	Faculty may begin entering early alert/mid-term grades for freshmen (due October 4)
September 3	Fee payment deadline for final SOAR registration, registration or changing registration during the Drop/Add period
September 11	GOML (Georgia ONmyLINE), Last day to withdraw without academic penalty, Short I session
September 27-29	Fall Family Weekend
October 1	Final deadline for international graduate students to apply for Spring 2014 admission
October 4	Last day to submit required early alert/mid-term grades for freshmen
October 9	GOML (Georgia ONmyLINE), Classes end for Short I session
October 9	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Last day to withdraw without academic penalty, Full session
October 10-12	GOML (Georgia ONmyLINE), Final Exams for Short I session
October 14	Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional Information (http://academics.georgiasouthern.edu/advisement/aa_policy.html)
October 14	GOML (Georgia ONmyLINE), Classes begin for Short II session
October 14-18	GOML (Georgia ONmyLINE), Drop/Add for Short II session
October 23	GOML (Georgia ONmyLINE), Attendance Verification must be completed for Short II session
October 28	Early Registration for Spring and Summer 2014 begins (Students should view WINGS for individual date and time)
November 1	GOML (Georgia ONmyLINE), Early Registration (GOML), for Spring 2014 Full, Short I, and Short II sessions
November 1	Deadline for submission and acceptance of \$75 Late Graduation Application Fee for Fall graduation for graduate students
November 1	Final deadline for EdD Educational Leadership applicants for Spring 2014
November 1	Priority deadline for domestic graduate students to apply for Spring 2014 admission
November 6	GOML (Georgia ONmyLINE), Last day to withdraw without academic penalty for Short II session
November 8-9	Homecoming – Classes canceled beginning at 2:00 p.m. on Friday, November 8
November 13	Final date to hold terminal or comprehensive examination, theses and dissertation defenses
November 15	Final deadline for domestic graduate students to apply for Spring 2014 admission
November 15	Final deadline for University System of Georgia full-time employees to apply for the Employee Tuition Assistance Program

	(TAP) for Spring 2014
November 15	WebMBA (Web Master Business Administration), last day of classes
November 18-20	WebMBA (Web Master Business Administration), Final Exams
November 20	Deadline to submit electronic theses and dissertations to College of Graduate Studies for final format review
November 25-29	Thanksgiving Holidays for students, Residence halls open – Administrative offices open November 25-27, closed November 28-29 for Thanksgiving Holidays
November 29	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Classes end for Full session
December 1	Final Deadline for Undergraduate Students to apply for Spring 2014 admission
December 1	Final deadline for WebMBA (Web Master Business Administration) applicants for Spring 2014
December 2-4	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Final Exams for Full session
December 4	GOML (Georgia ONmyLINE), Classes end for Short II session
December 5-7	GOML (Georgia ONmyLINE), Final Exams for Short II session
December 6	Last day of classes
December 9-12	Final exams
December 12	Deadline to submit final verified (approved) electronic theses or dissertation to College of Graduate Studies
December 13	Residence halls close at 12:00 noon (with the exception of students living in Centennial Place building 2, University Villas and Freedom's Landing)
December 13	Commencement at Hanner Fieldhouse
December 14	Residence halls close at 12:00 noon for students participating in commencement activities (permission required)
December 14	Winter Break for students begins
December 18	Employee Tuition Assistance Program (TAP) registration for Spring 2014, via the web beginning at 8:30 a.m.
Dec 23-Jan 1	Winter Break – Administrative offices closed

Spring Semester 2014

December 1	Final deadline for Undergraduate Students to apply for Spring 2014 admission
December 1	Final deadline for WebMBA (Web Master Business Administration) applicants for Spring 2014
December 18	Employee Tuition Assistance Program (TAP) registration for Spring 2014, via the web beginning at 8:30 a.m.
January 1	New Year's Day Holiday - Administrative offices closed - No classes
January 6	Academic Standards Committee meeting, 1:00 p.m.
January 8	Academic Standards Committee meeting, 10:00 a.m.
January 9	Residence hall check-in, 12:00 noon at the Residence Halls
January 10	GOML (Georgia ONmyLINE), Final deadline for applicants for Spring 2014 admission
January 10	New Student Orientation and Registration for Undergraduate Students, Russell Union, 8:00 a.m. NOTE: Enrolled and former students should refer to WINGS (http://students.georgiasouthern.edu/registrar) for specific registration times.
January 12	Conversations with Professors for all new first-year students, 3:30-4:45 p.m.
January 13	Fee payment deadline for Spring 2014, including GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), (First Day of University Classes)
January 13	Classes Begin, Attendance Verification must be completed on the first class meeting day
January 13	Classes Begin, GOML (Georgia ONmyLINE), Full and Short I sessions and WebBSIT (Web Bachelor of Science Information Technology)
January 13	Final Date for Undergraduate students to apply for Spring 2015 graduation
January 13	Final Date for Graduate students to apply for Spring 2014 and Summer 2014 graduation
January 13-16	Drop/Add Spring Semester
January 13-17	GOML (Georgia ONmyLINE), Full and Short I sessions and WebBSIT (Web Bachelor of Science Information Technology), Drop/Add
January 14	\$75 Late fee in effect for graduate students who missed the January 13 deadline to apply for Spring or Summer 2014 Graduation
January 15	WebMBA (Web Master Business Administration), classes begin for Spring 2014, fee payment deadline
January 15	Application deadline for Doctor of Psychology applicants for Fall 2014 admission (Domestic & International)
January 17	\$100 Late Registration Fee begins
January 20	Martin Luther King Jr. Holiday - Administrative offices closed - No classes
January 22	GOML (Georgia ONmyLINE) Full and Short I sessions and WebBSIT (Web Bachelor of Science Information Technology), Attendance Verification must be completed
January 27	Fee payment deadline for final SOAR registration, or changing registration during Drop/Add period
January 27	Faculty may begin entering early alert/mid-term grades for freshmen (due February 28)
January 30	Final deadline for EdD Curriculum Studies applicants for Summer 2014
February 1	Final deadline for International Graduate Students to apply for Summer 2014 admission
February 5	GOML (Georgia ONmyLINE), Last day to withdraw without academic penalty, Short I session
February 28	Last day to submit required early alert/mid-term grades for freshmen
March 1	Deadline for receipt of Graduate Assistantship Applications to have priority consideration for Fall 2014
March 1	Application deadline for Doctorate of Nursing Practice applicants for Fall 2014 (Domestic and International)
March 1	Priority deadline for domestic Graduate Students to apply for Summer 2014 admission
March 5	GOML (Georgia ONmyLINE), Last day of class for Short I session
March 5	GOML (Georgia ONmyLINE), Full session, WebBSIT (Web Bachelor of Science Information Technology), Last day to withdraw without academic penalty

March 6	GOML (Georgia ONmyLINE), Final Exams for Short I session
March 10	Last day to withdraw without academic penalty; See the Policy for Limiting Individual Course Withdrawals for additional Information (http://academics.georgiasouthern.edu/advisement/aa_policy.html)
March 10	GOML (Georgia ONmyLINE), Classes begin for Short II session
March 10-14	GOML (Georgia ONmyLINE), Drop/Add for Short II session
March 15	Priority deadline for domestic Graduate Students to apply for Fall 2014 admission
March 17-21	Spring break for students – Administrative offices open – Residence halls open
March 17-21	Spring break, WebMBA (Web Master Business Administration)
March 19	Application deadline for MEd Counselor Education applicants for Summer 2014 and Fall 2014 admission (no Spring 2014 admission)
March 19	GOML (Georgia ONmyLINE), Attendance Verification must be completed for Short II session
March 24	Early Registration for Fall 2014 begins (Students should view WINGS for individual date and time.)
April 1	Application deadline for Undergraduate Students to apply for Summer 2014 Admission
April 1	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Registration Begins for Summer and Fall 2014
April 1	Final deadline for EdD Educational Leadership applicants for Fall 2014
April 1	Final deadline for domestic Graduate Students to apply for Summer 2014 admission
April 1	Deadline for submission and acceptance of \$75 Late Graduation Application Fee for Spring or Summer graduation for graduate students
April 2	Honors Day, Nessmith-Lane Conference Center 8:30 a.m. Classes beginning at 8:00 and 9:00 a.m. will not be canceled
April 3	GOML (Georgia ONmyLINE), Last day to withdraw without academic penalty for Short II session
April 9	Final date to hold terminal or comprehensive examination, theses or dissertation defenses
April 15	Final Deadline for University System of Georgia full-time employees to apply for the Employee Tuition Assistance Program (TAP) for Summer 2014
April 15	Application deadline for MS Kinesiology-Coaching applicants for Summer 2014 (no Fall or Spring admission)
April 16	Deadline to submit electronic theses and dissertations to College of Graduate Studies for final format review
April 18	WebMBA (Web Master Business Administration), last day of classes
April 19-22	WebMBA (Web Master Business Administration), Final Exams
April 23	Employee Tuition Assistance Program (TAP) Registration for Summer 2014, via the web beginning at 8:30 a.m.
April 30	GOML (Georgia ONmyLINE), Last day of class for Short session II
May 1	WebMBA (Web Master Business Administration), classes begin for Summer 2014, fee payment deadline
May 1-2	GOML (Georgia ONmyLINE), Final Exams for Short II session
May 2	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Classes end for Full Session
May 2	Last day of classes
May 5-7	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Final Exams for Full Session
May 5-9	Final Exams, May 9 Exams will be in the morning only
May 9	Deadline to submit final verified (approved) electronic theses or dissertations to College of Graduate Studies
May 9	Commencement for Graduate students at Hanner Fieldhouse, 1:00 p.m.
May 10	Residence halls close, 12:00 noon
May 10	Commencement for Undergraduate Students at Paulson Stadium, 9:00 a.m.
May 11	Residence Halls close at 12:00 noon for students participating in Commencement activities (permission required)
May 16	GOML (Georgia ONmyLINE), Final deadline for applicants for Summer 2014 admission
June 1	Final deadline for International Graduate Students to apply for Fall 2014 admission
June 1	Final deadline for former student applicants for Fall 2014

Summer Semester 2014

January 13	Final Date for undergraduate students to apply for Summer 2015 graduation
January 13	Final Date for graduate students to apply for Summer 2014 graduation
January 14	Deadline for submission and acceptance of \$75 Late Graduation Application Fee for Spring or Summer 2014 graduation for graduate students
April 1	Final deadline for undergraduate students to apply for Summer 2014 admission
April 1	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology) Early Registration for Summer and Fall 2014
April 1	Deadline for submission and acceptance of \$75 Late Graduation Application Fee for Spring or Summer graduation for graduate students
April 15	Final Deadline for University System of Georgia full-time employees to apply for the Employee Tuition Assistance Program (TAP) for Summer 2014
April 23	Employee Tuition Assistance Program (TAP) Registration for Summer 2014, via the web beginning at 8:30 a.m.
May 1	WebMBA (Web Master Business Administration), classes begin for Summer 2014, fee payment deadline
May 15	Academic Standards Committee meeting, 2:00 p.m.
May 16	Residence hall check-in for Long Term and Term A, 12:00 noon in the Residence Halls
May 16	GOML (Georgia ONmyLINE), Final deadline for applicants for Summer 2014 admission
May 17	New Student Orientation and Registration for Undergraduate Students, Russell Union, 8:00 a.m. NOTE: Enrolled and former students should refer to WINGS (http://students.georgiasouthern.edu/registrar) for specific registration times.

May 19	Academic Standards Committee meeting, 10:00 a.m.
May 19	Fee payment deadline for Summer 2014 (First Day of University Classes) for Long Term, Term A, College of Public Health Graduate Evening Session, and College of Education Graduate Session, GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology)
May 19	Classes begin for Long Term, Term A, and College of Public Health Graduate Evening Monday/Wednesday Session, Attendance Verification must be completed on the first class meeting day
May 19-21	Drop/Add for Long Term and Term A and College of Public Health Graduate Session
May 19-23	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Drop/Add
May 20	Classes begin for College of Public Health Graduate Evening Tuesday/Thursday Session, Attendance Verification must be completed on the first class meeting day
May 22	Faculty may begin entering early alert/mid-term grades for freshmen for Term A (due June 2)
May 26	Memorial Day – Administrative offices closed – No classes
May 26	Faculty may begin entering early alert/mid-term grades for freshmen for Long Term (due June 12)
May 27	Classes begin for College of Education Graduate Tuesday/Thursday Session, Attendance Verification must be completed on the first class meeting day
May 27-28	Drop/Add College of Education Graduate Session
May 28	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Attendance Verification must be completed for Summer 2014
May 28	Classes begin for College of Education Graduate Monday/Wednesday Session, Attendance Verification must be completed on the first class meeting day
June 1	Final deadline for former student applicants for Fall 2014
June 1	Final deadline for international graduate students to apply for Fall 2014 admission
June 2	Last day to submit required early alert/mid-term grades for freshmen for Term A
June 2	Fee payment deadline for final SOAR, registrations or changing registration during Drop/Add period for Long Term, Term A, College of Public Health Graduate Evening Session and College of Education Session
June 5	Last day to withdraw without academic penalty, Term A
June 12	Last Day to submit required early alert/mid-term grades for freshmen for Long Term
June 13	Last day to withdraw without academic penalty, College of Public Health Graduate Evening Session
June 17	Last day to withdraw without academic penalty, College of Education Graduate Session
June 17	Final exams Evening classes, Term A, COE Graduate Evening Classes Tuesday/Thursday begins at 4:00 p.m.
June 18	Final exams Evening classes, Term A, COE Graduate Evening Classes Monday/Wednesday, begins at 4:00 p.m.
June 18	Last day of classes for Term A
June 18	Last day to withdraw without academic penalty, Long Term
June 19	Term A exams
June 19	Final exams for Evening classes, Term A, 6:00-8:00 p.m.
June 19	Final exams Evening classes, Term A, COBA Graduate Evening Classes Monday/Wednesday, 6:00 pm and Tuesday/Thursday, 8:00 p.m.
June 19	Residence halls open at 12:00 noon for EIP Students
June 20	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Last day to withdraw without academic penalty
June 20	Academic Standards Committee meeting, 10:00 a.m.
June 20	Residence halls close at 12:00 noon for students attending Term A
June 22	Residence hall check-in for Term B at 12:00 noon in the Residence Halls
June 22	Conversations with Professors for all new first-year students, 3:30-4:45 p.m.
June 23	Classes begin for Term B; Attendance Verification must be completed on the first class meeting day
June 23-25	Drop/Add for Term B
June 26	Faculty may begin entering early alert/mid-term grades for freshmen for Term B (due July 8)
June 26	Last day of classes for College of Public Health Graduate Evening Tuesday/Thursday Session
June 27	Final date to hold terminal or comprehensive examination, theses or dissertation defense for Summer graduates
June 30	Last day of classes for College of Public Health Graduate Evening Monday/Wednesday Session
July 1	Final deadline for domestic graduate students to apply for Fall 2014 admission
July 1	Final exams for Tuesday/Thursday, College of Public Health Graduate Evening Session
July 2	Final exams for Monday/Wednesday, College of Public Health Graduate Evening session
July 3	Last day of classes for College of Education Graduate Tuesday/Thursday Session
July 4	Independence Day Holiday – Administrative offices closed – No classes
July 7	Deadline to submit electronic theses and dissertations to College of Graduate Studies for final format review
July 7	Last day of classes for College of Education Graduate Monday/Wednesday Session
July 7	Fee payment deadline for final SOAR registration and/or for changing registrations during the Drop/Add period for Term B
July 8	Last day to submit required early alert/mid-term grades for freshmen for Term B
July 8	Final exams for Tuesday/Thursday, College of Education Graduate Session
July 9	Final exams for Monday/Wednesday, College of Education Graduate Session
July 10	Last day to withdraw without academic penalty, Term B
July 10	Final exams for Tuesday/Thursday Evening Classes, Long Term
July 14	Final exams for Monday/Wednesday Evening Classes, Long Term
July 15	Final Deadline for University System of Georgia full-time employees to apply for the Employee Tuition Assistance Program (TAP) for Fall 2013
July 15	Last day of Classes for Long Term
July 16-17	Final exams, Long Term
July 18	Residence halls close at 12:00 noon for students attending, Long Term

July 18	WebMBA (Web Master Business Administration), last day of classes
July 19-21	WebMBA (Web Master Business Administration), Final Exams
July 21	Final exams, Term B, COE Graduate Classes, Monday/Wednesday, 11:00 a.m. or 4:00 p.m.
July 22	Final exams, Term B, COE Graduate Classes, Tuesday/Thursday, 11:00 a.m. or 4:00 p.m.
July 23	Final exams, Term B, COBA Graduate Evening Classes, Monday/Wednesday 6:00 p.m.
July 23	Last day of classes for Term B
July 24	Final exams, Term B, COBA Graduate Evening Classes, Tuesday/Thursday 8:00 p.m.
July 24	Final exams for Evening classes, Term B, 6:00-8:00 p.m.
July 24	Term B exams
July 24	Deadline to submit final verified (approved) electronic theses or dissertations to College of Graduate Studies
July 25	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Classes end
July 25	Residence halls close at 12:00 noon for Term B and EIP
July 28-30	GOML (Georgia ONmyLINE), WebBSIT (Web Bachelor of Science Information Technology), Final Exams
July 31	Final deadline for WebMBA admissions for Fall 2014
August 7	Academic Standards Committee meeting, 2:00 p.m.
August 18	Final date for graduate and undergraduate students to apply for Fall 2014 graduation

Fall Semester 2014

June 1	Final deadline for former student applicants for Fall 2014
August 11	Academic Year begins
August 16	Final registration
August 18	Fee payment deadline, Fall Semester 2014 (First Day of University Classes)
August 18	Classes begin
August 18	Final date for undergraduate students to apply for Fall 2015 graduation
August 18	Final date for graduate students to apply for Fall 2014 graduation
August 18-21	Drop/Add
September 1	Labor Day Holiday
November 24-28	Thanksgiving Holidays for students – Administrative offices closed November 27-28
December 5	Last day of classes
December 8-11	Final exams
December 12	Commencement

Spring Semester 2015

January 1	New Year's Day Holiday – Administrative offices closed
January 9	Final registration
January 12	Fee payment deadline, Spring Semester 2014 (First Day of University Classes)
January 12	Classes begin
January 12	Final date for undergraduate students to apply for Spring 2016 graduation
January 12	Final date for graduate students to apply for Spring and Summer 2015 graduation
January 12-15	Drop/Add
January 19	Martin Luther King Jr. Holiday – Administrative offices closed – No classes
March 16-20	Spring Break
May 1	Last day of classes
May 4-8	Final exams
May 8	Graduate Commencement
May 9	Undergraduate Commencement

Summer Semester 2015

January 13	Final date for undergraduate students to apply for Summer 2016 graduation
January 13	Final date for graduate students to apply for Summer 2015 graduation
May 16	Final Registration
May 18	Classes begin for Term A, Long Term, and College of Public Health Graduate Monday/Wednesday classes
May 18-20	Drop/Add for Term A, Long Term, and Public Health Graduate classes
May 19	Classes begin for College of Public Health Graduate Tuesday/Thursday classes
May 25	Memorial Day Holiday – Administrative Offices closed – No classes
May 26	Classes begin for College of Education Graduate Tuesday/Thursday classes
May 26-27	Drop/Add for College of Education Graduate Monday/Wednesday and Tuesday/Thursday classes
May 27	Classes begin for College of Education Graduate Monday/Wednesday classes
June 17	Last day of classes for Term A
June 18	Final Exams for Term A
June 22	Classes begin for Term B
June 22-24	Drop/Add for Term B

June 25	Last day of classes for College of Public Health Graduate Tuesday/Thursday classes
June 29	Last day of classes for College of Public Health Graduate Monday/Wednesday classes
June 30	Final exams for College of Public Health Graduate Tuesday/Thursday classes
July 1	Final exams for College of Public Health Graduate Monday/Wednesday classes
July 2	Last day of classes for College of Education Graduate Tuesday/Thursday classes
July 3	Independence Day Holiday (Observed) – Administrative Offices closed – No classes
July 6	Last day of classes for College of Education Graduate Monday/Wednesday classes
July 7	Final exams for College of Education Graduate Tuesday/Thursday classes
July 8	Final Exams for College of Education Graduate Monday/Wednesday classes
July 14	Last day of classes for Long Term
July 15-16	Final Exams for Long Term
July 22	Last day of classes for Term B
July 23	Final Exams for Term B

Fall Semester 2015

June 1	Final deadline for former student applicants for Fall 2015
August 10	Academic Year begins
August 15	Final registration
August 17	Fee payment deadline, Fall Semester 2015 (First Day of University Classes)
August 17	Classes begin
August 17	Final date for undergraduate students to apply for Fall 2016 graduation
August 17	Final date for graduate students to apply for Fall 2015 graduation
August 17-20	Drop/Add
September 7	Labor Day Holiday
November 23-27	Thanksgiving Holidays for students – Administrative offices closed November 26-27
December 4	Last day of classes
December 7-10	Final exams
December 11	Commencement

Spring Semester 2016

January 1	New Year's Day Holiday – Administrative offices closed
January 8	Final registration
January 11	Fee payment deadline, Spring Semester 2016 (First Day of University Classes)
January 11	Classes begin
January 11	Final date for undergraduate students to apply for Spring 2017 graduation
January 11	Final date for graduate students to apply for Spring and Summer 2016 graduation
January 11-14	Drop/Add
January 18	Martin Luther King Jr. Holiday – Administrative offices closed – No classes
March 14-18	Spring Break
April 29	Last day of classes
May 2-6	Final exams
May 6	Graduate Commencement
May 7	Undergraduate Commencement

Summer Semester 2016

January 13	Final date for undergraduate students to apply for Summer 2017 graduation
January 13	Final date for graduate students to apply for Summer 2016 graduation
May 14	Final Registration
May 16	Classes begin for Term A, Long Term, and College of Public Health Graduate Monday/Wednesday classes
May 16-18	Drop/Add for Term A, Long Term, and College of Public Health classes.
May 17	Classes begin for College of Public Health Graduate Tuesday/Thursday classes
May 30	Memorial Day Holiday – Administrative Offices closed – No classes
May 31	Classes begin for College of Education Graduate Tuesday/Thursday classes
May 31 – June 1	Drop/Add for College of Education Graduate Monday/Wednesday and Tuesday/Thursday classes
June 1	Classes begin for College of Education Graduate Monday/Wednesday classes
June 15	Last day of classes for Term A
June 16	Final Exams for Term A
June 20	Classes begin for Term B

June 20-22	Drop/Add for Term B
June 23	Last day of classes for College of Public Health Graduate Tuesday/Thursday classes
June 27	Last day of classes for College of Public Health Graduate Monday/Wednesday classes
June 28	Final exams for College of Public Health Graduate Tuesday/Thursday classes
June 29	Final exams for College of Public Health Graduate Monday/Wednesday classes
July 4	Independence Day Holiday – Administrative Offices closed – No classes
July 7	Last day of classes for College of Education Graduate Tuesday/Thursday classes
July 11	Last day of classes for College of Education Graduate Monday/Wednesday classes
July 12	Final exams for College of Education Graduate Tuesday/Thursday classes
July 12	Last day of classes for Long Term
July 13	Final Exams for College of Education Graduate Monday/Wednesday classes
July 13-14	Final Exams for Long Term
July 20	Last day of classes for Term B
July 21	Final Exams for Term B

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 at "Calendars" on our web site, <http://em.georgiasouthern.edu/registrar/>.

Institutional Testing Schedule 2013-2014

(Dates are subject to change, please verify dates at
<http://studentsupport.georgiasouthern.edu/asc/testing>)

Institutional Scholastic Aptitude Test (ISAT/On-Campus SAT)

(<http://studentsupport.georgiasouthern.edu/asc/testing/isat/>)

Friday	July 12, 2013
Friday	November 8, 2013
Friday	March 14, 2014
Friday	May 10, 2014
Wednesday	June 18, 2014
Friday	July 11, 2014

Testing is available by appointment Monday through Friday, at 8:30 am.

American College Test (ACT)- Residual/On-Campus

(<http://studentsupport.georgiasouthern.edu/asc/testing/act-residual>)

Friday	July 12, 2013
Friday	November 8, 2013
Friday	March 28, 2014
Friday	April 25, 2014
Friday	May 16, 2014
Thursday	June 19, 2014
Friday	July 11, 2014

Testing is available by appointment Monday through Friday, at 8:30 am.

Miller Analogies Test (MAT) (<http://studentsupport.georgiasouthern.edu/asc/testing/mat>)

Saturday	July 13, 2013
Saturday	September 21, 2013
Saturday	October 19, 2013
Saturday	November 2, 2013
Saturday	December 14, 2013
Saturday	January 25, 2014
Saturday	February 8, 2014
Saturday	March 1, 2014
Saturday	April 5, 2014
Saturday	May 3, 2014
Saturday	June 14, 2014

Testing is available by appointment Monday through Friday between 9:00 a.m. - 4:00 p.m.

College Level Examination Program (CLEP)

(<http://studentsupport.georgiasouthern.edu/asc/testing/clep>)

Offered by an appointment Monday through Friday by calling 912-478-5415.

DSST (<http://studentsupport.georgiasouthern.edu/asc/testing>)

Offered by an appointment Monday through Friday by calling 912-478-5415.

National Testing Schedule 2013-2014

(Dates are subject to change)

American College Test (ACT) (<http://www.actstudent.org>)

Saturday	September 21, 2013
Saturday	October 26, 2013
Saturday	December 14, 2013
Saturday	February 8, 2014
Saturday	April 12, 2014
Saturday	June 14, 2014

Scholastic Aptitude Test (SAT) (<http://sat.collegeboard.org>)

Saturday	October 5, 2013
Saturday	November 2, 2013
Saturday	December 7, 2013
Saturday	January 25, 2014
Saturday	March 8, 2014
Saturday	May 3, 2014
Saturday	June 7, 2014

Graded Record Exam (GRE) Subject Tests (<http://www.ets.org/gre>)

Saturday	September 28, 2013
Saturday	April 5, 2014

Law School Admission Test (LSAT) (<http://www.lsac.org>)

Saturday	October 5, 2013
Saturday	December 7, 2013
Saturday	February 8, 2014

American Council for Exercise Exams (ACE) (<http://www.acefitness.org>)

Offered on the computer by appointment through CastleWorld Wide.

Certified Health Education Specialist (CHES)/Master Certified Health Education Specialist (MCHES) (<http://www.nchec.org>)

Saturday	October 19, 2013
Saturday	April TBA, 2014

Test of English as a Foreign Language (TOEFL) (<http://www.ets.org/toefl>)

See the web site for the testing dates.

Board of Certification (BOC) Athletic Training Certification Exam (<http://www.bocac.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 <http://studentsupport.georgiasouthern.edu/asc/testing> or call (912) 478-5415 or email testing@georgiasouthern.edu.

Accreditation

Georgia Southern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award bachelors, masters, specialists, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 (<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 Commission's office. The Commission should be contacted only if there is evidence that appears to support an institution's significant non-compliance with a requirement or standard.

Departments/Programs

Athletics Program

Career Services

Child Development Center

Counseling Center

Museum

College of Business Administration

Accounting (Undergraduate and Graduate)

College of Business Administration (Undergraduate and Graduate)

College of Education

College of Education (Undergraduate and Graduate)

Counselor Education

School Psychology

College of Health and Human Sciences

Athletic Training

Coaching Education

Interior Design

Nursing (Undergraduate and Graduate)

Nutrition and Food Science (Dietetics Concentration)

Recreation

Jiann-Ping Hsu College of Public Health

Healthcare Administration (Master's)

Public Health (Graduate)

College of Liberal Arts and Social Sciences

Art (Undergraduate and Graduate)

Music (Undergraduate and Graduate)

Public Administration

Theatre

College of Engineering and Information Technology,

Allen E. Paulson

Civil Engineering Technology

Computer Sciences

Construction Management

Electrical Engineering Technology

Information Technology

Mechanical Engineering Technology

College of Science and Mathematics

Chemistry

Accrediting Organization

National Collegiate Athletic Association

Accreditation Council for Cooperative Education

National Association for the Education of Young Children

International Association of Counseling Services

American Association of Museums

Association to Advance Collegiate Schools of Business

Association to Advance Collegiate Schools of Business

National Council for Accreditation of Teacher Education

Georgia Professional Standards Commission (*Certification*)

Council for Accreditation of Counseling and Related Educational Programs

National Association of School Psychologists (*Approval Full/National Recognition*)

Commission on Accreditation of Athletic Training Education

National Council for Accreditation of Coaching Education Level 3

Council for Interior Design Accreditation

National Association of Schools of Art and Design

Commission on Collegiate Nursing Education

Georgia Board of Nursing (*approval to operate in the state of Georgia*)

Commission on Accreditation for Dietetics Education

National Recreation and Park Association/American Association for Leisure and Recreation Council on Accreditation

Council on Education for Public Health

Council on Education for Public Health

National Association of Schools of Art and Design

National Association of Schools of Music

National Association of Schools of Public Affairs and Administration

National Association of Schools of Theatre (Associate Membership)

Technology Accreditation Commission of the Accreditation Board for Engineering and Technology

Computing Accreditation Commission of the Accreditation Board for Engineering and Technology

American Council for Construction Education

Technology Accreditation Commission of the Accreditation Board for Engineering and Technology

Computing Accreditation Commission of the Accreditation Board for Engineering and Technology

Technology Accreditation Commission of the Accreditation Board for Engineering and Technology

American Chemical Society

General Information

University Mission

Georgia Southern University is a public, Carnegie Doctoral/Research university devoted to academic distinction in teaching, scholarship, and service. The University's hallmark is a culture of engagement that bridges theory with practice, extends the learning environment beyond the classroom, and promotes student growth and life success. Georgia Southern's nationally accredited academic programs in the liberal arts, sciences, and professional studies prepare a diverse and select undergraduate and graduate student population for leadership and service as world citizens. Faculty, staff, and students embrace core values expressed through integrity, civility, kindness, collaboration, and a commitment to lifelong learning, wellness, and social responsibility.

Central to the University's mission is the faculty's dedication to excellence in teaching and the development of a fertile learning environment exemplified by a free exchange of ideas, high academic expectations, and individual responsibility for academic achievement. Georgia Southern faculty are teacher-scholars whose primary responsibility is the creation of learning experiences of the highest quality, informed by scholarly practice, research, and creative activities. The University offers a student-centered environment enhanced by technology, transcultural experiences, private and public partnerships, and stewardship of a safe residential campus recognized for its natural beauty.

Georgia Southern University is committed to advancing the State of Georgia and the region through the benefits of higher education, offering baccalaureate through doctoral degrees and a variety of outreach programs. The University fosters access to its educational programs, provides a comprehensive and fulfilling university experience, and enhances quality of life in the region through collaborative relationships supporting education, health care and human services, cultural experiences, scientific and technological advancement, athletics, and regional development.

Office of Institutional Effectiveness

The mission of the Office of Institutional Effectiveness is (OIE) to support Georgia Southern University's pursuit of academic distinction in teaching, scholarship, and service in a student-centered environment by providing leadership for assessment, institutional effectiveness, planning, and accreditation activities to academic and administrative units. Guided by a dedication to a culture of systematic self-reflection, evidence-based decision-making, and improvement, the Office of Institutional Effectiveness ensures that academic, administrative, and support units engage in assessment practices that accurately and comprehensively reflect their primary functions. Additional information is available at OIE's website at <http://academics.georgiasouthern.edu/vpie/index.php>.

The University Strategic Plan Themes

Georgia Southern University's strategic vision is to be recognized as one of the best public doctoral-research universities in the country within the next 10 years. Our journey is guided by four essential strategic themes:

- Promote Academic Excellence**
- Enhance Student Success**
- Increase Research, Scholarship, and Creative Achievement**
- Maintain Fiscal Sustainability**

History of Georgia Southern University

On December 1, 1906, the newly appointed First District Board of Trustees convened in Savannah, Georgia. It was one of 11 such boards created for each congressional district by state legislation that year to build and oversee agricultural and mechanical schools for elementary and secondary students. The trustees were prepared to hear bids from local leaders who wanted the First District A&M School to be built in their communities and were willing to provide the funding to do so. Among the bidders were 50 representatives from Bulloch County who had journeyed from Statesboro on a train called the "College Special." Their bid of \$125,000 in cash and in-kind contributions, including a donation of 300 acres for a campus, won handily. Early in 1908, just outside Statesboro (on a site called "Collegeboro"), the First District A&M School opened its doors with 15 students, four faculty members, and three buildings.

By 1920, the First District A&M School had 150 students and was fielding teams in football and baseball; the "Aggies" typically won more than half their games in any given season. But by 1921, a combination of rapidly growing debt and drastically declining enrollments almost spelled the end of the fledgling school.

Hard work and commitment prevailed, however, and by 1924, not only were the school's finances and enrollments back on track, but the Georgia General Assembly upgraded the school to a two-year college for teacher training and retitled it the Georgia Normal School, one of three in the state. With this first change in the school's status, "Principal" Ernest V. Hollis became "President" Hollis, Georgia Southern University's first president. The following year, private donors funded the first scholarships for the campus.

In 1929, the General Assembly was persuaded that yet another major institutional promotion was due, and the Georgia Normal School became the South Georgia Teachers College via state legislation, converting the Statesboro campus from a two-year junior college to a four-year teachers college. The Aggies had receded, and the "Blue Tide" had rolled in, bringing programs not only in football and baseball, but also in basketball and track; basketball was played in a tobacco warehouse until the first gymnasium was built in 1931.

Also in that year, the long-supportive First District Board of Trustees, like all freestanding boards of college trustees in the

state, was dissolved by state legislation. Higher education in Georgia was reorganized into its present form, with all state colleges and universities reporting to a single Board of Regents. Now, the Regents, not the General Assembly, were responsible for determining any changes in mission for the college in Statesboro.

In 1939, South Georgia Teachers College became Georgia Teachers College by action of the Board of Regents. This new title represented less a change of status for the college and more a recognition by the Regents that the Statesboro campus was the statewide college for teacher education. Later, the “Blue Tide” receded, and “The Professors” became the official name of Georgia Teachers College’s intercollegiate teams.

When Eugene Talmadge was elected governor in 1940, he remembered, according to some observers, that the electoral district dominated by Georgia Teachers College had voted for his opponent. Within a year, the governor had initiated an effort to remove President Marvin Pittman on charges that included advocating “racial equality and teaching communism” (the latter conclusively disproved). President Pittman was fired, and as a direct result of his dismissal, all state-supported institutions of higher education in Georgia saw their regional academic accreditation withdrawn by what is now the Southern Association of Colleges and Schools. In 1942, a new governor was elected, and the Board of Regents was reorganized; a year later, Georgia Teachers College and the University System of Georgia were reaccredited, and Dr. Pittman was reinstated by the Board as president of Georgia Teachers College.

This incident, which received international media coverage at the time, was a formative and symbolic experience in the history of Georgia Southern University and a measure of its resilience in the defense of academic and institutional integrity, qualities that remain today.

In 1957, the college in Statesboro was authorized by the Board of Regents to offer its first graduate degree, a Master of Education. In some ways, that benchmark was the beginning of the ultimate evolution from a college to a university.

Only two years later, Georgia Teachers College was upgraded by the Board of Regents to Georgia Southern College, a recognition by Georgia’s policymakers that the College was now a comprehensive institution with responsibilities well beyond the specialized mission of educating teachers. In 1960, the “Professors” was retired as the name of Georgia Southern’s intercollegiate teams, and by student vote, the “Eagles” was hatched.

The first fraternities and sororities were chartered on the campus in 1967 and 1968. The first three Schools, Arts and Sciences, Education, and Graduate Studies, were established in 1968, followed by the School of Business in 1971, and the School of Health, Physical Education, Recreation and Nursing and the School of Technology in 1980. These schools were organized as the College of Liberal Arts and Social Sciences (in 1994), Education, Graduate Studies, Business Administration, Health and Human Sciences, and the Allen E. Paulson College of Science and Technology (in 1994). In 2003, the College of Information Technology was established, and in 2005, the Jiann-Ping Hsu College of Public Health became the University’s eighth college. In order to accurately reflect the addition of an engineering college, in 2012, the College of Science and

Technology was renamed the College of Science and Mathematics, and the College of Information Technology became the Allen E. Paulson College of Engineering and Information Technology. In 1981, football was reintroduced to Georgia Southern after a hiatus of almost 40 years, inaugurating a new winning tradition of Division I intercollegiate sports.

Beginning in the early 1970s, a resurgent effort to acquire university status for the Statesboro campus emerged, culminating in 1989 with the Board of Regents’ vote to promote Georgia Southern College to Georgia Southern University. When university status became effective on July 1, 1990, Georgia Southern received its sixth and final name. Georgia Southern University became the first new university in Georgia in 21 years and the third largest university in the state. In 1992, the Regents authorized Georgia Southern University to initiate its first doctoral program, the Doctorate of Education, which was the first doctorate to be offered by an institution located in South Georgia. In 2006, the Carnegie Foundation for the Advancement of Teaching classified Georgia Southern University as a doctoral/research institution.

Administrative Structure

BROOKS A. KEEL, B.S., Ph.D.

President

SALINDA ARTHUR, B.A., M.S.

Vice President for University Advancement

JEAN BARTELS, B.S.N., M.S.N., Ph.D.

Provost and Vice President for Academic Affairs

STEVEN BURRELL, B.S., M.Ed.

Vice President for Information Technology and Chief Information Officer

RUSSELL KEEN, B.B.A.

Vice President for Government Relations and Community Engagement

CHARLES E. PATTERSON, B.S., Ph.D.

Vice President for Research and Economic Development and Dean, Jack N. Averitt College of Graduate Studies

TERESA THOMPSON, B.S., M.S., Ph.D.

Vice President for Student Affairs and Enrollment Management

ROBERT WHITAKER, B.B.A., M.B.A.

Vice President for Business and Finance

MARTHA L. ABELL, B.S., M.S., Ph.D.

Interim Dean, College of Science and Mathematics

MOHAMMAD DAVOUD, B.S., M.S., Ph.D.

Founding Dean, Allen E. Paulson College of Engineering and Information Technology

GREG EVANS, B.A., M.S., Ph.D.

Dean, Jiann-Ping Hsu College of Public Health

PATRICE BUCKNER JACKSON, B.S., M.A.

Dean of Students

BARRY JOYNER, B.S., M.Ed., Ph.D.

Interim Dean, College of Health and Human Sciences

THOMAS R. KOBALLA, JR., B.S., M.A.Ed., Ph.D.

Dean, College of Education

W. BEDE MITCHELL, B.A., M.L.S., Ed.D.

Dean of the Library and University Librarian

BARBARA PRICE, B.S., M.S., Ph.D.

Interim Associate Vice President for Continuing Education and Professor Emerita of Quantitative Analysis

CURTIS EUGENE RICKER, B.A., M.A., D.A.

Interim Dean, College of Liberal Arts and Social Sciences

WILLIAM H. WELLS, B.A., Ph.D.
Interim Dean, College of Business Administration

College Structure

The academic credit programs of the University are administered by eight colleges: the College of Liberal Arts and Social Sciences, the College of Business Administration, the College of Education, the College of Health and Human Sciences, the Allen E. Paulson College of Engineering and Information Technology, 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 each department. The following organizational structure provides for the degrees, fields of study, and courses set out in this catalog.

- I. College of Business Administration
 - Dr. William H. Wells, Interim Dean
 - School of Accountancy
 - Dr. Timothy Pearson, Director
 - Department of Finance and Economics
 - Dr. Rand W. Ressler, Chair
 - Department of Information Systems
 - Dr. Tom L. Case, Chair
 - Department of Management
 - Dr. Gerard Burke, Chair
 - Department of Marketing and Logistics
 - Dr. C. David Shepherd, Interim Chair
- II. College of Education
 - Thomas R. Koballa, Jr., Dean
 - Department of Curriculum, Foundations, and Reading
 - Dr. Kent Rittschof, Interim Chair
 - Department of Leadership, Technology, and Human Development
 - Dr. Beth Durodoye, Chair
 - Department of Teaching and Learning
 - Dr. Ronnie Sheppard, Chair
- III. Allen E. Paulson College of Engineering and Information Technology
 - Dr. Mohammad Davoud, Dean
 - Department of Civil Engineering and Construction Management
 - Dr. N. Michael Jackson, Chair
 - Department of Electrical Engineering
 - Dr. Frank B. Gross, Chair
 - Department of Mechanical Engineering
 - Dr. Brian Vlcek, Chair
 - Department of Computer Sciences
 - Dr. Muralidhar Medidi, Chair
 - Department of Information Technology
 - Dr. J. Arthur Gowan, Chair
- IV. College of Health and Human Sciences
 - Dr. Barry Joyner, Interim Dean
 - School of Human Ecology
 - Dr. Cynthia Elaine Johnson, Chair
 - Department of Health and Kinesiology
 - Dr. James McMillan, Interim Chair
 - School of Nursing
 - Dr. Sharon Radzysinski, Chair
- V. College of Liberal Arts and Social Sciences
 - Dr. Curtis Eugene Ricker, Interim Dean
 - Betty Foy Sanders Department of Art

- Dr. Hans Mortensen, Interim Chair
- Department of Communication Arts
 - Dr. Pamela Bourland-Davis, Chair
- Department of Criminal Justice and Criminology
 - Dr. Adam Bossler, Interim Chair
- Department of Foreign Languages
 - Dr. Eric J. Kartchner, Chair
- Department of History
 - Dr. Johnathan O'Neill, Chair
- Department of Literature and Philosophy
 - Dr. David Dudley, Chair
- Department of Music
 - Dr. Linda Cionitti, Interim Chair
- Department of Political Science
 - Dr. Barry Balleck, Interim Chair
- Department of Psychology
 - Dr. Michael Nielson, Chair
- Department of Sociology and Anthropology
 - Dr. Peggy G. Hargis, Chair
- Department of Writing and Linguistics
 - Dr. Dan Bauer, Chair
- Institute for Public and Nonprofit Studies
 - Dr. Trent Davis, Interim Director
- VI. Jiann-Ping Hsu College of Public Health
 - Dr. Greg Evans, Dean
 - Department of Biostatistics
 - Dr. Robert Vogel, Interim Chair
 - Department of Community Health Behavior and Education
 - Dr. Juan John Luque, Interim Chair
 - Department of Environmental Health Sciences
 - Dr. Brian Bossak, Interim Chair
 - Department of Epidemiology
 - Dr. Claire Robb, Interim Chair
 - Department of Health Policy and Management
 - Dr. Greg Evans, Acting Chair
- VII. College of Science and Mathematics
 - Dr. Martha L. Abell, Interim Dean
 - Department of Biology
 - Dr. Stephen P. Vives, Chair
 - Department of Chemistry
 - Dr. John C. DiCesare, Chair
 - Department of Geology and Geography
 - Dr. Jeffery Underwood, Chair
 - Department of Mathematical Sciences
 - Sharon E. Taylor, Interim Chair
 - Department of Military Science
 - LTC Gary Morea, Chair
 - Department of Physics
 - Dr. Clayton Heller, Chair
 - Institute for Coastal Plain Science
 - Dr. Karin Scarpinato, Interim Director
- VIII. Jack N. Averitt College of Graduate Studies
 - Dr. Charles E. Patterson, Dean

Academic Services

In addition to the Colleges, several other departments or agencies within Georgia Southern University enhance the academic life of the University.

Advisement

Philosophy

Georgia Southern University accepts the premise that ultimately a student's program is his or her own responsibility. Any system of

advisement must reflect students' freedom of choice and their right to make their own decisions. It is required that students see their advisors prior to registration each semester to have their classes approved and to receive their Registration Access Number (RAN). More important and separate from having registration needs, students should meet with their advisors to plan programs carefully and ensure that all General Education requirements are being met.

It is the institution's responsibility, to provide guidance, information, and assistance to the student whenever possible and to see that advisors have accurate information, that they are concerned about the students, and that they are accessible to the students on a reasonable basis. It is the institution's responsibility also to give the necessary support to those faculty members who choose advisement as an area of teaching and service, recognizing that effective advisement is appropriately included in merit considerations.

Georgia Southern University practices the philosophy that faculty members should be involved in student advisement whenever possible since they provide a necessary academic orientation and mentorship to the process. It is important that the students have as much direct contact with faculty as possible, and advisement is a particularly individualized avenue of communication.

Definition of the Role of Advisors

Advisors should fill three roles: They should serve as a resource, providing information about university programs and institutional requirements to assist students in developing the most coherent plan for their college years. Second, they should serve as a link between students and the university community, referring them to areas of assistance and familiarizing them with the resources provided by the institution to meet their needs and goals. Finally, advisors should assist students in understanding the nature and purpose of higher education and help them develop self-direction in decision making.

Responsibility for Advisement

Advisement for students who are in their freshman and sophomore years is generally provided by a combination of professional advisors and professors in advisement centers. Juniors and seniors are normally advised by faculty members in their major areas - except in the College of Business Administration, and the College of Education. Majors in International Studies and International Trade are advised in the Center for International Studies. Students in the on-campus Bachelor of General Studies program are advised in the College of Liberal Arts and Social Sciences advisement center. All online General Studies students are advised by the Online General Studies program personnel. Advisement for students with less than 45 hours who have not declared a major is provided through the First-Year Experience Program (located on the ground floor of the Williams Center). Transient, post-baccalaureate, and non-degree students are advised through the Registrar's office.

Consisting of key personnel from across campus, the Academic Advisement Council meets on a monthly basis and serves to coordinate advisement, enrollment, and General Education activities at Georgia Southern. The Council is chaired by the Associate Provost for Academic Affairs.

General Education Outcomes

<http://academics.georgiasouthern.edu/provost/pdf/GeneralEducationOutcomes.pdf>

Board of Regents Policy

http://www.usg.edu/policymanual/section3/policy/3.9_academic_advisement/

Council for the Advancement of Standards in Higher Education

<http://www.cas.edu>

National Academic Advising Association (NACADA)

<http://www.nacada.ksu.edu/>

Division of Continuing Education (CE)

The mission of the Division of Continuing Education (CE) is to provide innovative credit and non-credit programs that facilitate degree completion, improve the skills of the region's workforce, enhance societal and cultural understanding, encourage healthy lifestyles and constructive use of leisure time, and enhance the quality of life of the region's citizens by providing personal development and cultural enrichment opportunities.

CE is comprised of the following units:

- Continuing Education
- Center for Online Learning
- Nessmith-Lane Conference Center
- Military Resource Center
- Coastal Georgia Center (Savannah, GA)

For more information about the Division, see <http://ceps.georgiasouthern.edu/conted/>.

Continuing Education

Continuing Education works closely with the region, community and each college in the University to provide credit and non-credit programs, seminars, conferences, workshops, and symposia designed for professionals seeking to enhance their personal, professional, and leadership skills. The unit also works with businesses, non-profit organizations, institutions, and government agencies to address the workforce and economic development needs of southeast Georgia.

Program development services provided by Continuing Education include needs assessment, program planning, program administration and coordination, fiscal management, marketing, and program evaluation. The unit also assists with in-house contract training programs for businesses, industries, non-profit organizations, and other agencies.

All Continuing Education programs and activities are offered in accordance with the programmatic and fiscal requirements of the Commission on Colleges, Southern Association of Colleges and Schools, and the University System of Georgia. Continuing Education maintains all records pertaining to the University's non-credit programs of instruction, including records of the Continuing Education Units (CEUs) earned by participants. For more information about Continuing Education, see <http://ceps.georgiasouthern.edu/conted/>.

Nessmith-Lane Conference Center

The Nessmith-Lane Conference Center provides a leading-edge environment for lifelong learning and cultural enrichment. It is designed to provide training and development programs for adults, host conferences, and offer distance education. The facility includes an 850 seat Performing Arts Center, a 600 seat multipurpose room, a 350 seat auditorium, a number of meeting and classrooms, offices, and a full-service catering facility. A full range of meeting planning and conference services is also available.

Military Resource Center (Nessmith-Lane Conference Center)

Georgia Southern is one of the nation's best comprehensive universities and proudly continues its student-centered heritage. Adhering to our principles of respect and encouragement, Georgia Southern's staff, faculty, and students strive to ensure the academic and personal success of our military students and veterans, along with our students who are military family members. Through advisement, peer mentoring, career counseling and administrative services, members of our military community will experience individually-tailored support of the highest quality whether as a resident or online student.

Visit our website at <http://www.georgiasouthern.edu/militaryresourcecenter/>.

Coastal Georgia Center

The Coastal Georgia Center is a University System of Georgia facility operated by Georgia Southern University in partnership with Armstrong Atlantic State University and Savannah State University. A host site for meetings, conferences, workshops, graduates courses, and more, this 40,000 square foot facility is located in Historic Downtown Savannah. Conveniences include free parking, auditorium seating for over 350, catering services, and state-of-the-art technology that includes wireless Internet access, laptop computers, computer labs, distance learning, video-conferencing, and on-site technical assistance. The mission of the Center is "to provide Savannah and surrounding communities with a premier, technology advanced meeting facility for business professionals and students located in southeast Georgia; and to promote lifelong educational and economic development opportunities through continuing education, professional development, and graduate courses." For more information about the Coastal Georgia Center, call (912) 651-2005, or see <http://cgc.georgiasouthern.edu>.

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 undergraduate and graduate internships as well as

continuing education programs and programs of interest to the Garden's public programs. For most programs, there is no admission charge. The Garden's gates are open 9:30 a.m. to 7 p.m. Monday through Friday. Bland Cottage, Heritage Pavilion, and the Weather Vane Barn are open Monday through Friday, 9:30 a.m. to 5:30 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 <http://welcome.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. The museum's outreach programs, Project SENSE and BESST, train teachers to teach hands-on science and social studies and deliver kits to hundreds of teachers across south Georgia. 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. Inquiries may be directed to the museum at (912) 478-5444. Visit the website at <http://ceps.georgiasouthern.edu/museum>.

• The Center for Wildlife Education and The Lamar Q Ball, Jr. Raptor Center

Since its opening in 1990, the Center for Wildlife Education 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 the school children and citizens of the region. This nature 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 lecture hall and gift shop. Built through private donations, the \$3 million Center is supported operationally through private and public partnerships. Recently opened is the 12 acre Wetland Preserves focusing on ornithology and water resource conservation. Inquiries may be directed to the Center at (912) 478-0831. Visit the website at <http://welcome.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 825 seat theatre and state-of-the-art performance equipment. Programming is planned for diverse audiences from the campus and community and reflects the Center's mission: "to foster quality performing art and educational opportunities, encourage artistic expression, and establish lasting relationships between our community and all the arts." Inquiries may be directed to the Box Office at (912) 478-7999 or to the Center's director at (912) 478-0830. Visit the website at <http://ceps.georgiasouthern.edu/pac>.

University Advancement

The Division of University Advancement strives to build relationships with the external constituencies of Georgia Southern University in order to support the University in its position as a nationally distinguished public institution of higher learning. Private funding and the support of alumni, parents, friends, businesses, corporations and foundations provide critical resources not available from other sources. Telling the Georgia Southern story through a comprehensive marketing and communications program advances the understanding of and engaged participation in Georgia Southern's Strategic Plan.

The Office of Development directs its efforts toward identifying, cultivating, securing and stewarding gifts for the University's programs. Fundraising efforts include the Phonathon, the annual campus and community campaign—A Day for Southern, major gift solicitations from alumni, parents, friends, corporations and foundations, and planned giving. The Office of Development is also the liaison for the Georgia Southern University Foundation, a separate 501(c)3 organization established in 1962, which raises private funding in an effort to meet certain educational and institutional needs at Georgia Southern University not addressed by state allocations.

The Office of Marketing and Communications is responsible for services that enhance the University's image, brand-building and awareness, media and public relations, and potential for recruiting and fundraising. The office encompasses the University's primary communications services: media relations and news services, design and production of all major institutional publications, photo and video production, advertising, the institutional logo and identity program, and oversight of the University web site. The office works closely with other departments, including athletics media relations and marketing, to ensure consistency in the standards and quality of external communications.

Henderson Library

The Zach S. Henderson Library is a major academic resource for the campus, with its extensive collections of academic books and journals, government publications, special book and manuscript collections, and links to networked information resources in various electronic formats.

The Henderson Library is centrally located on campus in a four-story building constructed in 1975 and renovated in 2008. The Library offers one of the most extensive operating schedule of any academic library in the state of Georgia. During the fall and spring academic terms, the Library is open for 143 of the 168 hours in each week to provide access to the Library's electronic resources, book and periodical collections, reserve reading collections, individual and collaborative study areas, and 400+ computers including laptops and iPads.

As of July 2012, the Library's collections contained 631,881 bound volumes; 896,453 microform units; and 766,925 government documents. The Library maintains subscriptions to 1,773 serial and periodicals titles, and 40,915 electronic journals. In addition to the extensive collections in paper and microform, the Library has a large set of information materials in electronic format, including full-text copies of articles from thousands of academic periodicals and newspapers. These electronic resources are accessible from any Internet-connected computer.

The Library network also provides access to many standard software applications in the areas of word processing, spreadsheets, database management, programming languages, and graphical design. Other programs, more directly related to specific curriculum-based needs for designated courses, are also available via the network.

In fall 2012, the Library began offering the Discover search tool that provides a single search box for simultaneously searching the Library's catalog and many databases. Searches begin with materials available in Henderson Library, but they can be expanded beyond the Library's collections for more comprehensive results. It has been referred to as a Google search for research materials. Access to the Library's catalog is available using a separate search box, and it is part of a combined catalog for the University System of Georgia, making an additional three million book titles and thousands of academic journals available within four days of a request. The Library is a full participant in the GALILEO project, Georgia's statewide library sponsored by the University System of Georgia, providing more than 200 major databases and thousands of academic journals in full-text format, as well as rapid interlibrary loans across the state. Computer stations in the Library that access GALILEO also have access to other library catalogs and databases located throughout the world.

The Henderson Library's administration actively seeks comments and suggestions concerning any aspect of its operations and collections. The Dean of the Library is available to meet with any member of the academic community to discuss the resources of the Library or its connections to other information networks and services throughout the world.

Institute of Arthropodology and Parasitology

The James H. Oliver, Jr. Institute of Arthropodology and Parasitology (IAP) coordinates an area of interdepartmental research among the units of the College of Science and Mathematics', Biology, Geology and Geography departments and the Jiann-Ping Hsu College of Public Health. It includes faculty, post-doctoral students, graduate and undergraduate students, technicians and adjunct professors. In August 1990, the U.S. National Tick Collection, along with its Curator, was moved from the Smithsonian Institution in Washington, D.C. and is now part of Georgia Southern University. The Collection is housed in the IAP Building. This addition to the Institute has made it one of the foremost centers for tick research in the world. Independent research group seminars and lectures arranged and conducted by the group emphasize transmission of microbes by arthropods, and development, physiology, genetics, cytogenetics, reproductive biology, population biology and bionomics of selected arthropods, nematodes, trematodes, and cestodes of regional and international importance. Laboratory and field research is conducted by Institute members. For information contact Dr. Stephen P. Vives at (912) 478-5487.

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 Southern 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, 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, golf, women's soccer, softball, women's tennis, outdoor track and volleyball. Georgia Southern University joined the Southern Conference in 1992 after previously being a member of the Trans America Athletic Conference and has claimed 50 league titles in 11 sports.

Spring 2013 the University announced a move to the Football Bowl Subdivision (FBS) and membership in the Sun Belt Conference. The Eagles will leave the Southern Conference and join the Sun Belt in the 2014-15 season. Georgia Southern will also welcome its newest sport as a part of this move. The 16th sport on campus will be Womens' Rifle and competition begins in the fall.

Postal Services

The Campus Postal Service is a university owned and operated facility located in the Landrum Center. This facility provides mail pick up, delivery, posting and boxing, and window services for faculty, staff and students.

All student mailboxes are located in the Landrum Center. 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 <http://services.georgiasouthern.edu/postoffice/store/> to purchase your box. After purchasing a box, you will be assigned a box for the current year. Your 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". You will find both your P.O. Box number and the combination on this page as well as instructions on how to open the box.

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 Postal Services at (912) 478-6245.

Student Disability Resource Center

Georgia Southern University is committed to providing an equal educational opportunity to qualified students with disabilities. The Student Disability Resource Center (SDRC) is the primary source of services for these students. Students with an array of disabilities are eligible for services; however, documentation standards exist for all conditions, including Specific Learning Disabilities and Attention-Deficit /Hyperactivity Disorder.

Students initiate services by completing the Voluntary Declaration of Disability (VDD) form located at <http://studentsupport.georgiasouthern.edu/sdrc/>. The VDD is returned to the SDRC along with documentation of the disability.

Academic accommodations are determined on a case-by-case basis using USG documentation guidelines found at http://www.usg.edu/academic_affairs_handbook/section3/C793/#appendix_e_specific_documentation_guidelines

Examples of academic accommodations include but are not limited to extra testing time, early registration and note taking assistance.

The SDRC is located in Cone Hall on the second floor. Please call (912) 478-1566 or TDD at (912) 225-9877.

Regents Center for Learning Disorders (RCLD)

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 twelve 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 disability service provider for a comprehensive assessment, feedback on appropriate academic accommodations, and recommendations for optimal educational achievement. Disability service providers may consult with the Center regarding disability documentation and assessments performed by other professionals. Georgia Southern University students should first contact the Student Disability Resource Center (912) 478-1566, while students at other institutions should contact their own office for disability services for a referral to the RCLD. The RCLD collaborates with other institutions on statewide policy development, provides programs and services for disability service providers 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 <http://services.georgiasouthern.edu/rclid/>.

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.

Housed in the Center for Art & Theatre, the Department's contemporary art galleries feature both solo and group exhibitions of modern artworks by world-renowned artists working in a range of media from traditional paintings to multi-media installations, as well as exhibitions highlighting outstanding student work created by Georgia Southern art and design students.

In addition, two permanent collections are featured in the Center for Art & Theatre. The Betty Foy Sanders Georgia Artists Collection is a permanent exhibition of artwork curated by Betty Foy Sanders since 1968. Art found in the Georgia Artists Collection is either by Georgia artists, created with materials found in Georgia or themed around the state itself. Also on permanent display, the Smith Callaway Banks Southern Folk Art Collection showcases an unprecedented collection of folk art of varying genres and media from the southeastern United States. This collection was donated 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.

All galleries and collections are open Monday through Friday, 8 a.m. to 5 p.m.; nights and weekends by appointment. Exhibits are free to the public. Guided tours are available through the Betty Foy Sanders Department of Art, (912) GSU-ARTS.

Music Program

Each academic year, the Department of Music presents more than 150 public concerts including performances in the Faculty and Guest Artist Recital Series, concerts by large and small ensembles, and student recitals. Most performances take place in the beautiful, acoustically stunning 287-seat Carol A. Carter Recital Hall in the Foy Building. The Department's performing ensembles include the Georgia Southern Symphony, Georgia Southern Chorale, University Singers, Symphonic Wind Ensemble, Wind Symphony, Georgia Southern Opera, Jazz Band, Southern Pride Marching Band, University Band, and chamber ensembles such as the Percussion Ensemble, Clarinet Quartet, Southern Saxophones, Jazz Combo, Brass Quintet, Magnolia String Quartet, Mellow-Cello-Fellowship, and GSU String Camerata. 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 departmental office (912) 478-5396 or the Department of Music web page at <http://class.georgiasouthern.edu/music/>.

Office of Research Services and Sponsored Programs

The Office of Research Services and Sponsored Programs (ORSSP) supports faculty and staff in the acquisition, performance and administration of projects and programs funded from sources outside the University. The ORSSP is the central point of coordination for grants, and contractual obligations from individuals, government agencies, public agencies, industrial organizations, financial organizations, and private organizations to support sponsored research and service activities at Georgia Southern University. ORSSP is a full-service office, providing the following faculty support: 1) Pre-award services - identification and dissemination of funding opportunities; proposal editing services; project budget development; assistance with sponsor forms and submission requirements; routing of proposals for institutional approval; and contract and award negotiation. 2) Post-award management services - award acceptance on behalf of the institution; assistance to faculty in

managing project budgets; submission of formal requests for award modification and extension; and project close-out.

In addition, the ORSSP 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), the Institutional Biosafety Committee (IBC), and the Intellectual Property Committee (IPC). The ORSSP also administers the university processes for reviewing financial conflict of interest and scientific or scholarly misconduct in science allegations.

The ORSSP is also the point of contact for faculty seeking internal support for research and scholarly activities. The office provides support to the Faculty Research Committee, which awards competitive internal research awards on an annual basis and selects recipients of the Faculty Excellence in Research awards.

The Georgia Southern University Research and Service Foundation (GSURSF) works closely with the ORSSP in performance of sponsored programs. The GSURSF is a nonprofit organization that assists, supports, and furthers the research, service, and educational missions of Georgia Southern University. The Foundation functions as a cooperative organization to the University and secures grants and contractual obligations from individuals, government and public agencies, industry sponsors and private organizations to support sponsored research and service activities at Georgia Southern University. The GSURSF subcontracts the performance of sponsored research projects and service delivery programs to the University, providing the various colleges and departments with the financial means needed to complete the research projects and operate various external educational service programs.

If you have any questions, call the Office of Research Services and Sponsored Programs at (912) 478-5465.

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
- Reference library on writing theory and writing instruction
- Online assistance and conference appointments

- Networked computer lab

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 is located in room 1119 in the Forest Drive Building. One hour and half hour conferences are available from Monday through Thursday, 10:00 a.m. - 6:00 p.m., and Friday, 10:00 a.m. - 3:00 p.m. Appointments can be made on a walk-in basis or online at <http://georgiasouthern.mywconline.com>. For more information about the Writing Center, please call (912) 478-1413, visit the Web site at <http://class.georgiasouthern.edu/writingcenter/> or contact the Director, Dr. Michael Pemberton, at michaelp@georgiasouthern.edu.

Academic Success Center (ASC)

The Academic Success Center, a full-service learning center, offers support services to students ranging from first semester freshmen seeking to establish a firm foundation for their academic careers to honors and graduate students involved in more advanced scholarship.

Among the programs offered by the Academic Success Center are short courses and workshops in time management, study skills, mathematics, writing, reading, and standardized test preparation; One-on-one consultations with educational specialists; Study Group Facilitation; Mentor Programs to assist non-traditional students become acclimated to the university experience; Virtual Resources/Electronic Community Building including computer-aided instruction, e-mail groups, online learning resources. For more information about the ASC, call (912) 478-5371 or check the Center's web page at <http://studentsupport.georgiasouthern.edu/asc/>.

Tutoring Center

As a component of the Academic Success Center, the Tutoring Center's mission is to provide a supportive learning environment for Georgia Southern students by offering free tutoring in mathematics, statistics, biology, chemistry, literature, writing across the curriculum, American government, and history.

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 web at <http://studentsupport.georgiasouthern.edu/asc/tutoring/> or call (912) 478-5371.

Testing Office

Another component of the Academic Success Center is the Testing Office. The Testing Office provides services to students as well as segments of the surrounding community. Such examinations as the ACT, COMPASS, CLEP Exams, DSST Exams, Engineering Certification Exam, Graduate Record Exam – Subject Test (GRE-Subject), Institutional SAT and ACT (On-Campus SAT/ACT-Residual), Law School Admission Test (LSAT), Legislative Exemption Exams, Miller Analogies Test (MAT), SAT, TOEFL Exam, and placement tests are administered through this office. The Testing Office also assists

students by providing a center for Independent Testing for Correspondence Courses or Distance Learning Exams taken at other institutions and exams administered by computer through Castle Worldwide, ISO Quality, or Kryterion. Persons interested in further information concerning dates, times, cost, eligibility and sign-up procedures should contact the Testing Office at (912) 478-5415, come by Cone Hall Room 2031 in the Academic Success Center, check the web page at <http://studentsupport.georgiasouthern.edu/asc/testing>, or email at testing@georgiasouthern.edu.

Directory Information

Directory information which consists of first and last name, campus post office box, telephone number, date and place of birth, major, participation in activities, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent educational institution attended is considered public information and will be released to those requesting such information, unless the student has specifically requested that information in this category be restricted. Any student may present a written request to the Registrar that such information not be released. However, requests that directory information be withheld from a written publication must be received in sufficient time to prevent a delay in processing that publication.

As a matter of policy, the University does not release to outside agencies lists of students categorized by national origin or by membership in clubs and organizations. Other requests by category will be reviewed on an individual basis. Requests will be honored when the identified purpose of the outside agency has an obvious relationship to the category of student requested and when such categorization can be easily retrieved.

Annual Notice of Privacy Rights

This institution is covered by the Family Educational Rights and Privacy Act of 1974 (FERPA) 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;
2. the right to challenge the content of records on the grounds that they are inaccurate, misleading or a violation of privacy or other rights; and
3. the right to control disclosures from the education records with certain exceptions.

Undergraduate Admissions

The University accepts applications from qualified applicants from all cultural, racial, 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 statement inside the front cover.)

Applications for admission may be submitted online at <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 Director of Admissions may refer any applicant to the Academic Standards Committee of the University for study and advice. 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 the intended term of entry must meet admissions requirements for the new term.

Immunization Requirements

Please refer to the Health Services section of the catalog.

Beginning Freshmen

Requirements for Summer 2013, Fall 2013, Spring 2014

Students who graduate from high school in 2012 or later must present credits for seventeen (17) specified units. Students who graduated earlier than 2012 must present credit for sixteen (16) specified units. The 17 (16 for students who graduated in 2011 or earlier) specified USG units are:

- Mathematics: Four (4) units of Mathematics, including Algebra I, Algebra II, and Geometry. For students who graduate from a Georgia public school in 2012 or later, the 4 units of Mathematics must include a course at the level of Math 3 or higher.
- English: Four (4) units of English which have as their emphasis grammar and usage, literature (American, English, World), and advanced composition skills.

- Science: Students who graduate in 2012 or later must have four (4) units of science. Three (3) units of science are required for those who graduated in 2011 or earlier. Students need at least one laboratory course from the life sciences and one laboratory course from the physical sciences. Georgia public high school graduates must have at least one (1) unit of biology, one (1) unit of physical science or physics, and one (1) unit of chemistry, earth systems, environmental science, or an advanced placement science course.
- Social Science: Three (3) units of social science, with at least one (1) course focusing on United States studies and one (1) course focusing on world studies.
- Foreign Language: Two (2) units in the same foreign language emphasizing speaking, listening, reading, and writing. Two (2) units of American Sign Language may be used to satisfy this requirement.
- *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 college preparatory subjects in high school which should include the following units:
 - 4 English
 - 3 Social Studies
 - 4 Mathematics (courses should include Algebra I, Algebra II, Geometry and Trigonometry or other higher math)
 - 2 Foreign Language (must be the same language)
 - 4 Science (2 with Labs); (3 if student graduated on or prior to 2011)
 3. Submission of satisfactory scores on the College Entrance Examination Board Scholastic Aptitude Test (SAT) - minimum 1010 SAT total (Math + Critical Reading) and a writing score - or American College Test (ACT) with a 21 composite and a writing score;
 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 the Eagle Incentive Program, a program during the summer for students provisionally accepted for fall admission to demonstrate their ability to succeed at college-level work. Students who pass all courses and earn a "C" or better GPA can enroll regularly for Fall 2013. For eligibility requirements please refer to <http://admissions.georgiasouthern.edu/programs/eagle-incentive-program/>.

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. Satisfactory SAT or ACT scores should be requested from the testing agency.

An individual seeking admission as a special student not pursuing a degree program must submit a statement as to the type of studies to be pursued and the reason for selecting a special program. The individual must also submit documents and

satisfactory scores on such ability or achievement tests as may be prescribed by the Director of Admissions.

*Requirements are subject to change. Please contact the Office of Admissions at (912) 478-5391 or at <http://admissions.georgiasouthern.edu/> for current admission requirements.

Please note: Students applying to the Georgia Southern nursing program must meet general admissions requirements, as well as meet specific nursing program requirements. An additional application to the nursing program is required. Admission to Georgia Southern University does not guarantee acceptance into the nursing program.

(GED holders - See Mature Student criteria)

College Preparatory Curriculum (CPC)

Requirements for Summer 2013, Fall 2013, Spring 2014

The following high school courses are required of students who plan to enroll in regular college programs leading to the baccalaureate degree in institutions of the University System of Georgia: four units of English (including grammar and usage, American and World literature, and advanced composition skills), four units of science (including at least one lab course from the life sciences and one lab course from the physical sciences), four units of mathematics (Algebra I, Algebra II, Geometry and Trigonometry or higher), three units of social science (including one course focusing on United States studies, one course focusing on world studies, and a third college prep social science course), and two units of the same foreign language (skills-building courses emphasizing speaking, listening, reading, and writing). The Board of Regents provides a listing of specific qualifying college preparatory and academic courses in the Academic Affairs Handbook, Section 3.01.01. It is available on-line at [USG Academic Affairs Handbook](#).

Additional courses selected from the following areas are also strongly recommended: trigonometry, a third course in foreign language or study of a second foreign language, fine arts (art, dance, drama, music), computer technology, health and physical education.

Students who have completed the required courses of the college preparatory curriculum and who meet all other admission requirements will be considered for admission to Georgia Southern University as regularly admitted students.

Accel Program/Joint Enrollment/Move on When Ready (MOWR)

Students who are receiving dual credit for high school courses and college degree-level courses from an eligible public or private college in Georgia will be eligible for the Accel Program. Public or private HOPE-eligible high schools are eligible to participate in this program. High school students can participate in the Accel program for up to 4 semesters. Students are eligible for the program as long as they are classified as a Georgia resident for purposes of in-state tuition, according to the Board of

Regents policy, for at least 12 consecutive months immediately preceding the first day of classes of the school term for which Accel Program payment is sought. Eligible high school courses include only core-curriculum courses of English Language Arts, Mathematics, Social Studies, Science, and Foreign Language that can be used to satisfy the core-curriculum high school graduation requirements. Hours paid for by the Accel Program will not be counted towards the 127 semester HOPE credit hour cap. The Accel Program award for public colleges and universities will cover tuition, a portion of the HOPE-approved mandatory fees (which are capped at FY 2004 levels), and a book allowance up to \$150.00.

Students must apply by submitting an application for admission to Georgia Southern (no application fee required), high school transcript, SAT or ACT scores and an online Accel Program Application. 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 degree-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 Guidance Office 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.

Effective Fall 2009, homeschooled students who meet the University System of Georgia and Georgia Southern University admission requirements may also be eligible to participate in the joint enrollment program. Homeschooled students are not eligible for Accel funds.

Accel is a state-funded program for public and private high school students that provides dual enrollment tuition assistance in Georgia. The program offers the opportunity to earn dual credit, satisfying high school and college core curriculum requirements. Joint Enrollment is not a state-funded program and does not guarantee satisfaction of the high school core curriculum.

Admission Requirements for Accel or Joint Enrollment

Eligible students may apply to enroll for college credit while attending high school. To be admitted, the student must satisfy the following:

1. Have earned 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 1010 (Math + Critical Reading only) or 21 Composite ACT and a writing score;
3. (In addition to the Admissions Application) Must submit the online Accel Program Application on the GaCollege411 website;

Meet all other regular (non-provisional) admissions requirements. Students who are dual-enrolled during high school with a college or university other than Georgia Southern University must meet the University System of Georgia's joint enrollment requirements before credit will be awarded in transfer to Georgia Southern.

*Admission requirements are subject to change.

Move on When Ready (MOWR)

Students who are entering 11th or 12th grade and who have spent the prior year (2 consecutive semesters) in attendance at a Georgia public high school are eligible for the Move on When Ready Program. Public HOPE-eligible high schools are eligible to participate in this program. Private school and homeschooled students are not eligible for Move on When Ready. A high school student must be classified as an 11th or 12th grader to participate and be classified as a Georgia Resident for purposes of in-state tuition, according to the Board of Regents policy, for at least 12 consecutive months immediately preceding the first day of classes of the school term for which Move on When Ready payment is sought.

Eligible high school courses include only core-curriculum courses of English Language Arts, Mathematics, Social Studies, Science, and Foreign Language that can be used to satisfy the core-curriculum high school graduation requirements. Students must be enrolled in a minimum of 12 credit hours as of the last day of the postsecondary institution's drop/add period.

Only tuition and a portion of the mandatory fees will be paid by the Georgia Department of Education. All other charges will be the responsibility of the student and payment will be required by the published fee deadline. MOWR does not cover any hours taken above the required 12 hours nor does it cover courses not on the approved GSFC Accel course listing. Postsecondary institutions are under no obligation to offer courses that will ensure a student participating in MOWR will complete high school graduation requirements on time. MOWR is available fall and spring semesters only.

Students must apply by submitting an application for admission to Georgia Southern (no application fee required), high school transcript, and SAT or ACT 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 degree-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.

Move on When Ready is a state-funded program for public high school students that provides dual enrollment tuition assistance in Georgia. The program offers the opportunity to earn dual credit, satisfying high school and college core curriculum requirements.

Admission Requirements for Move on When Ready

To be admitted, the student must satisfy the following:

1. Have earned 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 1010 (Math + Critical Reading only) or 21 Composite ACT and a writing score;
3. Gain permission from their high school guidance counselor to participate in the program;

4. (In addition to the Admissions Application) Must submit the online the Accel Program Application on the GaCollege411 website;
5. Meet all other regular (non-provisional) admissions requirements.

Students who participate in MOWR 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.

*Admission requirements are subject to change.

Transfer Admission

Transfer admission policies are subject to change. Interested applicants should contact the Office of Admissions.

*Applicants who have attended any college or university should satisfy the following:

1. Request the Registrar at each institution attended, regardless of length of attendance or amount of credit earned, to send an official transcript to the Office of Admissions.
2. Present a satisfactory academic record from each institution attended. Admission will be evaluated in accordance with one of the following categories, as appropriate:
 - a. Generally, students completing a transferable A.A. or A.S. degree with a 2.0 cumulative GPA (4.0 scale) in a college or university parallel curriculum will be offered admission. **Note: Georgia Southern does not award credit for Associate of Applied Science degrees.**
 - b. Students who have earned 30 semester hours (45 quarter) of collegiate work: admission will be granted only if the student has a cumulative grade point average of at least 2.0 on all collegiate work attempted.
 - c. Students who have earned fewer than 30 semester hours (45 quarter) and graduated from a **Georgia high school**: admission will be granted only if the student meets all current requirements for regular freshman admission to Georgia Southern University and be eligible to return to their previous institution.
 - d. Students who have earned fewer than 30 semester hours (45 quarter) and graduated from a **non-Georgia high school**: admission will be granted only if the student meets all current requirements for regular freshman admission with the exception of the Georgia college preparatory curriculum requirements, however, the applicant must meet the college preparatory curriculum requirements for the state from which they graduate high school. The student must also be eligible to return to their previous institution.
 - e. GED transfer applicants are required to complete at least 30 semester hours (45 quarter) of transferable work with a 2.0 cumulative GPA.

*Applicants will not be eligible for admission if they are under current dismissal from any other institution. Students who have earned under 30 semester hours (45 quarter) of college parallel credit at another institution and have not met Georgia Southern University's freshman admission requirements and/or are enrolled in, or have completed, remedial/learning support courses at another college will not be eligible for admission until they successfully complete the remedial/learning support courses and have earned 30 semester hours (45 quarter) of regular degree

credit with a cumulative 2.0 GPA. *Note: College prep curriculum make-up, remedial, or learning support classes do not count toward the 30 semester hours (45 quarter) of transferable work.*

The Director of Admissions will ordinarily determine the applicant's eligibility on the basis of the above requirements but may also require the applicant to meet any or all of the following:

1. Present transcripts of high school work and meet freshman admission requirements.
2. A personal interview.
3. Present results for any psychological, achievement or aptitude test that the college may prescribe.

The applicant has the right to appeal the decision of the Director of Admissions to the Academic Standards Committee. Some programs may require additional materials for review before admission to a program of study is approved. Students must be admitted to the University in order to be admitted to a program of study.

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, New England 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 accredited institution. Georgia Southern will not accept credit in transfer from any non-accredited technical college.
4. Credit will be allowed for completed college courses which are parallel in nature. Below college level (remedial or refresher) courses cannot be accepted in transfer.
5. The Director of Admissions, the Registrar, or the University Ombudsperson 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 transfer will get credit for completion of core areas A1-F, health and kinesiology, provided they have not changed their intended major from the transferring school. If they change majors, they will have to complete area F at Georgia Southern University (*Academic Affairs Handbook, University System of Georgia, 2.04.04*).
 - b. Non-system transfers who have completed a program with 60 semester hours or more will be given credit for core areas A1-E, health and kinesiology (46 hours). Area F courses will be evaluated by the major advisor for use in the student's program of study.
7. Credits accepted in transfer by Georgia Southern University may not necessarily apply as hours toward graduation. Final determination, with exception of areas A1-E of the core curriculum, will be made by the appropriate academic advisor and are subject to the regulations of the school and department granting the degree and major.
8. Transfers who have earned 30 or more hours are exempt from FYE 1220 - First Year Seminar (2). Transfer students with fewer than 30 hours may seek a waiver of the FYE 1220 requirement through their academic advisors if they meet either of the following criteria: 1) they were full time college students for two semesters at a previous institution; or 2) they earned credit for a two or three-hour FYE course at a previous institution that has similar learning outcomes to FYE 1220.
9. A maximum of 30 semester hours of correspondence (including Advanced Placement, CLEP, DANTEs, Military Credit, Extension, etc.) or a maximum of 24 semester hours of International Baccalaureate credits may be accepted for transfer within the following guidelines:
 - a. A minimum grade of "C" is required for courses completed by extension or correspondence.
 - b. A maximum of fourteen semester hours of credit for military service experience may be awarded upon receipt of AARTS or DD214 or DD295 or any other official documentation in the Registrar's Office.
 - Fourteen semester hours including up to four semester hours of credit for physical education activity courses may be awarded for correspondence courses as recommended by the American Council on Education (A.C.E.).
 - Two semester hours of credits will be allowed for Physical Conditioning and Marksmanship for active service less than one year and four semester hours of credit for physical education activity courses may be allowed for one year or more active service.
 - c. Military experience credit should be appropriate to the degree programs offered at Georgia Southern University.
 - d. Any credit awarded for participation in the DANTEs program will be awarded and administered in the same manner as CLEP.

Credit by Examination

Advanced Placement, International Baccalaureate, and CLEP

Georgia Southern University is a participant in the Advanced Placement (AP) Program, the International Baccalaureate (IB) program, and the College Level Examination Program (CLEP) of the College Entrance Examination Board. Under the AP and IB programs, a student offers a nationally graded examination as evidence of completion of a college level course taken in high school. Depending on the results of the examination, the student may receive credit for courses covering similar material. The total college course credits awarded for IB assessments may not exceed 24. Under the College Level Examination Program and Advanced Placement, the University grants up to 30 semester hours of general education credit to those students who obtain the minimum scores defined by university policy. (Credit will not be

awarded if the student has previously registered for a similar course or a more advanced course in the same field, or if six months have not elapsed since last taking the test.) For further information contact the Director of Admissions or check the website, <http://admissions.georgiasouthern.edu/programs/ap-ib-clip/>.

Proficiency Exams

Georgia Southern University also offers the student an opportunity to obtain credit by local proficiency examination. The procedure is as follows:

1. Student eligibility must be determined by the Registrar.
2. Student petitions 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.
5. Credit obtained by proficiency examination will be considered resident credit.
6. The proficiency exam score must be at least a "C" to award credit by exam. The Registrar will enter a grade of "K" on student's academic record showing credit was earned by proficiency examination.

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.

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 general application for admission form and the application fee, applicants are required to submit an official transcript to the Director of Admissions 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.

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" 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 and graduate students must 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). Native speakers of English will be required to submit satisfactory scores on the SAT.
5. Applicants residing outside the U.S. 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, a copy of the visa, I-94, and passport information must be submitted. Permanent residents (green card holders) are required to submit a copy of their resident alien card.

International students, permanent residents, and naturalized citizens, regardless of TOEFL or SAT 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 Center for International Studies in the Forest Drive building. Students are encouraged to contact the Center for International Studies for information and assistance at (912) 478-7435 or on the web at <http://academics.georgiasouthern.edu/international>.

Two basic aspects of maintaining status involve employment and full-time enrollment. F1-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 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 Center for International Studies. The current cost is approximately \$1,211 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 Center for International Studies, 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 Center for International Studies.

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 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 at the time of registration;
- Must enroll as a regular student to audit or take courses offered for resident credit;
- Must pay for supplies, laboratory or fees.

Individuals who do not qualify as mature students (see below) must also satisfy the following:

- Must meet all Georgia Southern University 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 Requirements for Graduation in the Academic Information Section.)

Special Admission for Mature (Non-Traditional) Students

Applicants applying for admission as a mature student must meet the following requirements:

1. Students who have been out of high school for at least five years or whose high school class graduated at least five years ago and have earned fewer than 30 transferable semester hours of college credit and have not attended college within the past five years (or are in good standing at the last college attended if admitted to that college as a non-traditional student) are not required to take the SAT or ACT. These students, however, shall take the University System of Georgia COMPASS exam and complete Learning Support requirements if applicable. Prior to making a decision on your acceptance, you may be required to take the COMPASS exam.
2. In addition to the application and application fee, applicants must submit a high school transcript, college transcript, and/or GED scores.

Readmission Policy

The following students must fill out a former student readmission application at <https://www.sta.georgiasouthern.edu/Axiom/Login.aspx?SourceID=25>:

1. Students who do not attend the University for one calendar year.
2. Students whose most recent academic standing was exclusion.
3. Students that have earned a baccalaureate degree from Georgia Southern University who wish to enroll in additional undergraduate courses.
4. Students that wish to return as a transient student to Georgia Southern University.

Note: Students who are not required to file an application for readmission who have attended another institution while away from Georgia Southern University should contact that school and have an official transcript sent to Georgia Southern University 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 of the first term after returning to Georgia Southern University could result in the administrative withdrawal of the student.

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 <http://www.usg.edu/policymanual/>.

Institutions may use a number of different methods to verify the lawful presence of their students. The methods include the following:

- A Certified U.S. Birth Certificate showing the student was born in the U.S. or a U.S. territory. A photocopy is not acceptable.
- A U.S. Certificate of Naturalization (USCIS form N-550 or N-570).
- A U.S. Certificate of Citizenship (USCIS form N-560 or N-561).
- A U.S. Certificate of Birth Abroad issued by the Department of State (DS-1350) or a Consular Report of Birth Abroad (FS-240).
- A current U.S. Passport.
- A current Driver's License issued by the State of Georgia after January 1, 2008.
- A current ID issued by the State of Georgia after January 1, 2008.
- A current military ID (service member only, not dependent)
- A current, valid Permanent Resident Card (USCIS form I-151 or I-551)

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 http://www.usg.edu/student_affairs/students/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. 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 \$11,490 a year, which according to the Board of Regents, is the minimum amount of income a student must make to be considered for in-state residency approval (For more details about this rule set by the BOR, visit this website <http://aspe.hhs.gov/poverty/index.cfm>. If the student is basing 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 permitted to register 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 nonresident 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.

Student Responsibilities

1. **Student Responsibility to Register under Proper Classification** - The responsibility of registering under the proper tuition classification belongs to the student. If there is any question of his/her right to in-state tuition status, it is his/her obligation, within 60 calendar days, beginning with the first day of class, to raise the question with the administrative officials of the institution in which he/she is registering and have it officially determined. The burden always rests with the student to submit information and documents necessary to support his/her contention that he/she qualifies 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 he/she petitions 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 he/she reports, 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.
2. **International.** International students selected by the institutional president or an authorized representative, provided that the number of such waivers in effect does not exceed 2 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. Apply by completing the Application for Scholarships on the International Admissions page at the following address:
<http://admissions.georgiasouthern.edu/wp-content/uploads/2012/05/IntDivScholarship.pdf>.
3. **University System Employees and Dependents.** Full-time employees of the University System, their spouses, and their dependent children.
4. **Full-Time School Employees.** Full-time employees in the public schools of Georgia or of the Technical College System of Georgia, their spouses, and their dependent children. Teachers employed full-time on military bases in Georgia shall also qualify for this waiver.
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.** Military personnel, their spouses, and their dependent children stationed in or assigned to Georgia and on active duty. The waiver can be retained by the military personnel, their spouses, and their dependent children if:
 - a. The military sponsor is reassigned outside of Georgia, and the student(s) remain(s) continuously enrolled and the military sponsor remains on active military status;
 - b. The military sponsor is reassigned out-of-state and the spouse and/or dependent children remain in Georgia and the sponsor remains on active military duty; or
 - c. Active military personnel and his/her their spouse and/or dependent children who are stationed in a state contiguous to the Georgia border and who live in Georgia.
7. **Georgia National Guard and U.S. Military Reservists.** 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.** 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 Out of State Fee Waiver.** As of the first day of classes for the term, an economic advantage waiver may be granted to a U.S. citizen or U.S. legal permanent resident who is a dependent or independent student and can provide clear evidence that the student or the student's parent, spouse, or U.S. court appointed legal guardian has relocated to the State of Georgia to accept full-time, self-sustaining employment and has established domicile in the State of Georgia. Relocation to the state must be for reasons other than enrolling in an institution of higher education. For U.S. citizens or U.S. legal permanent residents, this waiver will expire 12 months from the date the waiver was granted.

As of the first day of classes for the term, an economic advantage waiver may be granted to an independent non-citizen possessing a valid employment-related visa status who can provide clear evidence of having relocated to the State of Georgia to accept full-time, self-sustaining employment. Relocation to the state must be for employment reasons and not for the purpose of enrolling in an institution of higher education. These individuals would be required to show clear evidence of having taken legally permissible steps toward establishing legal permanent residence in the United States and the establishment of legal domicile in the State of Georgia. Independent non-citizen students may continue to receive this waiver as long as they maintain a valid employment-related visa status and can demonstrate continued efforts to establish U.S. legal permanent residence and legal domicile in the State of Georgia.

A dependent non-citizen student who can provide clear evidence that the student's parent, spouse, or U.S. court-appointed legal guardian possesses a valid employment-related visa status and can provide clear evidence of having relocated to the State of Georgia to accept full-time, self-sustaining employment is also eligible to receive this waiver. Relocation to the state must be for employment reasons and not for the purpose of enrolling in an institution of higher education. These individuals must be able to show clear evidence of having taken legally permissible steps toward establishing legal permanent residence in the United States and the establishment of legal domicile in the State of Georgia. Non-citizen students currently receiving a waiver who are dependents of a parent, spouse, or U.S. court-appointed legal guardian possessing a valid employment-related visa status may continue to receive this waiver as

long as they can demonstrate that their parent, spouse, or U.S. court appointed legal guardian is maintaining full-time, self-sustaining employment in Georgia and is continuing efforts to pursue an adjustment of status to U.S. legal permanent resident and the establishment of legal domicile in the State of Georgia.

10. **Recently Separated Military Service Personnel.** Members of a uniformed military service of the United States who, within 12 months of separation from such service, enroll in an academic program and demonstrate an intent to become a permanent resident of Georgia. This waiver may also be granted to their spouses and dependent children. This waiver may be granted for not more than one year.
11. **Nonresident Student.** As of the first day of classes for the term, a nonresident student can be considered for this waiver under the following conditions:

Dependent Student: 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.

Independent Student: 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.

If the parent, spouse, or U.S. court-appointed legal guardian of a continuously enrolled nonresident student establishes domicile in another state after having maintained domicile in the State of Georgia for the required period, the nonresident student may continue to receive this waiver as long as the student remains continuously enrolled in a public postsecondary educational institution in the state, regardless of the domicile of the parent, spouse or U.S. court-appointed legal guardian.
12. **Vocational Rehabilitation Waiver.** 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 in the Admissions section of the catalog.

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 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:

- A. Students who reside or study at another institution.
- B. Students enrolled in practicum experiences (e.g., student teachers) or internships located at least 50 miles from the institution.
- C. 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.
- D. 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.

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 Federal Work-Study. 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. Students may receive federal financial aid for up to 30 credit hours of Learning Support Program course work. Contact the Department of Financial Aid at (912) 478-5413 for help with questions and problems. The Financial Aid Department, part of the Division of Student Affairs and Enrollment Management, is located on the second floor of the Rosenwald Building. The fax number is (912) 478-7418.

Mailing address:

Department of Financial Aid
P.O. Box 8065
Georgia Southern University
Statesboro, Georgia 30460-8065
<http://em.georgiasouthern.edu/finaid>

Four types of financial aid:

- **Grants** - Federal, state and privately funded grant programs are available to students enrolled at Georgia Southern University.
- **Loans** - Loan programs are available from state and federal agencies.
- **Scholarships** - Georgia Southern University offers a limited number of academic scholarships to its students.
- **Federal Work-Study (FWS)** - provides jobs to students who qualify for need-based financial aid.

Application Procedures

To apply for any Federal Title IV aid:

- Complete and submit an Application for Admission to attend Georgia Southern University.
- By April 20, complete a Free Application for Federal Student Aid (FAFSA) online at <http://www.fafsa.ed.gov/>, for the year you plan to enroll. You must list Georgia Southern University's federal school code, 001572, on the form.
- Enrolled students should re-apply for aid by April 20 of each year.

April 20 is a 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 emailing the Financial Aid Department at finaid@georgiasouthern.edu or at the website: <http://em.georgiasouthern.edu/finaid>.

Class Attendance Verification

In accordance with federal regulations, financial aid cannot be released to your account in the Office of Student Accounts until your professor(s) have verified your class attendance. Class attendance will be taken by professors on the first day of each class for which you are registered.

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).
- A student may receive aid to repeat a previously passed course one additional time (students are no longer eligible to receive aid for courses they repeat twice and receive a passing grade).
- A student may receive aid for a repeated course which was previously failed regardless of the number of times the course was attempted and failed.

The federal regulations apply whether or not the student received aid for earlier enrollments in the course.

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 the Georgia Student Finance Commission, 2082 East Exchange Place, Suite 200, Tucker, GA 30084, (800) 505-4732, or <http://www.Gacollege411.org/>.

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:

- You must show financial need, an EFC between 0 and 5081.
- You must be enrolled in an approved undergraduate course of study and must not have a bachelor's degree.
- You 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).

You may receive a Federal Pell Grant each academic year up to a maximum of 12 semesters. The maximum Federal Pell Grant for 2013/2014 is \$5645 for eligible students. Award amounts are prorated based on the number of 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 Financial Aid Department to assist undergraduate students with financial need. For additional information visit our website at <http://em.georgiasouthern.edu/finaid>. To be eligible:

- You must show substantial financial need by using the FAFSA form.
- You must be eligible for Federal Pell Grant.
- You must be enrolled in an undergraduate course of study, and you 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)

This program provides up to \$3,716 a year in grant assistance to students who plan on becoming Special Education or Spanish teachers and meet certain specified requirements. If a student who receives a TEACH Grant does not complete the teaching requirement, the grant must be repaid as a Federal Direct Unsubsidized Loan under the William D. Ford Federal Direct Loan Program.

Loan Programs

Federal Perkins Loan Program

The Federal Perkins Loan Program is a low-interest (5 percent) federal loan for undergraduate students with exceptional financial need. This program is administered by the Department of Financial Aid at Georgia Southern University. Student eligibility is based upon a predetermined awarding formula using limited available funds. The FAFSA must be completed. For additional information visit our website at <http://em.georgiasouthern.edu/finaid>.

Maximum Loan Amounts for Perkins

You may be awarded up to \$4,000 for each year of undergraduate study. The total amount allowed as an undergraduate is \$20,000. However, the standard Perkins Loan awarded at Georgia Southern University is \$2,000 per academic year; \$1,000 per semester.

Repayment Obligation for Perkins Loan

Repayment begins 9 months after you graduate, leave school, or drop below half time enrollment. You may be allowed up to 10 years to repay the loan. During the repayment period, you will be charged five percent simple interest on the unpaid balance of the loan principal.

A Federal Perkins Loan is a serious legal obligation. Therefore, it is extremely important that you understand your rights and responsibilities.

- You must, without exception, report any of the following changes to the Federal Perkins Loan Collections Office, Georgia Southern University, P.O. Box 8119, Statesboro, GA 30460, (912) 478-1264 or (912) 478-5411:
 - a. If you withdraw from school;
 - b. If you transfer to another school;
 - c. If you drop below half-time enrollment status;

- d. If your name should change (because of marriage, for example);
 - e. If your address or your parents' address changes;
 - f. If you join military service, Peace Corps, or VISTA.
- When you graduate or withdraw from Georgia Southern University, you **MUST** arrange for an exit interview by calling (912) 478-1264 or (912) 478-5411.
 - Your first monthly payment will be due nine months from the time you cease to be at least a half-time student.
 - Your minimum monthly payment will be at least \$40.
 - The annual percentage rate of five percent will be the FINANCE CHARGE based on the unpaid balance and will begin to accrue nine months after you cease to be enrolled as at least a half-time student.
 - Cancellation will be granted for certain types of elementary or secondary school teaching; for military service in areas of hostilities; for full-time staff members in Head Start; and for permanent disability. You also accept the responsibility to inform the school of such status. In the event of death, family members should contact the school.
 - If you enter the military service, Peace Corps, VISTA, or comparable tax-exempt organization, full-time active duty in the Commissioned Corps of the U.S. Public Health Service, while temporarily totally disabled, or return to at least half-time study at an institution of higher education, you may request that the payments on your Federal Perkins Loan be deferred.
 - If you fail to repay any loan as agreed, the total loan may become due and payable immediately, and legal action could be taken against you.
 - You must promptly answer any communication from Georgia Southern University regarding the loan.
 - You may repay at any time. Future interest payments will be reduced by making such payments. If you cannot make a payment on time, you must contact Georgia Southern University Federal Perkins Loan Office at (912) 478-1264 or (912) 478-5411.
 - Your loan history will be reported to a credit bureau at the time of disbursement.
 - When you sign the loan agreement, you authorize Georgia Southern University to contact any school which you may attend to obtain information concerning your student status, year of study, dates of attendance, graduation, withdrawal, transfer to another school or current address.

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 <http://www.ed.gov/DirectLoan>.

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 (six hours for undergraduate and four hours for graduate) in a program leading to a degree.

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 hours) - \$6,500 yearly; maximum subsidized amount = \$4,500 yearly
- Juniors or Seniors (60 + earned hours) - \$7,500 yearly; maximum subsidized amount = \$5,500 yearly

Repayment normally begins six months following graduation or when you cease to be at least a half-time (six hours for undergraduate and four hours for graduate) student. Payments and the length of the repayment period depend upon the amount of your 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 you are eligible for a Federal Direct Stafford Loan, you will be awarded one (either subsidized or unsubsidized or a combination of both) as part of your financial aid package. Please read the following paragraphs to learn the differences between the subsidized and unsubsidized Federal Direct Stafford Loans. If you decide to borrow a Federal Direct Stafford Loan, you 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 you may borrow is the difference between the cost of education (your budget) and your resources (family contribution, financial aid such as Federal Perkins Loan, Federal College Work-Study, and any other assistance you receive from the school and outside resources including scholarships). However, you may not borrow more than the federal maximum for your grade level.

If you are eligible for a subsidized Federal Direct Stafford Loan, the government will pay the interest for you until graduation or enrollment drops below half time enrollment. You will be assessed a loan origination fee, which is deducted from the loan proceeds but will not reduce the principal balance you are 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 you will receive 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 you are in school and during the six-month grace period before repayment begins. You have the option of paying the interest monthly, quarterly, or having the interest added to the principal. A loan origination fee is deducted from each disbursement of an unsubsidized loan. These charges do not reduce the amount you are required to repay. For additional information visit our website at <http://em.georgiasouthern.edu/finaid>.

Additional Unsubsidized Federal Direct Stafford Loan

If you are an independent undergraduate student or a dependent student whose parents are denied for a PLUS Loan, you may borrow an additional unsubsidized Stafford loan as follows: students in their freshman and sophomore undergraduate years may borrow a maximum of \$4,000 per academic year; students in their junior or senior undergraduate year 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 you are a dependent student, you may be eligible for a Federal Direct Parent Loan for Undergraduate Students (PLUS) to meet your education expenses. This loan is available through the University and is funded by the U.S. Department of Education. 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 nine percent. For PLUS loans made to parents that are first disbursed on or after July 1, 2008, the borrower has the option of beginning repayment on the PLUS loan either 60 days after the loan is fully disbursed or wait until six months after the dependent student on whose behalf the parent borrowed ceases to be enrolled on at least a half-time basis. A loan origination fee is deducted from each disbursement of a PLUS loan. These charges do not reduce the amount you are required to repay. Applications are available in the Department of Financial Aid. 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 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 \$10,000 per year up to a maximum of \$40,000 over a college lifetime. A non-refundable \$50 origination fee is deducted from the first disbursement of each loan.

Interest rate structure for loans received on or after July 1, 2012:

- Fixed rate of 1% if the student graduates within the designed length of the program of study.
- Fixed rate of 6% if the student graduates within one year beyond the designed length of the program of study.
- Fixed rate of 8% if the student graduates beyond one year after the designed length of the program of study.
- Annual interest payments are required while in school; minimum interest payment is \$15.00 for loans received on or after July 1, 2012.

Repayment is a maximum of ten (10) years with a minimum payment of \$15.00 for loans received on or after July 1, 2012. For additional information and application procedures, refer to www.GACollege411.org.

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 <http://admissions.georgiasouthern.edu/>.

Continuing Students

Georgia Southern University departments offer a vast array of scholarships for continuing students. These scholarships are managed by the individual departments within the University and vary from major-specific awards to leadership awards to study abroad awards. Most of these scholarships have different application procedures and deadlines. Contact your department head for more information.

State Scholarships

The Georgia Student Finance Commission administers state scholarships and student grant programs. For information contact the Georgia Student Finance Commission, 2082 East Exchange Place, Suite 200, Tucker, GA 30084, (800) 505-4732, or <http://www.Gacollege411.org/>.

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. Refer to www.GACollege411.org for additional information.

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 that 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 semester hours of University course work.

HOPE eligibility is reviewed at various checkpoints during the academic year and all attempted hours are counted in the review. "Attempted hours" refers to all 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 hours and after every spring semester).

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 <http://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 <http://em.georgiasouthern.edu/finaid/external-scholarships/>.

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. Funding is very limited for this program. 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 hours to qualify for this program.

Satisfactory Academic Progress Policy

Requirement and Definition

Students receiving financial aid must be making Satisfactory Academic Progress (SAP) in accordance with the policies outlined below. Satisfactory progress means that a student is advancing toward his/her degree objective in a manner consistent with prescribed policies of the University.

The Department of Financial Aid is responsible for evaluating satisfactory academic progress of students receiving financial assistance from the following programs: Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Teacher Education Assistance for College and Higher Education (TEACH) Grant, Federal Work-Study, Federal Subsidized and Unsubsidized Stafford Loan, Federal PLUS Loan, Federal Graduate PLUS Loan, Federal Perkins Loan, HOPE Scholarship, and Zell Miller Scholarship.

Satisfactory Academic Policy Criteria:

- Grade Point Average (GPA Requirements)**
Undergraduates and post-baccalaureate students must maintain a 2.0 minimum total institution GPA to be eligible for financial aid. Failure to maintain the required cumulative GPA standards will result in academic and financial aid warning. When a student's unsatisfactory academic standing results in exclusion from school by the Registrar's Office, the student is also excluded from receiving financial aid. Students' GPA requirements are evaluated at the end of each semester.
- Credit Hour Completion (SAP Incremental Progress Required)**
Students are required to earn a minimum number of hours each academic year depending upon their enrollment status. Undergraduate and post-baccalaureate students should

complete 67% of all attempted hours registered for during the academic year. Note that these are minimum requirement standards and that most students will complete the required course work at a faster rate. Students' incremental progress is evaluated at the end of the spring term and at the end of the summer term for students taking summer course work.

- Maximum Time Frame**

Undergraduate: Students in a 4-year program who have attempted more than 150% of the published length of a degree program will have their aid terminated. All terms of enrollment will count toward the maximum time limit. Terms in which no aid is received will count if the student is enrolled after the first week of classes. For example, if the published degree program length is 126 credit hours, the maximum time frame would be 189 credit hours (126 X 150%).

For additional information, SAP policy, appeal procedure, appeal form, and SAP calculator, refer to our web page at <http://em.georgiasouthern.edu/finaid/policies/satisfactory-academic-progress-sap>.

Consortium Agreements

Credit hours earned through consortium agreements (contracts with other higher education institutions) will count toward maximum time frame, credit hour completion percentage, and cumulative GPA.

Transfer Credits

Credits transferred from other institutions including those earned from consortium agreements will count toward maximum time frame and credit hour completion percentage.

Post-Baccalaureate Students

The above requirements apply to all students seeking an additional bachelor's degree. Post-baccalaureate students may receive financial aid up to a total of 275 attempted hours which includes all undergraduate coursework attempted for the first degree and additional coursework to complete a second degree.

Failure to Meet the SAP Standards of Academic Progress

Financial Aid Suspension

The standards of academic progress will be checked once a year at the end of the spring and/or summer term of enrollment and if the standards of academic progress are not met, the student will be placed on Financial Aid Suspension. Students will be notified of the following by letter at the address they have on file in the Office of the Registrar:

- They are being placed on Financial Aid Suspension.
- They are not eligible to receive financial aid.

Financial Aid Denied due to Suspension

Students have the right to appeal to have their financial aid re-evaluated by the Satisfactory Academic Progress Committee. See SAP Appeal Process for procedures.

Learning Support Classes

Learning support students will have their first 30 credit hours of learning support course work excluded from the maximum time frame calculation defined above. Learning support credit hours in excess of 30 will be included in the maximum time frame and the

required percentage of credit hour completion. Upon a student successfully exiting the Learning Support program, the grades earned through learning support course work will be included in the calculation of the cumulative GPA. Remedial or learning support course work from another institution will be counted in the calculation.

Dropped and Repeated Courses

All credit hours attempted during each term in which a student is enrolled will count toward the maximum time frame and minimum credit hours completion. A student is considered enrolled based on the number of credit hours registered after class attendance verification. Students who drop courses or completely withdraw from the University during the 100% refund period will not have those hours considered in determining total hours registered. Students who drop courses or completely withdraw from the University after the 100% refund period will have those hours considered in determining total hours registered, which will count toward the maximum time frame calculation.

Repeated courses will count in the calculation of attempted hours. The grade earned when the last grade is received for a course is the only grade that counts toward satisfactory academic progress.

Passing Grade Requirements

Undergraduate student financial aid applicants and recipients must demonstrate they are making measurable progress toward earning a degree by **successfully completing a minimum of 67%** of all hours attempted at the University and all hours accepted in transfer (including those hours attempted when the student did not receive federal or state student aid).

- Grades of "A", "B", "C", "D" or "S" are successfully completed hours as long as credit is earned and counts toward degree program.
- Grades of "F", "W", "WF", "I", "IP", "U" or repeated courses are not successfully completed hours.
- "V" grades (audited courses) do not count as attempted or successfully completed hours.

If a student does not receive the required passing grades in their coursework, they are not considered to be making progress and their financial aid is canceled. To regain financial aid eligibility, refer to the 'Reinstatement of Financial Aid Eligibility' section.

Withdrawal from School

Financial aid recipients who withdraw from school during the 100% refund period of any term will not have their registered hours included in the maximum time frame calculation nor be required to meet the minimum credit hour completion percentage. However, aid recipients withdrawing from school after the 100% refund period will have their registered hours included in the maximum time frame calculation and be required to meet the minimum credit hour completion percentage.

Reinstatement of Financial Aid Eligibility

A student seeking to have financial aid eligibility reinstated may do so by:

- achieving the required minimum total institution GPA and successfully completing 67% of attempted hours, or
- acquiring a successful appeal through the appeal process. Students will be notified of the committee's decision and the specific requirements and/or grades a student must earn each

term. Students' progress will be checked at the end of every term of enrollment.

SAP Appeal Process

Students completing the appeal process are required by the Georgia Southern University Office of Student Accounts to pay their current term fees by the published fee payment deadline. Questions regarding student fee payments should be directed to the Office of Student Accounts at (912) 478-0999.

Financial Aid Excluded Due to Failure to Meet Academic GPA Requirements

Students requesting an appeal to remain in school through the Academic Standards Committee in the Registrar's office may use the same process to request an appeal to receive financial aid. Should the academic appeal process determine that a student may remain enrolled in school, he/she will be allowed to continue to receive financial aid, provided they have earned 67% of attempted hours. Students with only a GPA issue should contact the Registrar's office for the appropriate appeal procedures.

Financial Aid Excluded Due to Failure to Progress Toward Academic Degree Completion

Students requesting an appeal for continuance of financial assistance must do so by completing the Satisfactory Academic Progress Financial Aid Appeal form located on the Financial Aid website at <http://em.georgiasouthern.edu/finaid/policies/satisfactory-academic-progress-sap>. All appeals are reviewed by the Financial Aid SAP appeal committee and students will be notified of the committee's decision to approve or deny reinstatement of the student's financial aid. For approved appeals, students' progress will be checked at the end of every term to determine if they met the specific requirements set forth by the committee. The committee's decision is final and students must abide by the decision.

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 Program

Georgia Southern University offers its students the opportunity to gain relevant work experience related to their academic majors, begin the career decision-making process, and earn money for educational expenses. This is accomplished through the Cooperative Education program that is provided on an optional basis in most majors and minors in the Colleges of Liberal Arts and Social Sciences, Business Administration, Health and Human Sciences, Engineering and Information Technology, Public

Health, Science and Mathematics. The Office of Career Services coordinates the Co-op Program administratively.

The Co-op assignment may be student, college, or industry initiated. Normally, students must have earned 30 semester hours of credit toward their major, have a GPA of 2.5 or better, and be willing to participate in no less than two alternating co-op work assignments, four (4) parallel work assignments, or a combination of alternating and parallel. Salaries and benefits are determined by the employer and normally increase as the program proceeds. Board and lodging are the responsibility of the student, but in 80% of the cases the employers provide assistance in locating suitable accommodations. Co-op students register for the Co-op course each semester that they are on a work assignment. Co-op students and Co-op employers are required to submit evaluations at the end of each semester. A pass or fail grade will be awarded to the student.

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 the Registrar's Office for assistance at (912) 478-5154. 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 the Registrar's Office with an official military transcript for evaluation.

The Office of the Registrar will evaluate transfer Credit for Military Service based on completion of basic military training. A form DD-214 should be furnished to the Office of the Registrar for evaluation. Two (2) semester hour credits will be allowed for Physical Conditioning and Marksmanship for active service less than one year and four (4) semester hour credits will be allowed for one year or more active service.

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, write directly to Vocational Rehabilitation Program, 1700 Century Circle, Suite 300, Atlanta, GA 30345-3020, or call (404) 486-6331, toll free (866) 489-0001, or the web page <http://www.vocrehabga.org>.

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 Financial Aid Department 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 Financial Aid Department 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.

Student Accounts

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 by the 10th calendar day following the Drop/Add period. Students are responsible for checking their account balance via WINGS at <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 or Discover in the exact amount of the student's invoice. Payment by credit card must be made via WINGS and is subject to a 2.75% 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 and be reimbursed when his/her 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 INVOICES ARE MAILED; INVOICES ARE AVAILABLE ONLINE ONLY VIA WINGS AT THE ABOVE WEB ADDRESS.

Any amounts owed to the University that are not cleared when due will be subject to reasonable collection costs that could include collection agency fees, attorney fees, court costs and other charges necessary for the collection of the debt.

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. **At press time, Tuition and Fees were unavailable for Fall 2013 and Spring 2014. As soon as they are available, Tuition and Fees will be posted on the web at <http://services.georgiasouthern.edu/bursar/osf/studentfeespage.htm>.*

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 or at The University Store in an amount not to exceed \$50.00.

Returned Check Procedure

Checks (paper or electronic) returned for any reason will be handled in accordance with the state laws of Georgia and the Board of Regents policies. Returned items will be assessed a service fee of \$30.00, or 5% of the face value of the check, whichever is greater, and a hold will be placed on the student's record. The university will notify the student (maker) of the

returned item via certified mail detailing the payment options available.

Tuition/fee payments returned for non-sufficient funds will be re-deposited the first three weeks of class. Tuition/fee payments returned after the cancellation date must be paid within 10 days of the date of the notice or the student may be administratively withdrawn from all classes and charged for the time enrolled according to the University catalog.

After three checks (paper or electronic) have been returned, the student's (maker's) privilege of writing checks to the university will be suspended.

All amounts owed to the University that are not cleared when due will be subject to reasonable collection costs which could include collection agency fees, attorney fees, court costs and other charges necessary for the collection of the debt.

In-State Tuition*

Tuition is charged to all students based on the number of semester credit hours for which the student is registered. In-state undergraduate students who register for 15 or more hours will be charged \$2,426* per semester; students registering for fewer than 15 hours will be charged \$161.74* per semester hour. More information on tuition is available on the Board of Regents of the University System of Georgia website at <http://www.usg.edu/>.

All undergraduate students who enroll in an online course will pay the online course rate of \$189* per credit hour. This rate will not apply to higher cost programs such as WebBSIT.

In-state graduate students registering for 12 or more hours (with the exception of Professional Programs, Distance Education, and Online Programs) will be charged \$3,150* per semester; students registering for fewer than 12 hours will be charged \$263* per semester hour. Students enrolled in Professional Programs, Distance Education and Online Programs will be subject to additional tuition charges related to those programs. For more details please see <http://services.georgiasouthern.edu/bursar/tuitionandfees/main.htm>.

Graduate students who enroll in an Online Degree Program (degree is offered entirely online) will be charged \$1,200* per course for a 3 hour course or \$400* per credit hour. Please see Online Degree Programs for more information.

Out-of-State Tuition*

Non-residents of Georgia are required to pay tuition at an out-of-state rate based on the number of semester credit hours for which the student is registered. Out-of-state undergraduate students who register for 15 or more semester hours will be charged \$8,564* per semester; students registering for fewer than 15 hours will be charged \$570.94* per semester hour. More information on tuition is available on the Board of Regents of the University System of Georgia website at <http://www.usg.edu/>.

All undergraduate students who enroll in an online course will pay the online course rate of \$189* per credit hour. This rate will not apply to higher cost programs such as WebBSIT.

Registered Nurses enrolled in the RN to BSN online degree program tuition shall remain congruent with standard undergraduate tuition rates.

Out-of-state graduate students registering for 12 or more hours (with the exception of Professional Programs, Distance Education, and Online Programs) will be charged \$12,587* per semester; students registering for fewer than 12 hours will be charged \$1049* per semester hour. Students enrolled in Professional Programs, Distance Education and Online Programs will be subject to additional tuition charges related to those programs. For more details please see <http://services.georgiasouthern.edu/bursar/tuitionandfees/main.htm>.

Graduate students who enroll in an Online Degree Program (degree is offered entirely online) will be charged \$1,200* per course for a 3 hour course or \$400* per credit hour. Please see Online Degree Programs for more information.

University Fees*

Cultural, social and athletic activities, good health care and transportation services are important parts of the university's program and a student's educational environment. In order to provide these activities and services, a per semester University Fee of \$936.00* is charged. All students must pay this fee unless they are registered for fewer than four credit semester hours or enrolled in all off campus courses.

An Institution Fee of \$290.00* (which is included above) is assessed each semester to all students enrolled for that semester, regardless of class, residency or program of study. This fee is mandatory set by the Board of Regents.

Technology Fee*

A \$100* per semester Technology Fee is charged to all Georgia Southern University students (excluding those enrolled in Online Degree Programs). This fee is used to develop and maintain student computer laboratories. A Technology Fee Advisory Board, with student representation, makes decisions regarding the use of this fee.

**Fees quoted are for Fall 2012 and Spring 2013. At press time, Tuition and Fees were unavailable for Fall 2013 and Spring 2014. As soon as they are available, Tuition and Fees will be posted on our website at <http://services.georgiasouthern.edu/bursar/osf/studentfeepage.htm>.*

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*.

The College of Graduate Studies Continuous Enrollment policy requires students to be enrolled continuously in those programs that require a thesis or dissertation. Should a student not register each semester as required by the continuous enrollment policy, the student will be required to register and pay tuition and fees for the missed semesters. Tuition and fee payment is due for the

missed registration semesters at the beginning of the semester the student resumes his/her study providing the student is eligible to return and resume registration.

Parking Permits*

All vehicles parking on campus are required to have a parking permit which is available from the Parking Office located in Building 114 behind the Landrum Center on Chandler Road across the street from Subway. Resident permits and Commuter Permits are \$150*. Free parking is available for those who park at Paulson Stadium and ride the bus to campus. Car Pool permits are available for those wanting to share the cost of parking. Residents of some apartment complexes in close proximity to Campus do not qualify for parking permits at the beginning of the semester, but will be allowed to purchase commuter permits the fourth week of classes if parking is available. Permits are available for purchase on the Web through the My.GeorgiaSouthern.edu portal. For details, please call the Parking and Transportation Office at GSU-PARK (912-478-7275) or visit our web site at <http://services.GeorgiaSouthern.edu/park/>.

Visitors parking on campus are asked to obtain a complimentary visitor's pass from the Parking Office at the location above or at the Welcome Center in the Admissions Office located on Sweetheart Circle in Lewis Hall.

**Fees quoted are for Fall 2012 and Spring 2013. At press time, Tuition and Fees were unavailable for Fall 2013 and Spring 2014.*

Transportation Fee*

A \$55* per semester Transportation Fee is charged to Georgia Southern University students as part of their University Fee (See University Fee above). This fee is used to fund the Transit Services that are provided to students allowing them to park at Paulson Stadium and ride the Transit Shuttle to and around campus. For additional information, please call the Parking Office at (912) GSU-PARK (912-478-7275) or visit our web site at <http://services.georgiasouthern.edu/park/>.

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 (Business Office, Parking, Health Services, Library, NDSL) must be paid before a student may graduate.

A \$75 late graduation fee will be assessed to graduate students who miss the posted deadline to apply for graduation for the semester they expected to graduate. The deadline on which no further late applications will be accepted or processed is posted in the university calendars.

Textbooks and Supplies

The University Store offers all textbooks and supplies that Georgia Southern students need for their courses. The average cost per semester is approximately \$600, depending on course selection. Accepted forms of payment are: cash, check, MasterCard, Visa, Discover, American Express, and EAGLEXPRESS. (See EAGLEXPRESS at the end of this section.) 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 credit schedule each semester. These charges are then added to their student account and paid for out of their financial aid funds. All of the required materials are also available on The University Store's website at gsustore.com.

Fee Refunds

Regulations of the Board of Regents of the University System of Georgia provide for tuition and mandatory fee refunds when formal withdrawal from the Institution is approved within a designated period following scheduled registration.

The refund percentage that a student receives is a calculation of the time remaining in the semester up through 60% of the semester; once 60% of a semester has expired, there is no refund for a withdrawal from school. The refund calculation is based on days enrolled in the semester divided by number of calendar days in the semester including weekends and holidays but excluding breaks of 5 or more consecutive days. For example, a semester has 112 days. A student withdraws on day 49 of that semester; 43.8% of that semester has expired (49 days divided by 112 days). The student is eligible for a refund of 56.2% (100 percent minus 43.8 percent).

Refunds due to formal withdrawal from school are not made after the mid-point in the semester.

Refunds are not made for classes dropped after the drop/add period. Additional fees due for certain PE classes (i.e.; scuba diving, golf) and for certain courses (art, biology, chemistry, geography and geology, nutrition and food science, physics, public health, student teaching, and theater) are not refundable after drop/add. A refund of all semester tuition and other mandatory fees is made in the event of death of a student any time during an academic semester.

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 Office of Student Accounts notifies the student if a repayment is due. Failure to repay could result in loss of future Title IV Aid eligibility.

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.*

*Copies of the complete refund policy for Federal financial assistance are available from the Office of Student Accounts located on the first floor of Deal Hall.

Dining Plans

Eagle Dining Services offers students the ability to enjoy great food while on campus with their Eagle Unlimited Dining Plan options. Descriptions of the Dining Plans are listed below. Students may register for a Dining Plan via the Housing Agreement on the web, at the Eagle Card Center in the Russell Student Union, through the Eagle Dining Services website at <http://eagledining.georgiasouthern.edu>, or through their my.georgiasouthern.edu account. Dining Dollars are accepted at all dining locations on campus and Guest Passes may only be used at the Dining Commons (Landrum and Lakeside).

Dining Plans

- | | | |
|-----|--|---------------------|
| (1) | Eagle Unlimited Blue,
7-day unlimited access to the Dining Commons (Landrum and Lakeside)
\$150 Dining Dollars
Five (5) Guest Passes | \$1650.00/semester* |
| (2) | Eagle Unlimited Gold,
7-day unlimited access to the Dining Commons (Landrum and Lakeside)
\$300 Dining Dollars
Eight (8) Guest Passes | \$1800.00/semester* |

*Dining Dollars and Guest Passes expire at the end of the semester. The Rates quoted above are for Fall 2013 and Spring 2014. Please visit the Eagle Dining Services website for current Dining Plan pricing.

Freshmen living in on campus housing 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 Eagle Unlimited Dining Plans for the duration of their first two semesters on campus.

Beginning for the Fall semester 2013, the Eagle Card Center will offer students the ability to add Eaglexpress Packages to their invoice 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 in the Russell Student Union, through the Eaglexpress web portal at <http://eaglecard.georgiasouthern.edu>, or their my.georgiasouthern.edu account. Dining Dollars are accepted at all dining locations on campus.

Eaglexpress Packages

- | | |
|-------------------------------|-----------|
| (1) Eaglexpress 350, | \$350.00* |
| \$350 on your Eaglexpress | |
| +10% in Dining Dollars (\$35) | |
| (2) Eaglexpress 700, | \$700.00* |
| \$700 on your Eaglexpress | |
| +10% in Dining Dollars (\$70) | |

*Dining Dollars expire at the end of the semester. The Rates quoted above are for Fall 2013 and Spring 2014. Please visit the Eagle Card Center website for current Eaglexpress Package pricing.

Eagle Dining Services offers students the ability to enjoy great food while on campus with their Eagle Unlimited Dining Plan options. Descriptions of the Dining Plans are listed below. Students may register for a Dining Plan via the Housing Agreement on the web, at the Eagle Card Center in the Russell Student Union, through the Eagle Dining Services website at <http://eagledining.georgiasouthern.edu>, or through their my.georgiasouthern.edu account. Dining Dollars are accepted at all dining locations on campus and Guest Passes may only be used at the Dining Commons (Landrum and Lakeside).

EAGLEXPRESS

EAGLEXPRESS is a declining balance account which means that a student deposits funds into an account prior to making purchases, and then uses their Eagle I.D. Card to make purchases much like a debit card account. When a purchase is made, the amount of the transaction is automatically deducted from the account balance. EAGLEXPRESS can be used to purchase goods and services at all Auxiliary Service units including all campus restaurants, retail outlets, snack bars, parking, health and printing services. EAGLEXPRESS is also accepted off-campus at over 50 designated locations. See our website at <http://services.georgiasouthern.edu/aux/departments/eaglecard> for the most up-to-date list of EAGLEXPRESS retailers.

University Housing

The Department of University Housing at Georgia Southern University operates eight housing units providing a living-learning environment for approximately 5,030 students and offering a variety of facilities, services, and programs. In addition to providing reasonably priced housing, Georgia Southern University also strives to provide a positive environment conducive to the development and academic pursuits of its residents. Residence hall living provides social interaction and programming to heighten a student's sense of belonging, self-esteem, and self-actualization. Included in learning experiences are floor meetings, social programs, public service projects, rules and regulations, hall government, roommate contracting, and leadership training. These experiences provide students the opportunity to grow, achieve, find autonomy, and practice decision-making. With a staff of more than 300 employees, the Department of University Housing is committed to assisting students in making a smooth transition to college life.

First Year On-Campus Live on Requirements/Eligibility

To be eligible to live in University Housing, one must be enrolled at Georgia Southern University and maintain a minimum of 9 credit hours per semester. First year students, with some exceptions, are required to live in On-Campus housing. For detailed information about this policy, go to <http://www.gsuhousing.com/prospective> for guidelines and exceptions.

Applying for Campus Housing

Only students accepted for admission to Georgia Southern University may apply for campus housing. Housing information will be mailed and emailed to students after notification of admission acceptance.

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: Judicial reasons; non-enrollment, nonpayment of tuition, University fees, housing, and contract meal charges.

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 <http://www.gsuhousing.com>.

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 nine residence halls offers 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.

More information about the different community options each year is available on the housing website at <http://www.gsuhousing.com>.

Questions pertaining to student housing should be directed to:

Department of University Housing
Post Office Box 8102
Georgia Southern University
Statesboro, GA 30460-8102
(912) 478-5406
FAX: (912) 478-1148
housing@georgiasouthern.edu
<http://www.gsuhousing.com>

Student Life

The Division of Student Affairs and Enrollment Management supports the University's strategic plan by promoting and contributing to a university community centered on student learning and success. The Division focuses on the out-of-class welfare of the students and provides a richly diverse array of educational experiences to supplement classroom learning. Programs and activities are designed to contribute to the intellectual, emotional, physical, spiritual, and social development of the student. Students are encouraged to be active participants and to be involved in order to stimulate school spirit, strengthen campus life, and enhance the overall quality of their collegiate experience.

Student Affairs and Enrollment Management

The Division of Student Affairs and Enrollment Management provides leadership for the enrollment management function, a process designed to guide students and parents in their choice of a college or university, to facilitate the transition of students to college or from one college to another, to reduce student attrition and improve retention, and to enhance student outcomes. Successful enrollment management requires collaboration and cooperation among Admissions, Financial Aid, Marketing and Communications, the Registrar, the Bursar's Office, Academic Advisement, University Housing, and faculty. It is a team approach that begins with prospective students, continues throughout the college experience, and extends as students become successful alumni.

Dean of Students Office

The Dean of Students Office advocates for students and serves as a liaison between students, faculty, and staff. By focusing on the University's shared VALUES, the Dean of Students Office places students first and encourages students towards maximizing academic and personal success. The Office is committed to:

- Giving students a place to voice their concerns and opinions in an appropriate manner;
- Assisting students in need by identifying resources and referring students to those resources;
- Providing an understanding of campus policies and procedures, especially student rights and responsibilities; and
- Supporting educational opportunities that facilitate student development and intellectual growth both in and out of the classroom.

The office accomplishes its mission by assisting students with voluntary withdrawals, sending notifications to faculty in the event of extenuating circumstances, illness and/or injury and communicating with students through Eaglegrams, Messages from the Dean, and Campus Alerts. The Dean of Students Office believes that it is essential that issues and challenges confronting students be identified. Through both the "Talk With the Dean" program and one-on-one appointments the Dean of Students Office meets with students to discuss and identify student concerns so that the University may serve them more efficiently and effectively. For more information, please visit our website at <http://deanofstudents.georgiasouthern.edu>.

Student Conduct Code

The Student Conduct Code 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 Student Conduct Code at <http://deanofstudents.georgiasouthern.edu/conduct>. Georgia Southern University reserves the right to change the Student Conduct Code 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 <http://deanofstudents.georgiasouthern.edu/conduct>.

Support Services

Office of Student Activities

Russell Union and Williams Center

The mission of the Russell Union Student Center and Student Organization Resource Center in the Williams Center 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 through co-curricular experiences and by creating 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. The Russell Union 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, Multicultural Student Center, Fraternity and Sorority Relations, Eagle Card Services, Office of Student Conduct, Russell Union Operations, Student Activities, Student Government Association, and the Office of Student Leadership and Civic Engagement. Included in the 110,000 square foot Russell Union facility is a 600-seat ballroom, a 444-seat movie theatre/auditorium, three 42-inch plasma TVs, wireless Internet, 13 meeting rooms, two computer labs, Chick-Fil-A, Starbucks, Talon's Grille, 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 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. With over 20 computers, lounge space with couches, Multi-purpose Room that holds over 400 people, 26-seat conference room, and multiple meeting and work spaces, the Student Organization Resource Center is a modern, state of the art space available to students, faculty, and staff.

Campus Recreation and Intramurals

The Department of Campus Recreation and Intramurals (CRI), an integral and active service of the diverse University community, supports and strengthens the mission of Georgia Southern

University. Our purpose is to provide growth opportunities and educational experiences, which will enrich the life-long learning process. Through our programs and facilities, which are recreational, educational and sporting in nature, we promote and develop healthy life-style choices. Benefits of participation include the application of leadership, decision-making, problem solving, conflict management, communication and social skills. We strive to provide the safest, cleanest, highest quality, most dependable and enjoyable services.

M.C. Anderson Recreational Park - 301 By-Pass and Akins Boulevard

Recreation Activity Center (RAC):

- Free Weight, Machine Weight, Cardio, Group Exercise, Mind/Body, and Spinning rooms
- Wellness Center including massage therapy room and a fitness assessment lab
- 8 Multiuse courts
- 2 indoor soccer courts
- Southern Adventures rental center
- 3 Multipurpose Rooms for dance, martial arts and club practices
- Natatorium, complete with 25 yd x 25 m lap pool, whirlpool, sauna, 1m and 3m diving boards and large locker room facilities

Outdoor venues:

- Outside leisure pool and whirl pool
- Sand volleyball courts
- Outdoor band shell
- Multiplex and Club Sport Fields: multipurpose playing fields (softball, soccer, and flag football)
- Outdoor Pavilion: versatile open-air meeting or picnic area

CRI is divided into seven separate recreational programs: Aquatics, Club Sports, Fitness and Wellness, Informal Recreation, Intramural Sports, Southern Adventures, and the University Wellness Program.

- *Aquatics* is a program for those participants who enjoy swimming, diving, aqua aerobics, or simply relaxing in the pool.
- *Club Sports* are unique student organizations in which the overall functions of the organization are student operated. Club Sports may be organized for instructional, recreational and/or competitive purposes, and offers a way of finding others who share similar recreational interests. Current organized clubs include Aikido, Archery, Badminton, Baseball, Bass Fishing, Bowling, Brazilian Jujitsu, Climbing, Cycling, Disc Golf, Equestrian, Fencing, Inline Hockey, Kendo, Kung Fu, Lacrosse, Racquetball, Rugby, Scuba, Soccer, Softball, Southern Explosion (dance), Table Tennis, Tennis, Tae-Kwon-Do, Ultimate Frisbee, Volleyball, Water Ski, and Wrestling.
- The *Fitness and Wellness Program* promotes health and wellness in many ways. Group Fitness (GF) classes including Yoga, Pilates, traditional aerobic and resistance classes and assist participants in improving their cardio respiratory fitness while also building strength and endurance. Lifestyle and Weight Management workshops provide education for a healthy lifestyle. Personal Training and Fitness Assessment and Nutritional services are available to assist in evaluating fitness levels and providing guidance to reach or maintain fitness and wellness goals.

Massage Therapy is also available to aid in relaxation and stress relief.

- Opening fall 2013, the *Georgia Southern University Golf Course* at University Park will provide the university community expanded recreational opportunities in the form of golf. This 18-hole championship golf course will be open to students, faculty, staff and the community.
- *Informal Recreation* allows participants to engage in a variety of unstructured recreation activities such as basketball, volleyball, racquetball, walking or jogging. CRI also offers items for check-out – free of charge! Some of these items include: hand wraps, boxing gloves, racquetballs, racquets, basketballs, and heart rate monitors.
- *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 variety of skill and competition levels. Participants can compete in a variety of sports including flag football, dodge ball, basketball, indoor/outdoor soccer, swimming, softball, golf, tennis, sports trivia, volleyball, and sand volleyball.
- *Southern Adventures* is the university community's resource for adventure programming. Southern Adventures provides guided backpacking, sea kayaking, canoeing, and cycling trips that range from weekend trips around the southeast to week-longs in Hawaii and California. The equipment rental center provides all the gear needed for embarking on your own adventures. The challenge course is designed to provide exciting, experiential opportunities that focus on leadership, communication, self/group awareness and inter-personal skills. The climbing wall, located in the RAC, allows 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 for outdoor recreation enthusiasts.
- *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, with Wellness Week, which includes the Live Well Fair and Seminar Series, 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 <http://recreation.georgiasouthern.edu>.

Career Services

The mission of Career Services is to guide members of the Georgia Southern University community in establishing career objectives through comprehensive programs which provide opportunities for individuals to learn strategies useful in reaching their career goals. As advisors and catalysts, the Career Services staff assists students with choosing majors, identifying career options, gaining related work experience, and providing guidance in their full-time professional job search strategies through three distinct areas: Career Advisement, Experiential Education, 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, computerized career assessments, investigation of careers through a comprehensive collection of literature, and computerized resources located in our Career Resource Center.

Acquiring relevant work experience during college increases a student's marketability in his/her chosen career. Experiential Education enables students to gain relevant professional work experience in which they can apply to the world of work their analytical reasoning, critical thinking and writing skills, and the theoretical practices acquired in their major area of study. Our Cooperative Education program allows students to gain relevant experience associated with their academic major on a work-study rotation. Internships are another excellent way to gain valuable experience. Career Services serves as a clearinghouse to assist students in identifying possible internship sites and to work collaboratively with department internship coordinators, faculty, staff, and employers. Externships are designed for students who did not acquire relevant work experience during their academic career. Job Shadowing, another component of Experiential Education, also assists students in the decision-making process. We recommend that students not only conduct informational interviews, but also shadow a professional in the career they are considering. Observing a professional in the real world environment and day-to-day activities gives students a realistic idea of what to expect when pursuing that career after graduation.

Our professional staff advises and assists students in developing professional skills during their academic career so that they may mount an effective job search campaign prior to graduation. Workshops, class presentations, and the Career Services website prepare students in the areas of effective job search and networking strategies, cover letter and resume development, interviewing techniques, negotiation strategies, and making the transition from college to the world of work. Our department attracts a variety of industries and organizations to recruit Georgia Southern University students and alumni through resume referrals, on-campus interviewing, and employer web-sites located on our homepage. By participating in On Campus Recruiting opportunities, students are able to network with potential employers from business, industry, government, health and human services, and education to inquire about full-time employment upon graduation. Career Services works collaboratively with the academic and local communities to provide all Georgia Southern University students with the tools necessary to be highly marketable and competitive in the job market arena. For more information, please visit our website at: <http://students.georgiasouthern.edu/career/> or call (912) 478-5197.

Counseling and Career Development Center

The Counseling and Career Development Center offers services to students in need of assistance with academic, personal-social, or career concerns. In addition, consultation services are available to faculty who are concerned about students who show evidence of difficulties in the above areas. The center's staff includes ten professionally trained psychologists and counselors who are committed to helping students meet their personal and educational goals.

The center offers personal counseling in areas such as self-esteem, 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 with other students, faculty, and staff.

Career development helps students determine their aptitudes and interests, assess their career-related values, explore career opportunities, and develop strategies to achieve career goals.

Academic counseling enables students to identify their academic obstacles and to improve in the areas of study skills, test anxiety, and time management.

The center's staff offers workshops designed to educate students, faculty, and staff about stress management, dating violence, acquaintance rape, interpersonal relationships, and communication skills. Counseling staff members will conduct specific programs for campus groups or classes by request if notified two weeks in advance.

Counselors are also available to assist faculty who encounter students in crisis. The number to call during regular business hours Monday-Friday, 8 to 5, is (912) 478-5541, or after hours, (912) 478-5234.

University Programming Board (UPB)

University Programming Board is Georgia Southern University's student-led programming board that consists of four Executive Officers, 6 student programming chairs, and fifty board members. This student organization provides programming that allows students to maintain a healthy balance between academic pursuits and social activities. 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 University Programming Board during the fall semester include Weeks of Welcome (WOW), Homecoming, Finals Feast and an annual winter break trip. The Miss Georgia Southern University Scholarship Pageant, outdoor movies, concerts, and Lantern Walk 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 contact the Office of Student Activities in the Williams Center, or visit the website at <http://students.georgiasouthern.edu/upb/>. Also, check us out on <http://www.facebook.com/gsupb>.

Educational Opportunity Programs

The Office of Educational Opportunity Programs (EOP) provides outreach services designed to promote postsecondary educational opportunities for youth. EOP has two programs Talent Search and America Reads that focuses on student academic achievement from Kindergarten to College.

Talent Search provides 800 middle school, high school, and out-of-school youth with the support and assistance needed to complete high school and enter a program of postsecondary education. Eligible candidates must reside in Bulloch, Emanuel,

Jenkins, or Screven Counties; be enrolled in the 6th through 12th grades or be a high school/postsecondary school dropout; be a potential first-generation college student or meet the economic guidelines for low income families; possess the potential to be successful at the postsecondary educational level; be at least 11 years of age, or be a veteran, regardless of age.

America Reads is a Federal Workstudy program that promotes literacy for elementary school age children. College students at Georgia Southern serve as tutors for students in Bulloch County Schools. Students eligible for Federal Workstudy may use their award by tutoring up to 10 hours per week at a participating school.

Talent Search is funded by the U.S. Department of Education and is administered by Georgia Southern University, Division of Student Affairs and Enrollment Management. For further information about Talent Search and America Reads, visit the Educational Opportunity Programs in Room 1026 of the Williams Center, or call 912-478-8746.

Health Services

Georgia Southern University Health Services is a department of Auxiliary Services and the Division of Student Affairs and Enrollment Management. Health Services is also a member of the American College Health Association (ACHA), the Southern College Health Association (SCHA), and is a former recipient of Georgia Southern University's President's Staff Team Award for Excellence in Service to Students. Health Services is nationally accredited by the Accreditation Association for Ambulatory Health Care (AAAHC).

The mission of Health Services is to help Georgia Southern University students achieve the best possible physical and psychological health and to positively impact their long-term health-related behaviors by providing them with high-quality, cost-effective healthcare services, programs, and products. Health Services supports the vision, mission, and strategic initiatives of Georgia Southern University, the Division of Student Affairs and Enrollment Management, and the Division of Auxiliary Services.

Services and programs include primary care, minor surgery, non-operable orthopedics, and IV therapy; men's and women's health care; immunization and allergy injection services; travel medicine services; laboratory services (moderate complexity CLIA certified medical lab); digital radiology services; respiratory therapy services; pharmacy services; an after hour & weekend Nurse Response Call Service; and health education, disease prevention, & wellness promotion programs/services including free HIV counseling and testing.

The Health Center is centrally located on Forest Drive across from Watson Hall near the Centennial Place residence hall complex. Operating hours are 8:00 a.m. to 5:00 p.m., Monday through Friday during semesters. Health Center hours are 10:00 a.m. to 4:30 p.m. when school is not in session. Limited clinic hours are available when school is not in session. As noted above, an after hour and weekend Nurse Response Call Service is available for students by calling the main Health Service phone number (912-478-5641). This service is staffed by experienced registered nurses and nurse practitioners who assist student callers with after hour and weekend referral to the Health Center or Statesboro area medical providers specific to the health care situation; as well as assisting students with general health and

wellness questions, concerns, and issues. The information for all calls made to the Nurse Response Call Service is shared with the Health Center for appropriate student follow-up.

Health Services is available to Georgia Southern students for consultation, examination, diagnosis, and treatment of illnesses and injuries. All Georgia Southern University students are eligible for Health Services. Students enrolled in four (4) or more semester hours prepay the health fee at the beginning of each semester during the registration process when they pay tuition and student fees. This entitles those students to office visits throughout the semester for examination and treatment. Students taking less than four (4) semester hours may choose to pay an office visit fee (same price as the health fee) at the Health Center to receive the same level of medical services as students who pay the health fee at registration. Students who are engaged in off-campus internships, student teaching, or the tuition remission program do not pay the health fee at registration, and must pay the office visit fee separately to receive the services sponsored by this fee. There may be situations requiring out-of-pocket fees for certain medical services that are not covered by insurance or the student health fee. This includes Health Center Pharmacy prescription medications which are typically offered at or below health insurance plan pharmacy coverage co-pays.

A valid Georgia Southern University identification card is required to access services at University Health Services. Insured students should also present a current insurance card to the Health Services staff.

The well trained, experienced Health Services staff includes the following full-time positions: physicians, a physician assistant, nurse practitioners, nurses, administrative and clerical staff, a radiology technologist, a medical laboratory technologist, a certified respiratory therapy technician, a health educator, and an administrator. Health Services also employs part-time personnel in the clerical, health education, pharmacy, and nursing areas of the department.

The relationship between patients and Health Service staff is confidential and we strictly practice this rule of medical ethics. Students are entitled to privacy, within the capacity of the Health Services facility, and confidentiality to the extent of the law. Students may obtain a copy of our Notice of Privacy Practices, which may also be read on our web site. We are proud that our staff consistently receives high ratings for "Confidentiality" on our patient satisfaction surveys.

Some students may have medical conditions that require referral to other healthcare providers or specialists for consultation and/or treatment. All expenses related to the medical services of referred providers are the responsibility of the student. In addition, students may at any time choose to use other medical providers at their own expense.

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, Health Services has arranged for a Student Accident and Sickness Insurance Plan. To get an application or for more information about the insurance company or plan, please visit our web site at <http://services.georgiasouthern.edu/aux/departments/health> where you will find a link to the insurance company and their enrollment application form. Health Services provides its

services, programs, and products regardless of students' insurance plan or lack of insurance.

For medical emergencies, contact the Bulloch County Emergency Medical Service (EMS), regardless of the time of day or night. Dial 9-911 if using a campus telephone or 911 if using an off-campus telephone. Georgia Southern University Public Safety may also be contacted at (912) 478-5234 in case of emergencies.

Students who become sick or injured when the University Health Center is closed and feel they cannot wait until it reopens should seek medical treatment at East Georgia Regional Medical Center Emergency Room, which is located a short distance from Georgia Southern University on Fair Road in Statesboro, or at the Immediate Care Center located on Bermuda Run Road directly behind the hospital. All expenses related to emergency and after hours care are the responsibility of the student. Students are encouraged to carry their health insurance card with them at all times.

Students with medical questions or concerns can take advantage of our After Hours Nurse Response Services by dialing (912) 478-5641 after normal business hours and on weekends. Students will be able to speak with qualified triage nurses and nurse practitioners to take care of their medical needs.

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. Please visit our web site for more information about the department, including monthly public health updates by the Medical Director, at <http://services.georgiasouthern.edu/aux/departments/health>.

Immunization Requirements

The Board of Regents of the University System of Georgia requires all new students to provide proof of immunization against Measles, Mumps, and Rubella (MMR); Tetanus-Diphtheria; Varicella (chickenpox); Hepatitis B (three doses of vaccine or positive Hepatitis surface antibody), required of all students who are 18 years of age or younger; and for residents of University Housing, acknowledgement of vaccination against Meningococcal disease, or acknowledgement of information received about Meningococcal disease and declined offer to be vaccinated are required before they are allowed to register for or attend classes at Georgia Southern University.

The Board of Regents has adopted the Centers for Disease Control's recommendation to modify the varicella (chickenpox) requirement and to post additional information about tetanus, diphtheria and acellular pertussis (whooping cough) vaccination, effective January 2007. The change in the varicella requirement mandates that all US born students, born in 1980 or later, as well as all foreign born students, regardless of the year born, are required to provide proof of immunization against varicella. All new students will be required to provide proof of immunization against Tetanus/Diphtheria, and the booster dose must have been received within 10 years prior to matriculation. A combined vaccine booster containing tetanus, diphtheria, and acellular pertussis (whooping cough), known as Tdap, is preferred, but Td is acceptable.

Students are urged to acquire these immunizations, before arriving at Georgia Southern; however they may also be

obtained at the University Health Center. All new students (freshmen, transfer, and graduate) are required to complete the Certificate of Immunization form. This form can be accessed through the Health Services website.

The following three groups of students are exempt from the immunization policy: (1) those with religious objections, (2) those with bona fide medical reasons supported by appropriate documentation from the attending physician, and (3) those who are active military and provide proof of such. These three groups would be restricted from all campus premises in case of an outbreak of vaccine-preventable diseases, such as measles, mumps, rubella, or varicella.

International students are required to be screened for tuberculosis (TB). Health Services will provide the initial TB screening free of charge to students. Visit the Health Service web site at <http://services.georgiasouthern.edu/aux/departments/health> for more information.

HEALTH SERVICES

P.O. Box 8043

Statesboro, GA 30460-8043

Main Phone: (912) 478-5641

Fax: (912) 478-1893

Immunization Office Phone: (912) 478-0743

Immunization Office Fax: (912) 478-0792

Appointment Office Phone: (912) 478-5484

E-Mail: health@georgiasouthern.edu

Web Page:

<http://services.georgiasouthern.edu/aux/departments/health>

Minority Advisement Program

The Minority Advisement Program (MAP) was established in 1983 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 freshman 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 such areas as academic advisement, financial aid, career counseling, tutoring, and campus orientation.

For more information about programs and services offered through the Multicultural Student Center visit www.georgiasouthern.edu/MSA or visit the Multicultural Student Center on the 2nd floor of the Russell Union Room #2070. You may also contact us at (912) 478-5409 or by email at MSC@georgiasouthern.edu

Multicultural Student Center

The mission of the Multicultural Student Center (MSC) 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

Multicultural Student Center 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 Multicultural Student Center also organizes and promotes campus-wide diversity events which includes but is not limited to: lectures, conferences, trips and leadership workshops. The Multicultural Student Center 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. The Multicultural Student Center also lends great support, advocacy, and informal advisement to the Multicultural Advisory Council (MAC), a group representing multicultural student organizations at Georgia Southern.

For more information about programs and services offered through the Multicultural Student Center visit www.georgiasouthern.edu/MSA 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 mca@georgiasouthern.edu.

Off-Campus Housing Programs

Off-campus Housing strives to act as a resource for students that live off-campus. Off-campus Housing is a division of the Office of Student Activities. Housing is the responsibility of the student. The Office of Student Activities does not approve, license, or inspect properties. Services provided by the Office of Student Activities include facilitating housing fairs and providing information to off-campus properties about campus programming as well as a searchable database of local rental properties. Additional information is available by calling our office at (912) 478-7270 or through the web at <http://students.georgiasouthern.edu/sac/housing>.

Office of Student Conduct (Philosophy)

The Office of Student Conduct emphasizes a developmental approach toward discipline that is both educational and proactive and allows for maximum student growth. It is an integral part of the educational mission of Georgia Southern University and the Division of Student Affairs and Enrollment Management. The office embraces the concept of a student-centered university. A student-centered university is characterized by civility, respect, cooperation, responsibility, and understanding among all members of the campus community. It conveys high expectations for appropriate behavior and is designed to assist students in the development of an informed set of values, ethics, and beliefs. A student-centered university facilitates student's progression from campus life through graduation as competent contributors to society. As members of the campus community, students, faculty, and staff are encouraged to actively support:

- Academic integrity and honesty in the classroom.
- Ethical behavior in all aspects of University and community living.
- Civil discourse among all members of the campus community.
- A climate of trust, openness, and freedom of ideas.

- Transcultural environments, recognizing the differences in ethnic and cultural backgrounds and a greater understanding of issues related to gender.

For additional information, call the Office of Student Conduct at (912) 478-0059 or visit the web at <http://deanofstudents.georgiasouthern.edu/conduct>.

Southern's Orientation, Advisement, and Registration (SOAR)

Once accepted for admission, all undergraduate students must attend Southern's Orientation, Advisement, and Registration (SOAR). **SOAR is a mandatory program for all new students (freshmen and transfers)** which assists with their transition to University life and provides academic advisement, an opportunity to register for classes, *The Eagle Eye: New Student Handbook*, and other resource materials. Parents are invited and encouraged to attend SOAR. There is a fee for both students and parents to attend SOAR. Accepted students may complete an online orientation reservation, which can be found on the Office of Orientation's website, <http://admissions.georgiasouthern.edu/orientation/>.

For Fall Semester enrollment, freshman students can attend one of eight two-day SOAR sessions during the months of June and July. Transfer students can attend one of two one-day SOAR sessions during the months of June and July. For more information about SOAR contact the Office of Orientation at (912) 478-SOAR, orientation@georgiasouthern.edu, or visit the website at <http://admissions.georgiasouthern.edu/orientation/>.

Student Leadership & Civic Engagement

Come visit the Office of Student Leadership & Civic Engagement in the Russell Union Suite 1056, visit our website at <http://www.georgiasouthern.edu/LeadServe>, call us at (912) 478-1435, or contact us via email at leader@georgiasouthern.edu.

The Office of Student Leadership & Civic Engagement serves to advance the leadership potential and civic engagement of Georgia Southern students. Our mission, guided by the principles of transformational leadership, is to integrate learning, service, and leadership to empower students to become active, global citizens who lead with a lifelong commitment to service. 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 programs provided by the Office include:

- **Southern Leaders Program** - A comprehensive, four phase leadership development experience built on a model of Transformational Leadership and focusing on self, collaborative, and community leadership. Integrating the core concepts of service and leadership, the program features a leadership mentoring or internship experience and culminates with a leadership legacy project. Upon completion of all program requirements, participants earn a Leadership and Service seal for their diploma.
- **Community Liaisons Program** - A service-learning and civic 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 receive training in the theory and practice of service-learning to work with faculty to create and manage service-learning experiences within academic courses.
- **SOLD Workshop Series** - The Office coordinates a weekly leadership workshop series for students who have an interest in developing their leadership skill sets.
- **Southern Collegiate Leadership Conference** - The office organizes the annual Southern Collegiate Leadership Conference hosted on Georgia Southern's campus. The conference is designed for both students in leadership positions and students looking to advance their leadership skills.
- **LEAD 2031: Principles of Leadership** - This three credit-hour academic course is an opportunity for students to gain a foundation in leadership studies while building leadership skills to enhance success in both personal and professional life.
- **Alternative Break Trips** - Offered in December/January, March, and May, these low-cost trips offer students the opportunity to spend their breaks investing their lives in service to others.

Student Media

Georgia Southern's Office of Student Media produces a student newspaper (The George-Anne) published Tuesdays and Thursdays during the academic year, a glossy general interest magazine (The Southern Reflector), and a semi-annual magazine of the arts (The Miscellany Magazine of the Arts). In addition, Student Media supports a comprehensive website with stories, photos, visitor feedback and a community calendar. Two student groups—Production Services and Advertising/Distributing Services (ADS)—provide technical, design and business support for the department. Student Media also publishes the official guide to orientation, Our House, along with a graduation edition (Lantern Walk). The Student Media Advisory Board serves as a panel that also provides oversight to Student Media operations. The mission of Student Media is educational, providing students a real world laboratory modeled on professional media operations in which students serve and interact with the university community on a daily basis. Additionally, Student Media provides a written historical record of life on campus and provides news, information and entertainment within a designated public forum for exchange of ideas. Student Media's mission is two-fold: train the journalist of tomorrow while informing the students of today. For more information, contact the Office of Student Media, P.O. Box 8001, Room 2022 Williams Center, Statesboro, GA 30460, call the office at (912) 478-7459, visit the web site at <http://www.TheGeorgeAnne.com>.

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 and over 300+ student organizations, Georgia Southern University promotes this growth. Current student organizations range from academic, social fraternities and sororities, honorary, political, multicultural, professional,

recreational, religious, residence halls, service and philanthropy, special interest, student governance, international, and production and performance. 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 <http://students.georgiasouthern.edu/sac/studentorgs>.

The supervision and coordination of student activities and organizations 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 warrant existence and recognition, 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, 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, (912) 478-7270 or visit them in the Williams Center.

Student Government Association

The Student Government Association is the central student organization on campus. Its five executive officers - President, Executive Vice President, Vice President for Academic Affairs, Vice President for Finance, and Vice President for Auxiliary Affairs - are 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 or access their website at <http://students.georgiasouthern.edu/SGA>.

Office of Fraternity and Sorority Relations

The Office of Fraternity and Sorority Relations is an active part of student life on campus. Approximately 11 percent of full time undergraduate students are members of 22 fraternities and 11 sororities. 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 Relations at (912) 478-5185 or access their website at <http://students.georgiasouthern.edu/greeklife/>.

The University Store

As the official campus store, The University Store of Georgia Southern provides the products, services and programs that support student success. At The University Store, students enjoy the convenience of one-stop shopping in a dynamic Georgia Southern environment. The Eagle-centric shop sells licensed apparel, home décor and gift items to suit every Southern fan's needs.

The University Store offers all required textbooks and is a trusted campus resource for course materials and technology. Selling both new and used textbooks and offering rental programs gives students multiple purchasing options.

Having an everyday Buy Back program is another way The University Store puts cash back in the hands of students. If a book is required for a course the following semester, The University Store will pay up to 66% the book's retail value unless a buying quota has already been met. The University Store understands the expense of a quality education and through Buy Back, rental and used book programs is working to drive down the costs of textbooks and course materials.

Because The University Store is owned and operated by Georgia Southern University, store profits are reinvested back into the campus, providing financial support for facilities and programs benefitting students. For shopping convenience or questions, The University Store is available 24 hours a day, seven days a week at gsustore.com.

Academic Information

The following information pertains to undergraduate students. Graduate students, please reference the graduate catalog.

General and Academic Information

Calendar

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. Fall, Spring, and Summer term calendar information can be found at <http://em.georgiasouthern.edu/registrar/resources/calendars/>.

Credit Hours

The semester hour is the unit of credit in any course. It represents a recitation period of one fifty-minute period per week for a semester. A course meeting three fifty-minute periods per week or two seventy-five minute periods per week when completed satisfactorily will thus give credit for three semester hours. Two laboratory or activity periods are the equivalent of one recitation class period.

Classification

Students are classified at the beginning of each semester on the following basis:

Freshmen	0 - 29.99 hours earned
Sophomores	30 - 59.99 hours earned
Juniors	60 - 89.99 hours earned
Seniors	90 or more hours earned

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 15 to 18 hours. Twelve or more hours is considered a full-time load for undergraduate students. A student must take 6-8 hours to be considered a half time student. An advisor may approve an overload for 19-21 hours. The Dean of the College in which the student's major is found may approve an overload for 22-23 hours. Under extraordinary circumstances, a student's dean may recommend to the Provost that a student be allowed to take more than 23 hours, but never more than 25 hours. Students are allowed to take no more than seven (7) semester hours during Term A, B, D, and E. No more than 12 semester hours during the Long Term or a combination of concurrent terms. During the summer semester, an undergraduate student must receive approval from his/her advisor to enroll in more than 12 hours.

Registration Time Tickets and RANs

Undergraduate students are allowed to register on Georgia Southern University's web system, WINGS (Web Interactive Network for Georgia Southern), 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 institution cumulative hours earned. Students may view their time ticket on WINGS by going through their MyGeorgiaSouthern account. A student's time ticket on WINGS

is found by first clicking on the "Student Records" 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 University registers for classes on WINGS, he/she must have a RAN (Registration Access Number). This number will be given to each student by the appropriate academic advisor during advisement each semester. Post Baccalaureate students who have declared a major will receive their RAN from their academic advisor. Any Post Baccalaureate student who has not declared a major (undeclared) will get their RAN from their MyGeorgiaSouthern account. Also, transient students will get their RAN from their MyGeorgiaSouthern account.

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 "V" (audit) is entered on the student's record. The student will be responsible for all fees charged for the audited course.

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 (on-line) classes. 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 web form available at <https://my.georgiasouthern.edu/> to avoid being dropped from the course. In lieu of contacting the instructor or completion of the web form, students may also call (912) 478-0735, or (912) 478-5152.

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 whose military obligations require their absence from class for more than the first day may seek an exemption from the

class attendance policy. Students requesting an exemption should fax their military orders to the Associate Provost at (912) 478-5279 along with a request for an exemption prior to the start of the first week of classes. Working with the appropriate Associate Dean, the Associate Provost will ensure that the student's instructors are contacted and made aware of the request for an exemption. Instructors will carefully consider all such requests and base their decision upon the course attendance policies and the student's ability to catch up on missed course materials upon his or her return.

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.

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. The form is available on the following website <http://academics.georgiasouthern.edu/provost/pdf/final.doc>.

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:

<http://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 to 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** <http://academics.georgiasouthern.edu/provost/pdf/final.doc>.

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. <http://em.georgiasouthern.edu/registrar/students/degreeworks>

Transient Students

Georgia Southern University students (with a 2.0 Georgia Southern total institution 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 better;
2. Student must complete a Transient Form (available in the Registrar's Office or at <http://em.georgiasouthern.edu/registrar/students/forms/>) obtaining the approval of his/her advisor and the Registrar;
3. If the student is within the last 30 hours of graduation, the student must also obtain the written approval of his/her 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 University'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 make application to the school he/she wishes to attend;
10. International transcripts require an official comprehensive course-by-course evaluation provided by one of the following or an alternative credentials agency: World Education Services <http://www.wes.org/> or Josef Silny and Associates, Inc. <http://www.jsilny.com>.

Note: Courses taken as a transient will not be calculated in the Georgia Southern University GPA. However, transient work may affect a student's eligibility for graduation with honors.

Grading Systems

All institutions of the University System of Georgia 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:

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	Withdrew Failing	0.0

*See "W" grade description for more details about the assigning of the "WF" grade.

The following symbols are approved for use in the cases indicated, but will not be included in the determination of the grade point average:

Symbols	Explanation	Grade Points
I	Incomplete	0.0
IP	In Progress	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	Withdrew	0.0
WM	Withdrew Military	0.0

Symbols Explanation

I An incomplete grade ("I") indicates that the student was doing satisfactory work but was unable to meet the full requirements of the course due to non-academic reasons. It is the student's responsibility to contact the instructor to complete the remaining requirements of the course. The instructor is responsible for keeping a record of all "I" grades assigned and the justification as to why the professor assigned the student the "I" grade. An "I" should be removed during the following semester, but the instructor may allow the student up to one calendar year to remove the incomplete. The student must complete the requirements of the instructor who assigned the incomplete and should not re-register for the course. If the "I" is not satisfactorily removed by the end of the third semester (one calendar year), it will be changed to an "F" by the Office of the Registrar. 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 became 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 not eligible.

IP This symbol indicates that credit has not been given in 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 and thesis hours and project courses. With the exception of Learning Support courses, this symbol **cannot** be used for other courses. This

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.

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.

S This symbol indicates that credit has been given for completion of degree requirements other than academic course work. The use of this symbol is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, and proficiency requirements in graduate programs. Also, this symbol is used for mid-term grades for freshmen and indicates that performance at mid-term is equivalent to a "C" or better grade. An "S" is not included in the computation of the GPA.

U This symbol indicates unsatisfactory performance in an attempt to complete degree requirements other than academic course work. The use of this symbol is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, and proficiency requirements in graduate programs. Also, this symbol is used for mid-term grades for freshmen and indicates that performance at mid-term is equivalent to less than a "C" grade. A "U" is not included in the computation of the GPA.

V This symbol indicates that a student was given permission to audit the course.

W This symbol indicates that a student was permitted to withdraw without penalty. It is assigned when a student withdraws before the last day to withdraw without academic penalty, unless the student has reached his/her maximum of five withdrawals. If the student has reached his/her maximum withdrawals of five, a "WF" will be assigned by the Office of the Registrar. A "W" is not considered in computing the GPA. If a student withdraws from all classes after the last day to withdraw without academic penalty, it is recommended to the instructor that he or she assign a "W" if passing at the time of withdrawal. If a "W" grade is not assigned by the instructor, a "WF" grade will be posted by the Registrar's Office. If the student has reached his/her maximum withdrawals of five, a "WF" will be assigned by the Office of the Registrar for all withdrawn courses. All WF grades posted will be calculated in the student's GPA as an "F". Also, this symbol is used for the courses of students who were withdrawn administratively for non-payment of fees at the end of the semester.

WM A "WM" grade indicates that the student was called for active duty in the military and withdrew from all classes. See "Military Withdrawals" for further information.

Other Transcript Designations

Symbols	Explanation
#	Academic Renewal (Forgiveness) Policy - not used in calculating total institution GPA
*	College Preparatory Curriculum (CPC) - not used for graduation
%	Institutional Credit - No Earned Hours - not used in calculating GPA

CR	Credit earned through military experience - not used in calculating GPA
T	When after a grade, used to designate transfer credit
N	When after a grade, used to designate transfer credit - No credit awarded

S/U Grading Option

Students may select the S/U grading option under the following conditions:

1. Student must have earned 67 semester hours of credit 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 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 a memo specifying this approval to the Registrar's Office.

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 semester.

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 fourteen working days after the first day of class of the semester which immediately follows the semester for which the grade is 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 and Enrollment Management recommended by the Vice President for Student Affairs and Enrollment Management

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.

Early Alert/Midterm Grades

Georgia Southern faculty report to freshmen students (who have earned 29 hours or fewer) their progress in each of their classes prior to mid-term. By using this very important academic and retention tool, it is hoped that members of the University will be able to intervene earlier with students so that they may be successful in their courses.

Faculty will assign students with fewer than 30 hours one of the following early alert/midterm grades:

S	Satisfactory
U	Unsatisfactory
UA	Unsatisfactory attendance
UG	Unsatisfactory grade(s)
UP	Unsatisfactory class participation
UAG	Unsatisfactory attendance and grades
UAP	Unsatisfactory attendance and participation

UGP Unsatisfactory grades and participation
 UAGP Unsatisfactory attendance, grades and participation

A grade of "S" will indicate that the student is doing the equivalent of "C" or better work, while a grade of "U" will indicate that the student is doing less than "C" work. Progress may be determined by any and all means of evaluation (e.g., tests, quizzes, written assignments, class participation, attendance, or a combination). Faculty are able to submit progress grades through WINGS using a Progress Report Grade Roster, which lists only the freshmen enrolled in the class. Freshmen are able to view their progress grades in their WINGS student account as soon as the instructor enters the grade. (To view midterm grades, select "Student Records." Click "Student Records" again and choose "Early Alert/Midterm Grades" to view the grades assigned for all courses.)

Freshmen who receive unsatisfactory progress grades are advised to seek the counsel of their instructor and advisor to determine a plan for intervention, which should help students be successful in their classes. The intervention strategies may include workshops in the Academic Success Center, tutoring sessions, individual tutoring, enrollment in a tutorial class, assistance from the Student Disability Resource Center or Counseling Center, or withdrawing from the course if that is deemed necessary. See "Withdrawing from a Course" section below.

Grade Point Average (GPA)

The grade point average is the grade average on all work for which the student is enrolled excluding remedial and institutional credit. It is obtainable by dividing the total number of grade points earned by the total number of semester hours attempted (GPA hours). The total institution GPA is based only on the course work done at Georgia Southern University and does not include transfer course work. To calculate your GPA, go to the Office of the Registrar website at <http://students.georgiasouthern.edu/registrar/> and click on "Calculate Your Projected GPA".

The total institution GPA is used for determining a student's academic standing. Also, undergraduate students must maintain a 2.0 total institution grade point average to be considered in good academic standing. 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 institution grade point average all grades will be used. Students should be aware that all grades earned at Georgia Southern University 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.

Policy for Limiting Individual Course Withdrawals

Undergraduates at Georgia Southern University may withdraw from a maximum of five 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 University count toward the maximum number of withdrawals. Withdrawals incurred prior to the implementation date (Fall 2009) will not count toward students' number of allowed withdrawals. Transfer students, irrespective of their classification upon enrolling at Georgia Southern, are also limited to five withdrawals at Georgia Southern.

Exceptions

Automatic exceptions are as follows:

- Withdrawals from courses taken during Summer semester do not count toward the maximum of five withdrawals.
- Withdrawals are automatically exempt from the maximum number of withdrawals when students withdraw from all classes for military or medical reasons that are documented and approved by the Registrar's Office or the Counseling and Career Development Center, respectively.

Petitions for exception based on other circumstances are heard in the following manner:

- In cases where students completely withdraw from the University for reasons not covered by the second bullet above, students may petition in writing to the Dean of Students (or the dean's designee) to have these courses exempted from the total number allowed by completing the form at <https://www.sta.georgiasouthern.edu/Axiom/Login.aspx?SourceID=31>.
- 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.

Nothing in this list of exceptions affects a student's existing responsibilities for course fee payment or a student's financial aid status.

Withdrawing from a Course

Withdrawing from a course after the last day of registration (Drop/Add) can be done by either submitting a withdrawal via WINGS or completing a "Course Withdrawal" form and submitting it to the Registrar's Office prior to midnight on the last day to withdraw without academic penalty (this date is published in the University Calendar for each semester). For assistance with withdrawing from a course, contact the Registrar's Office in the Rosenwald Building. The office is open Monday-Friday from 8:00 a.m. - 5:00 p.m. Before withdrawing from a class, it is important that you speak with your instructor, academic advisor and financial aid counselor. While there can be good reasons for withdrawing from a course after drop/add is over, withdrawing is often not the best option for students. Your chances of success in the course may be better than you think. You should also know the consequences of withdrawing from a course for your degree program and financial aid. Again, contact your instructor, your academic advisor and your financial aid counselor before taking this step. Any student who registers for a course must either complete course requirements or officially withdraw before the last

day to withdraw without academic penalty. An "F" will be assigned to any student who discontinues attending class without officially withdrawing from the course before the last day to withdraw without academic penalty. Beginning Fall 2009, all undergraduate students will be limited to a total of five withdrawals during their academic enrollment at Georgia Southern University. See "Policy for Limiting Individual Course Withdrawals" for more details. With the proper procedures followed by the student, a "W" grade will be issued for any course withdrawn from after the Drop/Add period but before the last day to withdraw without academic penalty; if the student has not met his/her withdrawal limit of five (5) classes. Fees will not be reduced if the course is withdrawn from after the Drop/Add dates.

Withdrawal from School

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. Both forms are available at <http://em.georgiasouthern.edu/registrar/students/forms/>. 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, unless the student has reached five withdrawals, then a "WF" will be assigned. If the withdrawal is completed after the last day to withdraw, instructors are given the option of assigning "W" or "WF" grades. If the instructor does not assign a withdrawal grade, the Registrar's Office will post a "WF" grade for the course. 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.

Medical Withdrawals

Students may petition for a medical withdrawal from the University to the Director of the Counseling Center when significant physical or psychological impairments beyond the student's control interfere with the ability to meet academic requirements. Students wishing to petition for such a voluntary, medical withdrawal should contact the Counseling Center. Medical withdrawals are not permitted after the term is completed (last day of classes). Medical withdrawals are exempt from the Limited Withdrawal policy.

Military Withdrawals

A student who is called to active duty to serve in the military while attending courses at Georgia Southern University 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 term. A 100% refund is issued. The student will receive "WM" grades for all courses that he/she 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 contact the Office of the Dean of Students or go online and 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 Limited Withdrawal Policy.

Petition to Withdraw from a Specific Course (Without Penalty)

In every case in which a student withdraws from a course before the last day to withdraw without academic penalty, a "W" is assigned; unless the student has met his/her withdrawal limit of five (5) classes. No petition is involved. Simply complete a "Course Withdrawal" form through the Office of the Registrar or withdraw from the course via WINGS. For a student to withdraw without academic penalty from individual courses after the last day to withdraw without academic penalty, the 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. This form may only be obtained from the Office of the Registrar. All students who have met their five (5) maximum withdrawals will not be given the option to use this form to withdraw from any courses.

Retroactive Withdrawal

A student who wishes to leave the University for nonacademic reasons is expected to withdraw during the current semester as described above. 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 debilitated 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.

Transcripts - Ordering via fax, mail, or web

Former students as well as current students may fax a completed and signed, Transcript Request Form to (912) 478-1448 or mail to: Georgia Southern University, Office of the Registrar, P.O. Box 8092, Statesboro, GA 30460. Also, current or recently enrolled Georgia Southern students may order transcripts via the web at <https://www.my.georgiasouthern.edu> in WINGS. Select "Student," then "Student Records" again. Complete the request form "Request Printed/Official Transcript." **Telephone requests will not be honored.** One week must be allowed for processing a transcript request. There is no charge for transcript services.

Students may print unofficial transcripts from their WINGS (Web Interactive Network for Georgia Southern) account by selecting “Student Services” then “Student Records.” Go to “View Academic/Unofficial Transcript” to print your unofficial transcript.

Academic Policies

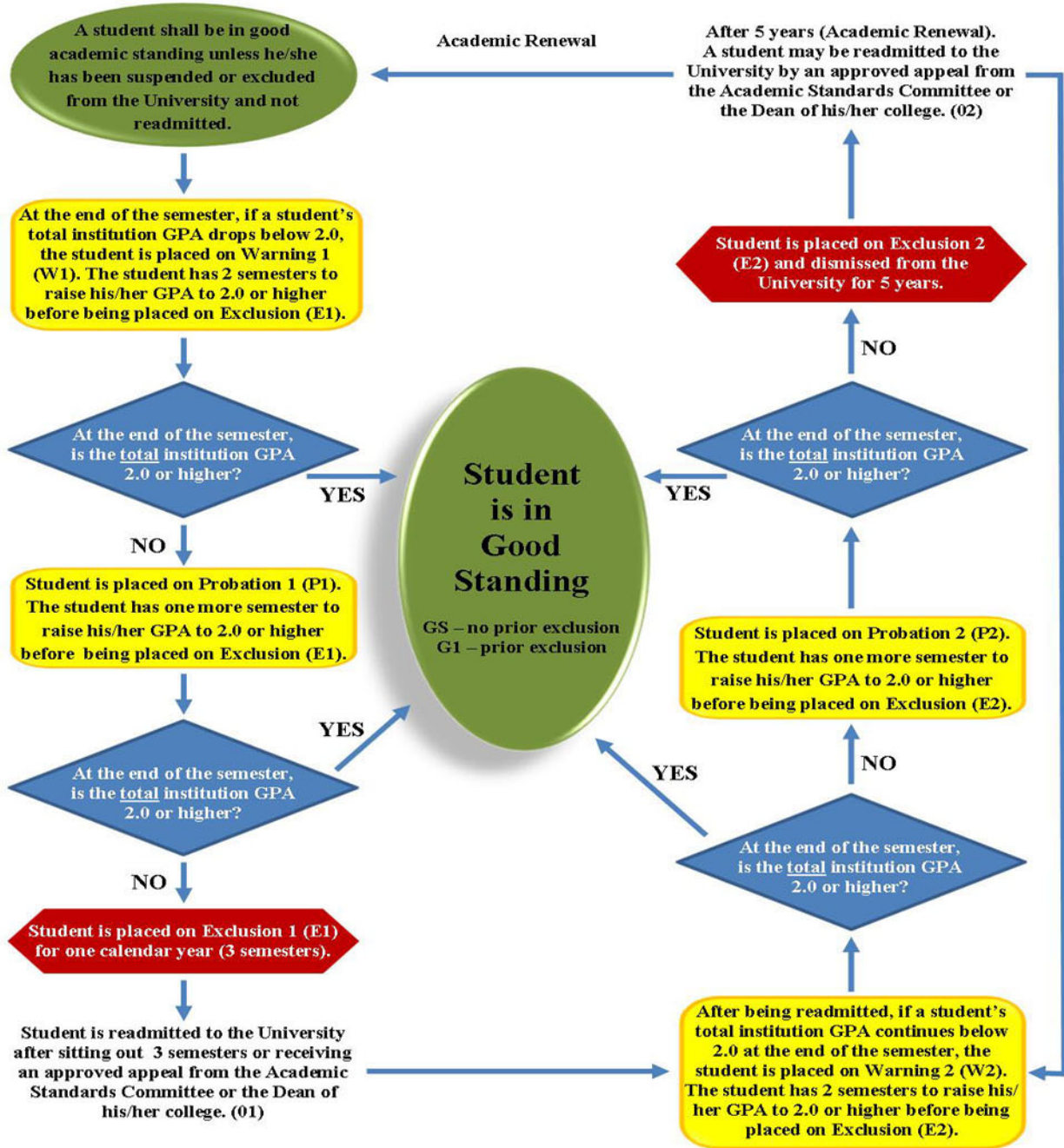
Fall semester 2011, Georgia Southern University implemented a new Undergraduate Academic Standing Policy. A student shall be in good academic standing unless he/she has been suspended or excluded from the University and not readmitted. At the end of Fall 2011 semester, all students whose total institution GPA was below 2.0 were placed on Warning 1 (W1) at the beginning of their next semester of enrollment. Key parts of the new policies are as follows:

1. Academic standing will be determined by coursework completed at Georgia Southern University; transfer credit will not be considered.
2. All students will be allowed one approved appeal to the Academic Standards Committee or Dean of his/her college beginning Fall semester 2011.
3. **Any student (including transfer hours) with 30 or fewer overall earned hours whose total institution GPA is below 2.0 at the end of a semester will be placed on Academic Intervention and will be required to meet certain restrictions in order to enroll, including:**
 - a. Enrolling in GSU 1120 - Methods of Learning, until satisfactorily (grade of “S”) completed or a 2.0 total institution GPA is earned
 - b. Restricted enrollment of 14 credit hours while enrolled in GSU 1120
 - c. Meeting regularly with an advisor
4. **A student whose total institution GPA falls below 2.0 at the end of a semester will be subject to the new Academic Standing policy:**
 - a. **Warning 1 (W1) - notice that academic probation and subsequent exclusion from the University will follow unless the quality of academic work improves**
 - Imposed at the end of the first semester of enrollment in which the student’s total institution GPA drops below a 2.0 GPA
 - A student on Warning 1 (W1) will be allowed to continue a maximum of two semesters of enrollment before being placed on Exclusion (E1) if his/her total institution GPA does not reach 2.0 or higher.
 - A student who raises his/her total institution GPA to 2.0 and later earns a total institution GPA below 2.0 will again be placed on Warning 1 (W1).
 - b. **Probation 1 (P1) - notice that Exclusion (E1) from the University will follow unless the quality of academic work improves**
 - Imposed when a student on Warning 1 (W1) does not raise his/her total institution GPA to 2.0 or higher by the end of the Warning 1 (W1) semester
 - A student on Probation 1 (P1) will be allowed to continue one semester of enrollment before being placed on Exclusion (E1) if the total institution GPA does not reach 2.0 or higher.
 - A student who raises his/her total institution GPA to 2.0 and later earns a total institution GPA below 2.0 will again be placed on Warning 1 (W1).
 - c. **Exclusion 1 (E1) - imposed when a student with a Probation 1 (P1) Academic Standing does not raise his/her total institution GPA to 2.0 or higher by the end of the Probation 1 (P1) semester**
 - Exclusion 1 (E1) allows the student to reflect on his/her academic status
 - Exclusion 1 (E1) is for one calendar year (three semesters)
 - Appeals to Exclusion 1 (E1) may be submitted to the Academic Standards Committee; if denied, appeals must be made through the Dean of a student’s college.
 - If a student earns a 2.0 or better GPA for the last two semesters before Exclusion 1 (E1), the student will be allowed to continue enrollment for the following semester without submitting an appeal. His/her registration will not be canceled; *however, this exception will count as the one and only approved appeal.*
5. **A student will be allowed no more than one approved appeal to the Academic Standards Committee or Dean of his/her college.**
 - a. If an appeal is approved, the student will be readmitted to the University.
 - b. Once readmitted, a student will be allowed to continue a maximum of three semesters of enrollment if his/her total institution GPA remains below 2.0.
6. If a student is readmitted after being placed on Exclusion 1 (E1), his/her academic standing will be Warning 2 (W2) if the total institutional GPA does not reach 2.0 or better by the end of his/her first semester of re-enrollment.
 - a. Warning 2 (W2)
 - Serves as notice that Academic Probation and subsequent Exclusion from the University will follow unless the quality of academic work improves.
 - After a student on Exclusion 1 (E1) has been readmitted, he/she will be placed on Warning 1 (W2) at the end of the first semester if the total institution GPA remains below 2.0.
 - A student will be allowed to continue a maximum of two semesters of enrollment before being placed on Exclusion 2 (E2) if his/her total institution GPA does not reach 2.0 or higher.
 - A student who raises his/her total institution GPA to 2.0 and later earns a total institution GPA below 2.0 will again be placed on Warning 2 (W2).
 - b. Probation 2 (P2)
 - Serves as final notice that Exclusion 2 (E2) from the University will follow unless the quality of the academic work improves.
 - A student on Warning 2 (W2) who does not bring his/her total institution GPA to 2.0 or higher at the end of the semester will be placed on Probation 2 (P2).
 - After being placed on Probation 2 (P2), a student will be allowed to continue only one semester before being placed on Exclusion 2 (E2) if the total institution GPA remains below 2.0.
 - A student who raises his/her total institution GPA to 2.0 and later earns a total institution GPA below 2.0 will again be placed on Warning 2 (W2).

- c. A student on Probation 2 (P2) whose total institution GPA does not reach 2.0 or higher by the end of the semester will be placed on Exclusion 2 (E2), the final exclusion imposed on a student who has previously been excluded.
- The student is dismissed from Georgia Southern University for five years.
 - Appeals to continue before five years have passed are approved only in extraordinary circumstances.
 - Appeals must be filed within three semesters of being placed on Exclusion 2 (E2).
 - Appeals are allowed *only if* the student has not received an approved appeal previously.
 - Appeals must be made to the Academic Standards Committee or Dean of a student's college.
 - If a student makes a 2.0 or better for the last two semesters before Exclusion 2 (E2), the Academic Standards Committee will approve for the student to continue without submitting an appeal only if the student did not receive an approved appeal after Exclusion 1 (E1).

Academic Policies Chart

New Academic Standing Policy
Beginning Fall Semester 2011



Revised 11/1/11

Academic Renewal Policy

The Academic Renewal policy allows students who are enrolled in the University System of Georgia to have a fresh start if they have had academic difficulties in the past. The student must re-enroll at the same institution in which he/she experienced the problems and must not have attended any post-secondary institution for at least five calendar years prior to re-enrolling.

Former Learning Support students may not apply for Academic Renewal unless they had successfully completed all Learning Support requirements during their previous enrollment.

1. All previously attempted course work will continue to be recorded on the student's official transcript. The student's Regents' GPA will include all credit courses taken excluding Learning Support courses. Any scholastic suspensions or exclusions that occurred in the past shall remain recorded on the student's permanent record.
 - a. Students must apply for Academic Renewal and Academic Renewal shall be granted upon application by the student. A student can be granted Academic Renewal status only once. Students should contact the Office of the Registrar to apply for Academic Renewal.
 - b. An Academic Renewal GPA is begun when the student resumes taking course work following the five-year period of absence. A statement will be placed on the student's transcript indicating the Academic Renewal status.
 - c. The Academic Renewal GPA will be used for determining academic standing and eligibility for graduation. At least 50% of work toward a degree must be completed after the granting of Academic Renewal for a student to be eligible for honors at graduation.
 - d. Academic credit for previously completed course work including transfer course work will be retained only for courses in which an "A", "B", "C", or "S" grade has been earned. Retained grades are not calculated in the Academic Renewal GPA but are counted in the Academic Renewal Hours Earned.
 - e. Retained hours earned prior to Academic Renewal may be used to satisfy Georgia Southern's graduation residency requirement.
2. If a student does not request Academic Renewal status at the time of re-enrollment after a five year or greater period of absence from any post-secondary institution, the student may do so by the end of the second semester of re-enrollment or within one calendar year, whichever comes first. The Academic Renewal GPA begins with the first semester following re-enrollment.
3. Re-entry into any program is not automatic.
4. The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.
5. The granting of Academic Renewal at Georgia Southern University will not supersede the admissions requirements of certain programs (e.g., teacher education, nursing) which require a specific minimum GPA based upon all course work.
6. United States and Georgia History and Constitution requirements met prior to the granting of Academic Renewal will remain on the student's permanent record even though the courses may not count in the Academic Renewal GPA. Also, Regents' Test scores prior to Academic Renewal will remain on the student's record. Georgia Southern University will count all hours earned prior to Academic Renewal in

regards to Regents' review classes, College Preparatory Curriculum, and other Board of Regents' Policy requirements.

7. Note for Students Granted Academic Renewal: The granting of Academic Renewal at Georgia Southern University will not supersede the admission requirements to graduate programs as set by the departments and the College of Graduate Studies.
8. Suspended/dismissed students: a student who has been suspended or dismissed from a USG institution and has attended one or more USG institutions during the period of suspension/dismissal is not eligible for Academic Renewal.
9. Non-suspended/dismissed students: a student who has not been suspended or dismissed from a USG institution but who has been absent from that institution five years or more and who has attended a school other than that institution may choose only one of the following options:
 - a. The student may return to the same institution subject to all relevant transfer and re-entry policies. No renewal GPA is calculated, and transfer credit will be granted for applicable courses taken during the absence.
 - b. The student may apply for Academic Renewal. If Academic Renewal status is approved, no transfer credit will be granted for coursework completed during the absence.
10. Any 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 next suspension subjects the student to dismissal.
11. Any currently enrolled student who has experienced an interrupted five year (or longer) period of nonattendance at the institution in which he/she is currently enrolled, may apply for an Academic Renewal GPA.
 - a. For currently enrolled students, there is a one year "window of opportunity" for requesting Academic Renewal status commencing with the effective date of this policy.
 - b. The Academic Renewal GPA will include all coursework taken since re-enrollment.

Learning Support Dismissal

Effective Fall Semester 2012

1. A Learning Support student who is placed on dismissal for failure to exit the Learning Support Program will be excluded for one year.
2. Alternately, a Learning Support student who is placed on dismissal for failure to exit Learning Support may apply for readmission as a transfer student after satisfying Learning Support requirements and completing thirty hours of college-level work with a minimum GPA of 2.0.

Readmission

A student who has been placed on Exclusion 1 (E1) may apply for readmission to Georgia Southern after remaining out for one year (three semesters). After a subsequent Exclusion 2 (E2), a student may apply for readmission after remaining out for five years. A former student application should be submitted to the Registrar's Office for the semester readmission is desired. A student will have to be approved for Academic Renewal (please see Academic Renewal in the Academic Information section) to be readmitted.

Right of Appeal

In all matters concerning Exclusion 1 or 2, the student may appeal by writing to the Registrar and clearly stating the basis for an appeal. The student may appeal after receiving an Exclusion 2 if the student has not received an approved appeal after they received an Exclusion 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 <http://em.georgiasouthern.edu/registrar/students/forms/> and must be submitted electronically. Click "Student", click "Forms", 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 University. Individuals failing to satisfy the deadline may submit their appeal for the following term.

Requirements After Readmission

Following any academic exclusion and a subsequent readmission, a student will be allowed to continue a maximum of three semesters of enrollment before their total institution GPA has to be above a 2.0. At this time the student will be placed on Academic Exclusion 2 if the total institution GPA is not a 2.0 or higher.

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 institution GPA. The total institution GPA will be used to determine a student's academic standing and graduation GPA requirements.

Attending Other Colleges and Universities

The University cannot request another institution to accept a student during any period of ineligibility at Georgia Southern University, but we have no objection to another institution allowing you to attend while on Exclusion 1 or Exclusion 2. No transfer credit will be awarded at Georgia Southern University for credits earned at another institution during any period of academic or disciplinary ineligibility.

President's List

During any term, an undergraduate or post baccalaureate student enrolled in 12 or more GPA hours and making a term GPA of 4.0 will be placed on the President's List. A President's List Certificate will be awarded by the President.

Dean's List

During any term, an undergraduate or post baccalaureate student enrolled in 12 or more GPA hours and making a term 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.

Honors Day - Academic Awards

Each year in April, the University honors outstanding students from all disciplines and areas of college life. The Honors Day Convocation highlights outstanding awards such as "University System Academic Recognition Award", "The Alumni Association Scholarship Award", Outstanding Scholar, selection to the Honor Society of Phi Kappa Phi and other honor societies, and Who's Who Among Students in American Universities and Colleges. In addition, other students receive special awards from departments.

Election to membership in the national Honor Society of Phi Kappa Phi will be made on the basis of the following criteria:

1. A GPA of 3.5 or above with senior classification; 3.7 or above with junior classification;
2. Sound character;
3. Enrollment at Georgia Southern University for at least one year;
4. Juniors elected may not exceed one percent of candidates for graduation that year;
5. Seniors elected may not exceed ten percent of candidates for graduation that year;
6. Graduates elected may not exceed ten percent of students receiving graduate degrees that year.

To be honored for Outstanding Scholar, the student must have earned at Georgia Southern University a total institution GPA of 3.5 or higher. The student must have completed at least 15 semester hours of resident degree credit at Georgia Southern University. This group will include currently enrolled undergraduate students, undergraduate students who have completed requirements for graduation, and baccalaureate students working toward a second degree. These students will be recognized by standing as a group on Honors Day. Seniors who have applied for graduation for the upcoming Spring, Summer, and Fall commencement will receive a certificate for "Outstanding Scholar Graduating Senior with GPA 3.9 or Higher at Georgia Southern" and will be recognized on stage if they meet the following criteria:

- Spring prospective graduates must be enrolled in enough hours Spring semester to reach 60 Georgia Southern University hours at the end of Spring.
- Summer prospective graduates must be enrolled in enough hours Spring and Summer semesters to reach 60 Georgia Southern University hours at the end of Summer.
- Graduates must have a 3.9 GPA or higher at Georgia Southern.

Selections for Who's Who Among Students in American Universities and Colleges will be made on the basis of the following criteria:

1. A institution GPA of 3.0 or above;
2. Campus and/or community leadership;
3. Campus and/or community service;
4. Junior or senior classification.

Any member of the faculty, staff, or student body may nominate candidates for Who's Who Among Students in American Universities and Colleges. Final selections will be made by the Honors Committee from these nominations. These students will be recognized by standing as a group on Honors Day.

Selections for Special Awards will be made by the various organizations and departments in keeping with established criteria.

Any organization wishing to present a new award should make application through the Honors Day Committee. New awards to be presented on Honors Day must be submitted for approval by the Honors Day Committee before the beginning of the previous Fall semester. Criteria and information about the award can be sent to the Office of the Registrar and the coordinator of Honors Day will submit the information to the Honors Day Committee for review.

Graduate Credit for Seniors (Senior Privilege)

A Georgia Southern University senior, within nine (9) semester hours of completing the requirements for the bachelor's degree, may apply for Senior Privilege to enroll in graduate courses (up to a total of nine hours) for graduate credit providing:

- The student submits a Senior Privilege Application Form found at <http://cogs.georgiasouthern.edu/pdf/StudentForms/SeniorPrivilegeApplicationForm.pdf>;
- Permission to enroll in such courses is obtained from the chairperson of the department involved, the appropriate graduate program director, and the 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) semester hours, with no more than nine (9) hours of graduate credit. *Under no circumstances may a course be used for both graduate and undergraduate credit.*

Requirements for All Degrees

Area A1 - Communication Skills (6 Hours Total)

Area A2 - Quantitative Skills (3 Hours Total)

Area B - Global Engagement (4 Hours Total)

Area C - Humanities, Fine Arts, and Ethics (6 Hours Total)

Area D - Natural Sciences, Mathematics, and Technology (11 Hours Total)

Area E - Social Sciences (12 Hours Total)

Area F - Courses Appropriate to Major (18 Hours)

Additional Requirements - Health, Kinesiology, and First-Year Seminar (6 Hours)

Upper Division Requirements and Electives, to total a minimum of 126 semester hours.

Definition of a Major

A major program must include 21 semester hours or more of upper division (junior-senior level) courses in a field of study.

Regents' Exemption Policy

Students enrolled in ENGL 1101/1101H - Composition I or WRIT 1101 - English Composition for Non-Native Speakers who are unsuccessful (grade of "D" or "F") will be placed in designated sections of ENGL 1101/1101H or WRIT 1101 for the following semester to ensure that they can build on the necessary skills needed for demonstrating competence in written communication and critical thinking.

For students enrolled in ENGL 1102/1102H - Composition II who are unsuccessful (grade of "D" or "F") will be required to do one of the following:

1. Enroll in designated M-sections (MyComp Lab) of ENGL 1102/1102H.
2. Enroll in concurrently the following term both ENGL 1102/1102H and WRIT 2430 - Essential Grammar, which will count as an elective in most degree programs.
3. Enroll in ENGL 1102/1102H and attend the University Writing Center or Academic Success Center for three hours per week throughout the semester.

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,

http://academics.georgiasouthern.edu/testing/legislative_exemptions_exams.htm or by receiving a passing grade in certain courses.

The courses and the requirement(s) each course satisfies are as follows:

- POLS 1101/1101H satisfies Georgia Constitution and United States Constitution;
- HIST 2110/2110H satisfies Georgia History and United States History;
- POLS 3330 satisfies Georgia Constitution;
- HIST 4130 satisfies Georgia Constitution and Georgia History.

Equivalent courses taken at other institutions may not meet these requirements. If a student has taken any of the equivalent courses listed above at an out of state college you will not have satisfied the Georgia History or the Georgia Constitution requirement.

Information concerning preparation materials that will prepare a student for the examinations offered by the Testing Office can be accessed at http://academics.georgiasouthern.edu/testing/legislative_exemptions_exams.htm or you may call (912) 478-5415.

Students taking College Level Examination Program (CLEP) tests or Advanced Placement (AP) Program tests for POLS 1101 or HIST 2110 should be aware that credit for these exams will satisfy the U.S. components of the History and/or Constitution requirements. If the AP course was taken at a Georgia High School and credit is awarded, the student will receive credit for satisfying the Georgia components.

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) as follows:

- CLEP for POLS 1101 satisfies United States Constitution
- CLEP for HIST 2110 satisfies United States History
- AP for POLS 1101 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 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 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 <http://academics.georgiasouthern.edu/testing> or call (912) 478-5415.

Other Degree Requirements

Foreign Language Requirements

1. Requirements for Students Subject to CPC (College Preparatory Curriculum)-High School Graduation less than five years ago:
Students graduating from high school are subject to CPC. These students are required to complete two years of the same foreign language in high school to satisfy CPC requirements. If the CPC requirement in foreign language is not met at the time of enrollment, the student must enroll in a first foreign language course (1001) which will not count toward college graduation.
2. Requirements for Students Not Subject to CPC-High School Graduation more than five years ago:
Students graduating from high school more than 5 years ago are not subject to CPC. These students may count the foreign language toward graduation even though they may have completed these levels of the same language in high school.

Students who graduate from high schools outside the United States are not subject to the CPC requirements. Students whose native language is not English and have graduated from a high school in the U. S. and who have not satisfied CPC in high school may take a proficiency exam in their native language and satisfy their CPC requirement if they are proficient at the Elementary II (1002) level of their language.

Foreign Language Degree Requirements

B.A. Degree Requirements in Foreign Languages

B.A. degree students must complete through an Intermediate II course or its equivalent. Equivalence may be demonstrated by one of the following:

1. Secondary school background showing four (4) years or more of preparation in a single language;
2. Taking and passing a placement test which grants credit through the Intermediate II course;
3. Written certification by the Department of Foreign Languages that the student's residence abroad, family background, or other non-academic circumstance has provided the equivalent of Intermediate II proficiency.

Students who continue the language which they began in high school may do one of the following:

- Enroll in Intermediate I (2001) or higher and complete the foreign language sequence through Intermediate II (2002). Students who are admitted with three or more years of preparation in a single language may want to seek higher placement through testing or advisement.
- Take a placement test for credit for Intermediate I (2001) and/or Intermediate II (2002). Students who receive credit

for Intermediate I (2001) but not Intermediate II (2002) may then enroll in Intermediate II (2002).

- Enroll in one or more elementary foreign language course(s) (1001/1002) as well as the two Intermediate level courses (2001/2002). All Accelerated Elementary and Intermediate (1060 and 2060) courses count toward graduation.

The four basic sequence courses (1001, 1002, 2001, and 2002) will count toward graduation for B.A. degree students who take all four courses. The accelerated sequence (1060, 2060) allows students to complete the B.A. requirement in two semesters.

B.S. Degree Requirements in Foreign Languages

B.S. degree students whose programs specify a foreign language or allow for the option of a foreign language must complete through the Intermediate I (2001) course or equivalent. Equivalence may be demonstrated by one of the following:

1. Secondary school background showing three (3) years or more of preparation in a single language;
2. Taking and passing a placement test which grants credit through the Intermediate I (2001) course;
3. Written certification by the Department of Foreign Languages that the student's residence abroad, family background, or other non-academic circumstance has provided the equivalent of Intermediate I proficiency.

Students who continue the language which they began in high school may do one of the following:

- Complete course work through Intermediate I (2001).
- Take a placement test for credit for Intermediate I (2001). Students who are admitted with three or more years of preparation in a single language may want to seek credit for Intermediate I (2001) or higher placement through testing or advisement.
- Enroll in one or more elementary foreign language course(s) (1001/1002) as well as the Intermediate level course Intermediate I (2001). All Accelerated Elementary and Intermediate courses count toward graduation.

B.S. degree students who choose to start a language will take all three basic sequence courses (1001, 1002, 2001) and they will all count toward graduation.

NOTE: Intermediate I (2001) and Intermediate II (2002) may be taken concurrently with permission from the Foreign Language Department.

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 terms before anticipated completion of degree and submit an "Application for Graduation." All degree seeking graduate 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 must be paid and all other financial obligations or "holds" must be satisfied or removed before the end of the term that the student is planning to graduate.
- Students must earn at least 25 percent (30 semester hours) of their degree requirements in residence at Georgia Southern

University. The last 30 semester hours of work must be earned at Georgia Southern University, 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 Registrar prior to the end of the semester at Georgia Southern University.

- For the B.A. degree, a maximum of 30 semester hours of upper division course work in the major may be allowed to count toward the minimum of 126 hours required for graduation.
- For the B.S. degree, a maximum of 40 semester hours of upper division course work in the major may be allowed to count toward the minimum of 126 hours required for graduation.
- At least half of the courses required in the major must be taken at Georgia Southern University.
- At least nine semester hours of the fifteen required in the minor must be taken at Georgia Southern University.
- At least twelve semester hours of the eighteen required in the concentration must be taken at Georgia Southern University.
- A maximum of three semester hours may be taken under the S/U grading system within any minor.
- The total institution cumulative GPA of all courses (at least 126 semester 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. Exemptions will be evidence of competence and shall satisfy the requirement. All students completing ENGL 1101 and ENGL 1102 or their equivalents with a minimum grade of "C" will have satisfied this requirement. This is a requirement for graduation.
- 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 department chair. 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, GSU 1120 - Methods of Learning will not apply to the degree.
- Credit for Military Science (MSCI) Courses will appear on the student's record. For students who are not pursuing a Military Science minor, four of these credit hours, either transfer or resident, may be applied toward the 126 hours required for a degree provided it meets with the approval of the appropriate advisor and department.
- A minimum grade of "C" is required in all Area A1 and A2 courses.
- A maximum of five physical activity courses may be applied to the 126 hours required for a degree.
- Students typically satisfy the requirements for graduation listed in the catalog when they initially enroll at Georgia Southern University. However, with the approval of their advisor, students enrolled Fall 1998 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 1998, students must satisfy semester major requirements. However, if a student has been out of school for ten 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.
- Academic and financial obligations not met before the end of the semester for which a student has applied to graduate will result in the conferring of the degree the following semester, in which these obligations are met.

Second Majors

To have 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

A student, who has been awarded a baccalaureate degree, from Georgia Southern or another accredited institution, may be granted a second baccalaureate degree provided the following conditions have been fulfilled:

1. If the first degree is earned at Georgia Southern a student may seek a second undergraduate degree only if the degree is different from the first degree.
2. The student must satisfy all major requirements listed for the chosen program of study.
3. The student must complete the history and constitution requirements.
4. The student must take a minimum of 30 additional credit hours at Georgia Southern.
5. The student must earn at least 50% of the credits toward the major at Georgia Southern.
6. The requirement of a minor for the B.A. degrees will be waived, if the first degree content area is among the recognized minors at Georgia Southern as listed in the "Minors" section of the Georgia Southern catalog. If the student seeks a B.A. and has not already completed a major or minor recognized by Georgia Southern, the student would be required to complete a minor from the list of approved minors. The minor requirement is also waived for students who hold a B.G.S. from Georgia Southern and are seeking a B.A. degree.
7. The student may work on two degrees at the same time.

Graduation With Honors

Honors are computed in the Registrar's Office 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 University. Hours enrolled 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 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 University.
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. In 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:

Cum Laude	3.5 - 3.69
Magna Cum Laude	3.7 - 3.89
Summa Cum Laude	3.9 - 4.0
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.

Core Curriculum Course Requirements

AREA A1 - Communication Skills (6 Hours Total)

Learning Outcome: Students will demonstrate written competence in adapting communication to specific purposes and audiences.

A minimum grade of "C" will be required in all Area A1 courses.

- ENGL 1101 - Composition I (3)
- ENGL 1102 - Composition II (3) (*Prerequisite ENGL 1101*)

AREA A2 - Quantitative Skills (3 Hours Total)

Learning Outcome: Students will represent, manipulate, and apply mathematical knowledge using analytical, graphical, and numerical approaches.

A minimum grade of "C" will be required in all Area A2 courses.

Select one math course from the following:

- MATH 1101 - Introduction to Math Modeling (3) (*Not a prerequisite for MATH 1112 or MATH 1113*) *
- MATH 1111 - College Algebra (3) **
- MATH 1112 - Trigonometry (3) (*Prerequisite MATH 1111 or equivalent academic background*) *** †
- MATH 1113 - Pre-Calculus (4) (*Prerequisite MATH 1111 or equivalent academic background*)
- MATH 1441 - Calculus I with Lab (4) (*Prerequisite MATH 1112 or 1113 or equivalent academic background*)

*Satisfies Area A2 in CLASS and some CHHS Programs.

**Credit earned for only one of these courses (MATH 1111 or MATH 1101) can count toward graduation.

***Fulfills the MATH 1113 requirement for most majors.

† Credit earned for only one of these courses (MATH 1112 or MATH 1113) can count toward graduation.

AREA B - Global Engagement (4 Hours Total)

Learning Outcome: Students will identify major themes across diverse societies in their historical and cultural contexts and will apply this knowledge through engagement in local and global communities.

- HIST 1112 - World History II: Emergence of the Modern Global Community (3)
- For students entering Fall 2011 or later: FYE 1410 - Global Citizens (1) (*Prerequisite FYE 1220*)
- For students entering before Fall 2011: IDS 2210 - Turning Points and Connections (1) (*Prerequisite HIST 1112*)

AREA C - Humanities, Fine Arts, and Ethics (6 Hours Total)

Learning Outcome: Students will analyze historical and contemporary fine arts or other cultural products from individual and diverse social perspectives.

Students may satisfy Area C by successfully completing requirements outlined below in Option 1 or Option 2.

(Option 1)

Select one literature course from the following:

- ENGL 2111 - World Literature I (3) (*Prerequisites ENGL 1101 and 1102*)
- ENGL 2112 - World Literature II (3) (*Prerequisites ENGL 1101 and 1102*)

Select one humanities/fine arts/ethics course from the following:

- ART 1000 - Art in Life (3)
- COMM 1110 - Principles of Public Speaking (3) (*Prerequisite ENGL 1101*)
- Foreign Language 1001 - Elementary I (3) *
- Foreign Language 1002 - Elementary II (3) *
- Foreign Language 2001 - Intermediate I (3) *
- Foreign Language 2002 - Intermediate II (3) *
- Foreign Language 1060 - Accelerated Elementary (3 of 6) (3 Hours to Area C) *
- Foreign Language 2060 - Accelerated Intermediate (3 of 6) (3 Hours to Area C) *
- HUMN 2433 - Classicism (3)
- HUMN 2434 - Myth in Arts and Humanities (3)
- MUSC 1100 - Music Appreciation (3)
- PHIL 2010 - Introduction to Philosophy (3)
- RELS 2130 - Introduction to Religion (3)
- THEA 1100 - Theatre Appreciation (3)
- UHON 1132 - Inquiry in the Humanities (3)

*Language can be French, German, Japanese, Latin, Spanish, or Yoruba.

(Option 2)

Both of the following humanities courses:

- HUMN 2321 - Humanities I (3) (*Prerequisite or concurrent enrollment in ENGL 1101*)
- HUMN 2322 - Humanities II (3) (*Prerequisites ENGL 1101 and HUMN 2321*)

AREA D - Natural Sciences, Mathematics, and Technology (11 Hours Total)

Learning Outcome: Students will apply foundational principles of science, math, or technology to the process of scientific inquiry.

Select one course from Section I, one course from Section II, and Section III may be satisfied by selecting a course in any of the three sections. Only two courses in the same discipline may be chosen in Area D.

Section I - Traditional Laboratory Science Course (4 Hours)

Select one traditional laboratory science course from the following:

- ASTR 1010 - Astronomy of the Solar System (3) and ASTR 1211 - Astronomy Lab (1)
- ASTR 1020 - Stellar and Galactic Astronomy (3) and ASTR 1211 - Astronomy Lab (1)
- BIOL 1130 - General Biology (3) and BIOL 1110 - General Biology Lab (1)
- CHEM 1145 - Principles of Chemistry I with Lab (4)
- CHEM 1151 - Survey of Chemistry I with Lab (4)
- GEOL 1121 - Introduction to the Earth (4)
- PHYS 1111 - Introduction to Physics I (3) (*Prerequisite MATH 1112 or 1113*) and PHYS 1113 - Physics Lab I (1)
- PHYS 2211 - Principles of Physics I (3) (*Prerequisite MATH 1441*) and PHYS 1113 - Physics Lab I (1)

Section II - Environmental Science with Lab (4 Hours)

Select one environmental science course with lab from the following:

- BIOL 1230 - Environmental Biology (3) and BIOL 1210 - Environmental Biology Lab (1)
- CHEM 1040 - Chemistry and the Environment with Lab (4)
- GEOL 1340 - Environmental Geology (4)
- PHYS 1149 - Environmental Physics with Lab (4)

Section III - Mathematics, Science or Technology Elective (3 Hours minimum)

Select one mathematics, science or technology elective. Course can be chosen from either section I, II or III in Area D.

- ASTR 1000 - Introduction to the Universe (3)
- BIOL 1331 - Insects and People (3)
- BIOL 1333 - From Neuron to Brain (3)
- BIOL 1335 - Plants and Civilization (3)
- CHEM 1030 - Chemistry and Your World (3)
- CHEM 1146 - Principles of Chemistry II with Lab (4) (*Prerequisite CHEM 1145*)
- CHEM 1152 - Survey of Chemistry II with Lab (4) (*Prerequisite CHEM 1151*) (*Pending University System Office Approval*)
- CISM 1110 - Computer Applications (1)
- CISM 1120 - Computer Concepts (2)
- CSCI 1230 - Introduction to BASIC Programming (3) (*Prerequisite Math course*)
- CSCI 1232 - Introduction to FORTRAN Programming (3) (*Prerequisite Math course*)
- GEOG 1111 - Climate and the Landscape (3) and GEOG 1110 - Climate and the Landscape Lab (1)
- GEOL 1122 - General Historical Geology with Lab (4) (*Prerequisite GEOL 1121 with Lab*)
- GEOL 1430 - Dinosaurs, Extinctions, and Disasters (3)
- GEOL 1530 - Principles of Oceanography (3)
- MATH 1112 - Trigonometry (3) (*Prerequisite MATH 1111 or equivalent academic background*)
- MATH 1113 - Pre-Calculus (4) (*Prerequisite MATH 1111 or equivalent academic background*)
- MATH 1232 - Survey of Calculus (3) (*Prerequisite MATH 1111 or MATH 1113*)
- MATH 1441 - Calculus I with Lab (4) (*Prerequisite MATH 1112 or MATH 1113 or equivalent academic background*)
- MATH 2242 - Calculus II with Lab (4) (*Prerequisite MATH 1441*)
- MATH 2243 - Calculus III with Lab (4) (*Prerequisite MATH 2242*)
- PHYS 1112 - Introduction to Physics II (3) (*Prerequisite PHYS 1111*) and PHYS 1114 - Physics Lab II (1) (*Prerequisite or concurrent enrollment of PHYS 2212 or 1112*)
- PHYS 1135 - Physics: How Things Work (3)
- PHYS 2212 - Principles of Physics II (3) (*Prerequisite PHYS 2211*) and PHYS 1114 - Physics Lab II (1) (*Prerequisite or concurrent enrollment of PHYS 2212 or 1112*)
- STAT 2231 - Introduction to Statistics I (3) (*Prerequisite MATH 1101, or MATH 1111, or MATH 1112, or MATH 1113, or MATH 1232, or MATH 1441*)
- STAT 2232 - Introduction to Statistics II (3) (*Prerequisite STAT 2231*)
- TCGT 1530 - Global Sustainability and Innovation (3)
- UHON 1133 - Inquiry in the Natural Sciences (3)

AREA E - Social Sciences (12 Hours Total)

Learning Outcome: Students will examine and articulate how constitutional, cultural, economic, geographic, historical, political, or social forces have shaped and continue to shape an evolving and diverse human experience.

- ECON 2105 - Economics in a Global Society (3)
- HIST 2110 - The United States: A Comprehensive Survey (3)
- POLS 1101 - Introduction to American Government (3)

Select one social science elective course from the following:

- ANTH 1102 - Introduction to Anthropology (3)
- GEOG 1130 - World Regional Geography (3)
- PSYC 1101 - Introduction to Psychology (3)

SOCI 1101 - Introduction to Sociology (3)
UHON 1131 - Inquiry in the Social Sciences (3)

Additional Requirements (6 Hours Total)

FYE 1220 - First Year Seminar (2)
HLTH 1520- Healthful Living (2)
2 Physical Activity Courses (2) (1 hour each)

Comprehensive Learning Outcomes

Critical Thinking: Students will interpret, analyze, and evaluate information and ideas using a logical and ethical framework.

U.S. Perspectives: Students will examine and articulate how constitutional, cultural, economic, geographic, historical, political, or social forces have shaped and continue to shape an evolving and diverse US experience.

Global Perspectives: Students will identify major themes across diverse societies in their historical and cultural contexts and will apply this knowledge through engagement in local and global communities.

Students will construct informed and ethical arguments about historical and contemporary fine arts or other cultural products from the standpoint of diverse cultures.

Students will apply scientific inquiry to evaluate evidence, results, and claims related to the natural sciences or technology and their effects on broader human or societal issues.

Students will examine and articulate how constitutional, cultural, economic, geographic, historical, political, or social forces have shaped and continue to shape an evolving and interdependent global community.

University Programs

Center for International Studies

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The Center for International Studies (CIS) at Georgia Southern University is an independent academic unit committed to maximizing opportunities for providing the campus and local communities with exposure to a variety of internationalizing perspectives, ideologies, and philosophies. Through the development and implementation of both curricular and extracurricular programs, the Center aims to instill the knowledge, skills, and abilities necessary for preparing students to be successful in a globalized world. The infusion of global and interdisciplinary education into Georgia Southern's curricula, research, and service activities to develop high quality, globally-focused degrees, initiatives, programs, and projects are at the core of this mission, serving as a catalyst for interdisciplinary, experiential, and innovative engagement among faculty and

students across the institution. The CIS promotes and administers Georgia Southern's global partnerships and study abroad programs, offers an array of interdisciplinary academic services, promotes on-campus community and international outreach, houses International Student Services and the English Language Program, and supports global learning, business, and economic development in Southeast Georgia.

Objectives:

1. Improve degree programs in International Studies and International Trade in accordance with the Center's strategic vision
2. Enhance the global dimension in other degree programs and across the campus through interdisciplinary minors, concentrations, programs, and relevant international content courses
3. Develop study abroad, exchange, research, and internship programs by establishing linkages with foreign institutions of higher education
4. Provide excellent services and programs for international students at the university
5. Support faculty development by providing and encouraging opportunities for international teaching and research
6. Promote extracurricular programs aimed at increasing international awareness on the Georgia Southern campus, in the Statesboro community, and throughout Southeast Georgia
7. Offer services to regional businesses and industries interested in conducting business in the global marketplace

Undergraduate Academic Programs

International Studies, B.A.

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. The course work requires a student to choose one emphasis from the following:

- Modernization, Development, and Environment
- Security, Conflict, and Diplomacy
- Society, Cultures, and Traditions

Students majoring in International Studies become highly proficient in understanding global affairs through a variety of means:

- The study of the culture, history, and political economy of regions outside the United States
- The acquisition of a high level of proficiency in a second language
- Direct experience of another culture by studying or working abroad

International Trade, B.S.

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 will require 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 practice within the culture and in the language which has been studied for the required foreign language minor.

Area Concentrations

The Undergraduate Concentrations in Africana Studies, Asian Studies, European Studies, and Latin American Studies allow students to supplement a disciplinary major with broad interdisciplinary exposure to one of these areas of study. Students pursue a focused curriculum that will provide a solid foundation for employment in African, Asian, European or Latin American related fields.

Approved course listings for all degree-related services are available in the Center for International Studies.

Area Minors

Interdisciplinary minors with an international focus are available in Africana Studies, Irish Studies, Japanese Studies, and Latin American Studies. These minors can be combined with a variety of majors to add an international component to the degree.

Significant International Content Courses

Some B.S. degree programs allow for choice of completion of a foreign language at the 2001 (Intermediate I) level or the selection of a single course with significant international content. The majors associated with these B.S. degrees are:

- Child and Family Development
- Fashion Merchandising and Apparel Design
- Hotel and Restaurant Management
- Interior Design
- Journalism
- Justice Studies
- Multimedia Communication
- Nutrition and Food Sciences
- Physics
- Public Relations
- Recreation
- Speech Communication
- Sport Management

Significant International Content courses are approved through the International Studies curriculum committee. They must be courses at the 2000 level or better which either carry no prerequisite or allow permission of the instructor for enrollment. The course selected must fall outside the major program of study and 1) exhibit a contemporary focus; 2) provide students with cross-cultural perspectives; and 3) focus on regional/area studies or global/international systems.

The following list of courses has been approved to fulfill the significant international content course requirement:

Africana Studies

AAST 3230 - Introduction to Africana Studies (3)
 AAST/ART 3435 - African Art (3)
 AAST/INTS/HIST 3531 - History of Africa Since 1800 (3)
 AAST/GEOG 4330 - Geography of Africa South of the Sahara (3)

Anthropology

ANTH 3331 - Cultural Anthropology (3)
 ANTH 4431 - European Cultures (3)
 ANTH/WGST 5331 - Gender and Anthropology (3)
 ANTH/AAST 5437 - Cultures of Africa (3)

English

ENGL/COML 5536 - Post-Colonial Literature (3)

Foreign Languages

YORU/AAST 3330 - Yoruba Culture and Civilization (3)

Geography

GEOG 3230 - Economic Geography (3)
 GEOG 3530 - Cultural Geography (3)
 GEOG 4232 - Geography of Latin America (3)
 GEOG 4233 - Geography of Asia (3)
 GEOG/AAST 4330 - Geography of Africa South of the Sahara (3)
 GEOG 4430 - Geography of Europe (3)

Health

HLTH 4195S - International Studies in Health and Kinesiology (3)

History

HIST/INTS 3338 - Contemporary Europe (3)
 HIST 3436 - The Holocaust (3)
 HIST/AAST/INTS 3531 - History of Africa Since 1800 (3)
 HIST/INTS 3532 - The Modern Middle East (3)
 HIST/INTS 3534 - Modern Southeast Asia (3)
 HIST/INTS/LAST 3538 - Modern Latin America (3)
 HIST 4335 - "Women Question" in Europe (3)
 HIST 4530 - Revolution and Revelation (3)
 HIST/INTS 5532 - Modern China (3)
 HIST/INTS 5533 - Economic Rivals: U.S. - E.C. - Japan (3)

International Studies

INTS 2090/2090S - Selected Topics in International Studies (1-3)
 INTS 2130 - Introduction to International Studies (3)
 INTS 3130 - Contemporary World Cultures (3)
 INTS/POLS 3239 - Human Rights International Relations (3)
 INTS/PRCA 3333 - International Public Relations (3)
 INTS/AAST/HIST 3531 - History of Africa Since 1800 (3)
 INTS/LAST/HIST 3538 - Modern Latin America (3)
 INTS/POLS 4137 - Industrializing Nations (3)
 INTS/POLS 4138 - International Terrorism (3)
 INTS 4630 - Seminar in International Studies (3)
 INTS/HIST 5532 - Modern China (3)

Justice Studies

CRJU 4531 - Comparative World Criminal Justice Systems (3)

Nutrition and Food Sciences

NTFS 4630 - Cultural Foods (3)

Philosophy

PHIL/RELS 3131 - World Religions (3)

Political Science

POLS/INTS 3132 - Asian Politics (3)
 POLS/LAST 3133 - Latin American Politics (3)
 POLS/INTS 3236 - International Relations (3)
 POLS/INTS 3239 - Human Rights in International Relations (3)
 POLS/AAST 3431 - African Politics (3)
 POLS 4134 - International Law and Diplomacy (3)
 POLS/INTS 4135 - International Organizations (3)
 POLS/INTS 4136 - Industrialized Nations (3)
 POLS/INTS 4137 - Industrializing Nations (3)
 POLS/INTS 4138 - International Terrorism (3)

Public Relations

PRCA/INTS 3333 - International Public Relations (3)

Recreation

RECR 3337 - International Tourism (3)

Religion

RELS/PHIL 3131 - World Religions (3)

Sports Management

SMGT 3237 - International Sport Management (3)

INTERNATIONAL STUDIES

B.A., 126 HOURS

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

The Center for International Studies at Georgia Southern University offers a course of study 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.

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

- Foreign Language 2002 - Intermediate II (0-6)
- STAT 2231 - Introduction to Statistics I (3)
- INTS 2130 - Introduction to International Studies (3)

Select 6-12 hours from the following:

- ANTH 1102 - Introduction to Anthropology (3)
- ECON 2106 - Business Economics (3)
- GEOG 1130 - World Regional Geography (3)
- HIST 1111 - World History I: Development of World Civilization (3)
- PHIL 2010 - Introduction to Philosophy (3)
- PSYC 1101 - Introduction to Psychology (3)
- RELS 2130 - Introduction to Religion (3)
- SOCI 1101 - Introduction to Sociology (3)
- STAT 2232 - Introduction to Statistics II (3)

Health and Physical Education Activities	4 Hours
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- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation	2 Hours
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- FYE 1220 - First Year Seminar (2)

Major Requirements	36 Hours
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Required Courses:

- INTS 3130 - Contemporary World Cultures (3)
- INTS 3230 - Global Issues (3)
- INTS 4630 - Seminar in International Studies (3)

Select one of the following:

- ANTH 5337 - Ethnographic Methods (3)
- HIST 2630 - Historical Methods (3)
- INTS 3330 - Research Methods in International Studies (3)
- POLS 2130 - Scope and Methods in Political Science (3)
- POLS 3130 - Qualitative Research Methods (3)

Twenty-four (24) 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.*

Topical Emphasis - Select one area (15 hours)

1. Modernization, Development, and Environment
2. Security, Conflict, and Diplomacy
3. Societies, Cultures, and Traditions

Regional Emphasis - Select two areas (6 hours)

1. Asia
2. Africa
3. Latin America
4. Europe

Theory Emphasis (3 Hours)

Minor (Must be in a foreign language)	15 Hours
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Electives or Internship	9 Hours
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ADVISEMENT: Center for International Studies, P.O. Box 8106, (912) 478-0332.

Note: Students must earn a minimum grade of "C" in all INTS designated courses and all courses within the major requirements.

*The list for Topical, Regional, and Theory Emphases are available in the Center for International Studies in the Forest Drive Building.

INTERNATIONAL TRADE

B.S., 126 HOURS

See Core Curriculum for required courses 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.

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
Foreign Language 2002 - Intermediate II (0-6)	
INTS 2130 - Introduction to International Studies (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	6 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
Major Requirements	27 Hours
Business Core	
Select 18 hours from the following:	
ECON 3132 - International Economics I (3) and ECON 3232 - International Monetary Relations (3)	
FINC 3131 - Principles of Corporate Finance (3) and FINC 3133 - International Finance (3)	
GEOG 3230 - Economic Geography (3) and GEOG 3440 - Introduction to GIS and Cartography (4)	
LOGT 3231 - Principles of Transportation (3) and LOGT 4232 - International Logistics (3)	
MKTG 3131 - Principles of Marketing (3) and MKTG 4136 - International Marketing (3)	
International Studies Core	
INTS 3130 - Contemporary World Cultures (3)	
INTS 3230 - Global Issues (3)	
POLS 3236 - International Relations (3) OR POLS 4133 - International Political Economy (3)	
Minor (Must be in a Foreign Language)	15 Hours
Appropriate 3530 Foreign Language course (3)	
Four additional Foreign Language courses at the 3000 and 4000 level (12)	
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 Hours
Free Elective (approved by an advisor)	3 Hours
ADVISEMENT: Center for International Studies, P.O. Box 8106, (912) 478-0332.	

Note: Students must earn a minimum grade of "C" in all INTS designated courses and all courses within the major requirements.

Additional Programs and Services

Global Citizen Certificate

The objective of the certificate is to provide students with an opportunity to engage in courses and experiences that have an international component, better preparing them for our increasingly globalized world. Similar to other certificate programs offered to undergraduates at the university, the Global Citizen Certificate acts as supplemental recognition to the achievements of certain undergraduates going beyond the basic requirements of their majors.

The University already possesses the academic curriculum content and faculty expertise for successful completion by students of the certificate requirements, which are:

1. Coursework: Students complete fifteen credit hours of courses with international content. Students may use up to six hours of core courses and up to a total of nine hours of courses that count toward the core, the major, and the minor. The remaining six hours must be taken from courses outside the core, major, and minor areas.

Courses with international content must:

- a. provide more than half of the subject material as international content,
- b. provide students with a cross-cultural perspective, and
- c. focus on a foreign country, a region or area studies, or global/international topics.

All of the courses listed in Appendix I meet the criteria for international content. Some courses are part of the core requirements, making it feasible for students in all majors to take some courses that count toward the certificate.

2. Capstone project: To emphasize student achievement, the certificate requires a capstone project involving an international experience such as an internship, study abroad, or a service learning project. A final written report about the international experience must be submitted at the end of the capstone project.
3. Foreign language: Because the ability to speak a living foreign language is an integral skill of any global citizen, students seeking the certificate are required to complete through the second intermediate level (i.e., 2002) of a foreign language at the university.

All coursework used for the certificate must be completed with a final grade of "C" or better.

The Center for International Studies serves as administrative home of the certificate program and will:

1. house and distribute information about certificate requirements,
2. maintain records of student applications for the certificate,
3. update the appendix of courses that can be used for the certificate,
4. work through appropriate academic committees when changing certificate requirements, and
5. notify the Office of the Registrar upon student completion of certificate requirements so that the certificate can be entered into the student's final transcript upon graduation from the university.

For more information, contact:

Director, Center for International Studies
Forest Drive Building, Room #1313
(912) 478-0332

Appendix I - Courses Approved for the Global Citizen Certificate:

Africana Studies

AAST 3230 - Introduction to Africa and Its Diaspora (3)
AAST/ANTH/LING/POLS 3337 - Language, Power, Politics (3)
AAST/POLS 3431/3431S - African Politics (3)
AAST/ARTH 3435 - African Art History (3)
AAST/ARTH 3436 - African American Art History (3)
AAST/HIST/INTS 3530 - History of Africa to 1800 (3)
AAST/HIST/INTS 3531 - History of Africa since 1800 (3)
AAST/GEOG 4330 - Geography of Africa South of the Sahara (3)
AAST/SOCI 4431/4431S - Inequality (3)
AAST/HIST/WGST 4530 - Revelation and Revolution (3)
AAST/HIST 4532 - Destruction of Slavery (3)
AAST 4630/4630S - Seminar in Africana Studies (3)
AAST/ANTH 5437/5437S - Cultures of Africa (3)

American Studies

AMST 4139/ANTH 4131 - North American Archeology (3)
AMST/HIST 4431 - Invasion of the Americas: Contact, Encounter and Colonization in Early America (3)
AMST/HIST 4432 - Early American History (3)
AMST/ANTH 5431 - North American Indians (3)
AMST/ANTH 5432 - Southeastern Indians (3)

Anthropology

ANTH 1102/1102H/1102S - Introduction to Anthropology (3)
ANTH 3131 - World Archeology (3)
ANTH 3331 - Cultural Anthropology (3)
ANTH/AAST/LING/POLS 3337 - Language, Power, Politics (3)
ANTH 4132 - Southeastern Archeology (3)
ANTH/LAST 4135/4135S - Mesoamerican Archeology (3)
ANTH 4139/AMST 4131 - North American Archeology (3)
ANTH/RELS 4337 - Folklife and Religion (3)
ANTH 4431 - European Cultures (3)
ANTH/WGST 5331 - Gender and Anthropology (3)
ANTH/AMST 5431 - North American Indians (3)
ANTH/AMST 5432 - Southeastern Indians (3)
ANTH/AAST 5437/5437S - Cultures of Africa (3)
ANTH/LING/WRIT 5530 - Sociolinguistics (3)

Art

ART 1000/1000S - Art in Life (3)

Art History

ARTH 2531/2531S - Art History I (3)
ARTH 2532/2532S - Art History II (3)
ARTH/AAST 3435 - African Art History (3)
ARTH/AAST 3436 - African American Art History (3)
ARTH 3530/3530S - Art and Architecture of the Ancient World (3)
ARTH 3531/3531S - Medieval Art History (3)
ARTH 3532 - Italian Renaissance Art History (3)
ARTH 3533 - Baroque and Rococo Art History (3)
ARTH 3534/3534S - 19th Century Art History (3)
ARTH 4530 - 20th Century Art History (3)
ARTH 4531 - Contemporary Art History (3)

Communication Arts

COMM 4333/4333S - Theories of Mass Communication (3)

Communication Studies

COMS/INTS 4330 - Rhetoric of International Relations (3)

Comparative Literature

COML 2531 - Crossing Borders (3)

COML 3530 - Literary Translation (3)

COML/ENGL 5334 - Modern Drama (3)

COML/ENGL 5536 - Post-Colonial Literature (3)

Criminal Justice

CRJU 4531/4531S - Comparative World Justice Systems (3)

Economics

ECON 2105/2105H/2105S - Economics in a Global Society (3)

ECON 3132/3132S - International Trade (3)

ECON 3232 - International Monetary Relations (3)

ECON 4431 - Economic Development (3)

English

ENGL 2111/2111H/2111S - World Literature I (3)

ENGL 2112/2112H/2112S - World Literature II (3)

ENGL/IRSH 3338 - Irish Cultural Identities (3)

ENGL/FILM 3535 - Patterns in Film and Literature (3)

ENGL 4135/4135S - Chaucer (3)

ENGL 4337/4337S - Shakespeare (3)

ENGL/COML 5334 - Modern Drama (3)

ENGL 5430 - Contemporary Poetry (3)

ENGL/COML 5536 - Post-Colonial Literature (3)

ENGL 5538 - World Fiction since 1900 (3)

European Union

EURO/INTS/POLS 3234/3234S - Introduction to the European Union (3)

Film

FILM/IRSH 3430 - Ireland in Film (3)

Finance

FINC 3133/3133S - International Finance (3)

Foreign Language

FORL/LING 3533/3533S - Introduction to Language (3)

Geography

GEOG 1130/1130S - World Regional Geography (3)

GEOG 3230/3230S - Economic Geography (3)

GEOG 3530 - Cultural Geography (3)

GEOG/LAST 4232 - Geography of Latin America (3)

GEOG 4233 - Geography of Asia (3)

GEOG/AAST 4330 - Geography of Africa South of the Sahara (3)

GEOG 4430/4430S - Geography of Europe (3)

GEOG 5230/5230S - Urban Geography (3)

History

HIST 1112/1112H/1112S - World History II: Emergence of Modern Global Community (3)

HIST 3135 - Rise of U.S. to World Power (3)

HIST/INTS 3136/3136S - U.S. as a Global Power (3)

HIST/INTS/RELS 3250 - The Muslim World to Tamerlane (3)

HIST/INTS/RELS 3251 - The Muslim World Since Genghis Khan (3)

HIST 3330/3330S - History of Greece (3)

HIST 3331/3331S - History of Rome (3)

HIST 3332 - Late Antiquity (3)

HIST 3333/3333S - The Middle Ages (3)

HIST/RELS 3334 - Christian Europe 450-1750 (3)

HIST 3337/3337S - Europe, 1914-1945 (3)

HIST/INTS 3338/3338S - Contemporary Europe (3)

HIST 3430 - History of England to 1603 (3)

HIST/IRSH 3431 - England since 1603 (3)

HIST 3432 - Germany: 1648 - Present (3)

HIST 3434 - Modern European Thought (3)

HIST 3435 - The Scientific Revolution (3)

HIST 3436 - The Holocaust (3)

HIST/AAST/INTS 3530 - History of Africa to 1800 (3)

HIST/AAST/INTS 3531 - History of Africa since 1800 (3)

HIST/INST 3532 - The Modern Middle East (3)

HIST 3533 - Modern Eastern Europe (3)

HIST/INTS 3534 - Modern Southeast Asia (3)

HIST 3536/3536S - Russia to 1917 (3)

HIST/INTS/LAST 3537 - Colonial Latin America (3)

HIST/INTS/LAST 3538/3538S - Modern Latin America (3)

HIST 4230/4230S - The Renaissance (3)

HIST 4333 - The Colonial Experience I: Europe (3)

HIST/WGST 4335 - "Woman Question" in Europe (3)

HIST/AMST 4431 - Invasion of the Americas: Contact,

Encounter and Colonization in Early America (3)

HIST/AMST 4432 - Early American History (3)

HIST/AAST/WGST 4530 - Revelation and Revolution (3)

HIST 4531/4531S - World War I (3)

HIST/AAST 4532 - The Destruction of Slavery (3)

HIST 5130 - American Indian History (3)

HIST 5331 - The Age of Chivalry (3)

HIST/RELS 5332 - The Reformation (3)

HIST 5335 - World War II (3)

HIST 5336/5336S - Revolutionary France (3)

HIST 5339 - Modern Britain (3)

HIST 5430 - Modern France (3)

HIST 5530/5530S - 20th Century Russia (3)

HIST/INTS 5531/5531S - Modern Japan (3)

HIST/INTS 5532 - Modern China (3)

HIST/INTS 5533 - Economic Rivals: U.S.-EC-Japan (3)

International Studies

INTS 2130/2130S - Introduction to International Studies (3)

INTS 3090/3090S - Selected Topics in International Studies (3)

INTS 3130/3130S - Contemporary World Cultures (3)

INTS/POLS 3132/3132S - Asian Politics (3)

INTS/HIST 3136/3136S - U.S. as a Global Power (3)

INTS 3230/3230S - Global Issues (3)

INTS/EURO/POLS 3234/3234S - Introduction to the European Union (3)

INTS/POLS 3236/3236S - International Relations (3)

INTS/POLS 3239/3239S - Human Rights in International Relations (3)

INTS/HIST/RELS 3250 - The Muslim World to Tamerlane (3)

INTS/HIST/RELS 3251 - The Muslim World Since Genghis Khan (3)

INTS/HIST 3338/3338S - Contemporary Europe (3)

INTS/AAST/HIST 3530 - History of Africa to 1800 (3)

INTS/AAST/HIST 3531 - History of Africa since 1800 (3)

INTS/HIST 3532 - The Modern Middle East (3)

INTS/HIST 3534 - Modern Southeast Asia (3)

INTS/HIST/LAST 3537 - Colonial Latin America (3)
 INTS/HIST/LAST 3538/3538S - Modern Latin America (3)
 INTS/POLS 3730 - Introduction to the United Nations (3)
 INTS/POLS 4135 - International Organizations (3)
 INTS/POLS 4136/4136S - Comparative Politics of Industrialized Nations (3)
 INTS/POLS 4137 - Industrializing Nations (3)
 INTS/POLS 4138 - International Terrorism (3)
 INTS/POLS 4238 - International Conflict (3)
 INTS/POLS 4730 - Model United Nations (3)
 INTS/POLS 4731 - Model United Nations II (3)
 INTS/HIST 5531/5531S - Modern Japan (3)
 INTS/HIST 5532 - Modern China (3)
 INTS/HIST 5533 - Economic Rivals: U.S.-EC-Japan (3)
 INTS/POLS 5633/5633S - Seminar in International Politics (3)
 INTS/POLS 5634 - Seminar in Comparative Politics (3)
 INTS/POLS 5635 - Seminar in International Organizations (3)

Irish Studies

IRSH/POLS 3432 - Celtic Identity and Conflict (3)
 IRSH/THEA 3333 - Irish Theatre (3)
 IRSH/ENGL 3338 - Irish Cultural Identities (3)
 IRSH/FILM 3430 - Ireland in Film (3)
 IRSH/HIST 3431 - England since 1603 (3)

Latin American Studies

LAST/POLS 3133/3133S - Latin American Politics (3)
 LAST/HIST/INTS 3537 - Colonial Latin America (3)
 LAST/HIST/INTS 3538/3538S - Modern Latin America (3)
 LAST 4890/4890S - Seminar in Latin American Studies (3)

Legal Studies

LSTD 3130/3130S - International Trade Regulation (3)

Linguistics

LING 3031 - Phonology (3)
 LING 3032 - Syntax (3)
 LING/ANTH/AAST/POLS 3337 - Language, Power, and Politics (3)
 LING/POLS 3338 - Language and Law (3)
 LING/FORL 3533 - Introduction to Language (3)
 LING 3630 - Language and Linguistic Theory (3)
 LING 4333 - Semantics (3)
 LING/ANTH/WRIT 5530 - Sociolinguistics (3)

Marketing

MKTG 4136/4136S - International Marketing (3)

Music

MUSC 3131 - History of Music I (3)
 MUSC 3132 - History of Music II (3)

Philosophy

PHIL/RELS 3131 - World Religions (3)
 PHIL/POLS 3230 - Modern Political Thought (3)
 PHIL 3431/3431S - Ancient Philosophy (3)
 PHIL 3432 - Modern Philosophy (3)
 PHIL/RELS 3434 - Contemporary Philosophy (3)
 PHIL/RELS 4632 - Philosophy of Religion (3)

Political Science

POLS 2101/2101S - Introduction to Political Science (3)
 POLS/INTS 3132/3132S - Asian Politics (3)
 POLS/LAST 3133/3133S - Latin American Politics (3)

POLS 3134 - Middle East Politics (3)
 POLS/PHIL 3230 - Modern Political Thought (3)
 POLS/EURO/INTS 3234/3234S - Introduction to the European Union (3)
 POLS/INTS 3236/3236S - International Relations (3)
 POLS/INTS 3239/3239S - Human Rights in International Relations (3)
 POLS 3335 - Politics of Ethnicity (3)
 POLS 3336 - Classical Political Thought (3)
 POLS/AAST/ANTH/LING 3337 - Language, Power, Politics (3)
 POLS/LING 3338 - Language and Law (3)
 POLS/AAST 3431/3431S - African Politics (3)
 POLS/IRSH 3432 - Celtic Identity and Conflict (3)
 POLS/INTS 3730 - Introduction to the United Nations (3)
 POLS 4031/4031S - Selected Topics in Political Science (3)
 POLS 4133 - International Political Economy (3)
 POLS 4134/4134S - International Law and Diplomacy (3)
 POLS/INTS 4135 - International Organizations (3)
 POLS/INTS 4136/4136S - Comparative Politics of Industrialized Nations (3)
 POLS/INTS 4137 - Industrializing Nations (3)
 POLS/INTS 4138 - International Terrorism (3)
 POLS/INTS 4238 - International Conflict (3)
 POLS/INTS 4730 - Model United Nations (3)
 POLS/INTS 4731 - Model United Nations II (3)
 POLS/INTS 5633/5633S - Seminar in International Politics (3)
 POLS/INTS 5634 - Seminar in Comparative Politics (3)
 POLS/INTS 5635 - Seminar in International Organizations (3)

Public Relations

PRCA/INTS 3333/3333S - International Public Relations (3)

Recreation

RECR 3337 - International Tourism (3)

Religious Studies

RELS/PHIL 3131 - World Religions (3)
 RELS 3134 - Introduction to Asian Religions (3)
 RELS 3135 - Introduction to Hinduism (3)
 RELS 3136 - Introduction to Global Islam (3)
 RELS/HIST/INTS 3250 - The Muslim World to Tamerlane (3)
 RELS/HIST/INTS 3251 - The Muslim World Since Genghis Khan (3)
 RELS/HIST 3334 - Christian Europe 450-1750 (3)
 RELS/PHIL 3434 - Contemporary Philosophy (3)
 RELS/PHIL 4632 - Philosophy of Religion (3)
 RELS/SOCI 5133 - Sociology of Religion (3)
 RELS/HIST 5332 - The Reformation (3)

Sociology

SOCI 1101/1101H/1101S - Introduction to Sociology (3)
 SOCI/AMST 3336/3336S - Social Problems (3)
 SOCI 4335 - Self and Society (3)
 SOCI/WGST 4338 - Sport, Culture, and Society (3)
 SOCI/AAST 4431/4431S - Inequality (3)
 SOCI/RELS 5133 - Sociology of Religion (3)

Sport Management

SMGT 3237 - International Sport Management (3)

Theatre

THEA 1100/1100S - Theatre Appreciation (3)
 THEA/IRSH 3333 - Irish Theatre (3)
 THEA 4330 - Theatre History: To the Elizabethans (3)

THEA 4331/4331S - Theatre History: Elizabethan to Modern (3)

Women's and Gender Studies

WGST/HIST 4335 - "Woman Question" in Europe (3)

WGST/SOCI 4338 - Sport, Culture, and Society (3)

WGST/ANTH 5331 - Gender and Anthropology (3)

Writing

WRIT 4570 - Writing, Rhetoric, and Culture (3)

WRIT/ANTH/LING 5530 - Sociolinguistics (3)

European Union Studies Certificate Program

The European Union Studies Certificate is offered by the University System of Georgia's European Council. Students have the option of earning a certificate jointly conferred with the Ludwig-Maximilians-Universität in Munich, in Germany. The certificate consists of a six-course program of study which includes a mandatory, Introduction to the European Union course, four discipline-specific courses from three different disciplines and a capstone seminar for a total of 18 hours. The program is open to all academic majors and can be completed with a combination of courses offered at the home institution and online. The official certificate is conferred by the student's home institution and is indicated on the transcript. Special distinctions may also be awarded for foreign language proficiency or completion of an honors thesis. For more information, contact:

Danielle Smith, Center for International Studies
Forest Drive Building, Room #1313
(912) 478-0332

Study Abroad and Exchange Programs

Studying abroad provides students with a transcultural 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.

Georgia Southern University offers short-term study abroad programs in a variety of disciplines. Each program is approved by the Office of the Provost and coordinated by the Center for International Studies. Although program offerings differ year to year, Georgia Southern has sponsored programs to: Albania, Botswana, Costa Rica (Nursing and Spanish), Dominican Republic (Spanish), Ecuador (Geography), France (French), Germany and Poland (History), Ghana (Public Health), England (Education), Italy (Nutrition and Health Science), Spain (Spanish), and Switzerland (Biology). Music International Studies provides opportunities for students in the Department of Music to perform, study, and travel abroad.

The European Council of the University System of Georgia sponsors summer study abroad programs to London, England; Paris, France; Berlin, Germany; Waterford, Ireland; St. Petersburg, Russia; and Madrid, Spain. A program in Montepulciano, Italy, is co-sponsored by Georgia Southern University, Kennesaw State University, Georgia College and State University, and Valdosta State University. These unique programs feature University System of Georgia faculty members who teach a variety of core and upper division courses at the

overseas sites. Georgia Southern students may apply for these programs on campus through the Center for International Studies.

The University System programs are open to all undergraduate students with a minimum cumulative GPA of 2.0; however, certain programs may require a higher GPA and completion of prerequisites. Graduate students are required to have a 3.0 GPA. Participating students register for classes and pay tuition and fees to Georgia Southern. Eligible undergraduates may currently use HOPE to pay for the cost of tuition and fees associated with studying abroad. Students are encouraged to contact the Office of Financial Aid for information about how to apply their available financial aid resources toward the cost of study abroad.

Exchange programs for Georgia Southern students are currently available at the Fachhochschule Ingolstadt and the University of Kassel in Germany; Roskilde University in Denmark; University of South Bohemia in the Czech Republic; Keimyung University and Chung Ang University in South Korea; Nagoya University of Foreign Studies in Japan; Central China Normal (Huazhong) University in China; Wilfrid Laurier University, Mount Allison University, and the University of New Brunswick-Saint John in Canada; the Universidad Veracruzana and Tecnológico de Monterrey-Campus Ciudad de Mexico in Mexico; and Sheffield-Hallam University in the United Kingdom. These programs allow students to pursue semester or year-long study of both major courses and classes in the language and culture of the host country.

Georgia Southern is also a member of ISEP, a worldwide network that facilitates the exchange of students between 300 member institutions in the United States and 49 other countries. Students may pursue academic year or semester programs of study through the ISEP network. More information can be viewed at <http://www.isep.org/>.

The College of Education offers an International Study Opportunity in a partner school in the United Kingdom for eligible student teachers. This opportunity allows student teachers to gain a broader understanding of the interrelatedness of individuals, small groups, and society from a global perspective. Contact the Director of Field Experiences and Partnerships, Pat Parsons, pparsons@georgiasouthern.edu, (912) 478-0499 for more information.

For information on Georgia Southern University study abroad programs, and on numerous programs offered worldwide, contact:

Center for International Studies
Forest Drive Bldg, Room #1313
Phone: (912) 478-0332

International Student Programs and Services

There are over 300 international students and scholars in F-1 (student) and J-1 (exchange visitor) visa status from about 80 countries at the university. The Center for International Studies 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.

In addition, the Center plans and coordinates programs which foster international understanding and cultural exchange, both on

campus and within the Statesboro community. Some of the programs offered are: weekly International Conversation Hours, the International Club, International Week, the International Festival, the Global Ambassadors Program, the Cross-Cultural Friendship Program, and the International Extended Families Program. Day and overnight trips as well as socials and cookouts are offered throughout the year. Services provided include: orientation (including academic advisement and registration), English proficiency testing/placement, and assistance with health insurance coverage, and visa and cultural advisement.

For more information about programs and services, please contact:

Ms. Tanya Grubbs
Immigration Specialist, International Students and Scholars
Forest Drive Building, Room #1322
Phone: (912) 478-7435
E-mail: tgrubbs@georgiasouthern.edu

English Language Program

The English Language Program's mission is to prepare non-native speakers for the academic environment by offering English as a second language course in the essential skill areas of oral communication and fluency, academic writing, intensive reading, English grammar, and U.S. culture. Please direct inquiries to:

Ms. Joan Stalcup
Director, English Language Program
Forest Drive Building, Room #1327
Phone: (912) 478-0693
E-mail: jstalcup@georgiasouthern.edu

Course Offerings

ESL 0091A - Reading and Writing (2)
ESL 0091B - Listening and Speaking (2)
ESL 0091C - Grammar (2)
ESL 0091D - Computer Assisted Language Learning (2)
ESL 0091E - U.S. Culture (2)
ESL 0092A - Reading and Writing (3)
ESL 0092B - Listening and Speaking (3)
ESL 0092C - Grammar (3)
ESL 0092D - Computer Assisted Language Learning (2)
ESL 0092E - U.S. Culture (3)

The University Honors Program

The University Honors Program (UHP) provides a small college atmosphere in the context of a large comprehensive university. 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.

Admission to the University Honors Program is competitive and for incoming freshmen requires a minimum SAT score of 1200, or ACT score of 27, and a high school academic grade point average of 3.5. For current Georgia Southern Students, admission is competitive—a minimum cumulative GPA of at least 3.3 is required. For more information, call the University Honors Program at (912) 478-7926 or visit the website at <http://academics.georgiasouthern.edu/honors/>.

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. Honors courses involve innovative approaches and pedagogies and are open to talented non-honors students where space is available.

The tables below show the requirements expected of honors students, depending on when they enter the Program:

Freshman Admission:

Year	Requirements
First	- FYE 1220H - Honors First-Year Seminar (fall) - FYE 1410H - Global Citizens Seminar (spring) - Two Honors Core Courses - One Experiential Learning Project completed in FYE 1220H/1410H classes
Second	- Two Honors Core Courses - One Experiential Learning Project
Third	- College/Departmental Honors Requirements* - Submit Honors Thesis/Capstone Proposal - One Experiential Learning Project
Fourth	- College/Departmental Honors Requirements* - Complete Honors Thesis/Capstone Project - Present Honors Thesis/Capstone at Honors Research Symposium - One Experiential Learning Project

Sophomore Admission:

Year	Requirements
Second	- Two Honors Core Courses - One Experiential Learning Project
Third	- College/Departmental Honors Requirements* - Submit Honors Thesis/Capstone Proposal - One Experiential Learning Project
Fourth	- College/Departmental Honors Requirements* - Complete Honors Thesis/Capstone Project - Present Honors Thesis/Capstone at Honors Research Symposium - One Experiential Learning Project

Junior Admission:

Year	Requirements
Third	- College/Departmental Honors Requirements* - Submit Honors Thesis/Capstone Proposal - One Experiential Learning Project
Fourth	- College/Departmental Honors Requirements* - Complete Honors Thesis/Capstone Project - Present Honors Thesis/Capstone at Honors Research Symposium - One Experiential Learning Project

Senior Admission:

Year	Requirements
Fourth	- College/Departmental Honors Requirements* - Complete Honors Thesis/Capstone Project - Present Honors Thesis/Capstone at Honors Research Symposium - One Experiential Learning Project

* College/Departmental Honors requirements vary by major.

Georgia Southern University Online Degrees

Center for Online Learning

The Center for Online Learning (COL) provides students and faculty with a single point of contact for information regarding online degree programs. Faculty support includes assistance with the development and management of strategies and technologies that support online delivery of courses (e.g., support of the online learning management system, Folio, training and pedagogy, and the Online Course Development/Adoption Training program).

Georgia Southern University offers the following online degree programs:

Graduate Programs

- Doctor of Nursing Practice
- Education Specialist in Early Childhood Education
- Education Specialist in Instructional Technology with concentrations in School Library Media Specialist or Instructional Technology
- Education Specialist in Middle Grades Education
- Education Specialist in Reading Education
- Education Specialist in Secondary Education
- Education Specialist in Special Education
- Master of Education with a major in Curriculum & Instruction - Accomplished Teaching
- Master of Education with a major in Educational Leadership
- Master of Education with a major Higher Education Administration (online if online courses are selected)
- Master of Education with a major in Instructional Technology with concentrations in School Library Media Specialist, Instructional Technology or Dual Certification in School Library Media and Instructional Technology
- Master of Education in Early Childhood Education
- Master of Education in Middle Grades Education
- Master of Education in Reading Education
- Master of Education in Secondary Education
- Master of Education in Special Education
- Master of Arts with a major in Teaching, concentration in Special Education
- Master of Science in Accounting (WebMAcc)
- Master of Science in Computer Science
- Master of Science with a major in Applied Economics
- Master of Science with a major in Kinesiology, Coaching Education emphasis
- Master of Science with a major in Kinesiology, Physical Education emphasis (some onsite coursework required)
- Master of Science with a major in Sport Management
- Master of Science in Nursing (some onsite coursework required)
- WebMBA-Master of Business Administration

Graduate Endorsement Programs

- K-5 Mathematics Endorsement
- Online Teaching and Learning Endorsement
- Reading Endorsement: Classroom Teacher of Reading Program

Graduate Certificate Programs

- Applied Economics
- Coaching
- Community Health Clinical Nurse Specialist
- Engineering and Manufacturing Management
- Enterprise Resources Planning

- Occupational Safety and Environmental Compliance
- Post MSN Family Nurse Practitioner
- Public and Nonprofit Management
- Teaching English to Speakers of Other Languages (TESOL)/Applied Linguistics

Undergraduate Programs

- Bachelor of General Studies
- WebBSIT-Bachelor of Science in Information Technology
- RN-BSN - Bachelor of Nursing

For more information, contact the Center for Online Learning at (912) 478-1361 or at (800) 679-6801, visit the website at <http://online.georgiasouthern.edu/>, or email to georgiasouthernonline@georgiasouthern.edu.

Preparing for an Online Course

The Center for Online Learning provides an online orientation program for students enrolled in online courses. This program features the following services:

- READI - Readiness for Education At a Distance Indicator is a self-paced resource that enables students to determine if they are prepared for online coursework and helps students to understand what to expect from online courses.
- Campus Services - Nearly all services provided on campus can also be found and accessed online through this listing.
- Campus Policies - This list of policies helps students to learn about Georgia Southern and what it means to be a contributing member of this community.
- Online Programs at Georgia Southern - This site provides a thorough review of all courses and procedures for online programs at Georgia Southern.

For more information about Preparing for an Online course, see <http://academics.georgiasouthern.edu/col/solo/index.php>.

First-Year Seminar

FYE 1220: First-Year Seminar

Students who enter the University with thirty or fewer hours enroll in FYE 1220: First-Year Seminar in their first semester at Georgia Southern. FYE 1220 is a thematic seminar designed to promote information literacy skills and support students' cognitive and affective integration into the University community. For more information, contact:

First-Year Experience
1001 Williams Center
(912) 478-3939

<http://academics.georgiasouthern.edu/fye/>

Learning Skills Course

GSU 1120 - Methods of Learning

Designed to promote academic success, Methods of Learning emphasizes opportunities for students to learn and apply strategies that lead to success in their academic courses, including interpreting, organizing, and synthesizing academic information in texts and lectures; identifying and assessing individual learning styles; setting and achieving academic goals; managing time effectively; taking comprehensive notes; and preparing for tests. This course is required of all freshmen with a total institution GPA of 1.99 or below unless they have already passed the course with a grade of "C" or "S". Credit hours for this course cannot be used toward graduation.

Learning Support

According to Board of Regents policies, “All non-traditional freshmen must be screened for placement in learning support courses using the COMPASS administered by a University System institution and must meet University System criteria for exemption or exit of learning support in reading, English, and mathematics. As an alternative, an institution may allow non-traditional freshmen who have within the past seven years posted SAT scores of at least 500 in both Verbal and Mathematics or ACT scores of at least 21 on both English and Mathematics to exempt the COMPASS 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 opportunity to develop those skills to entry-level competency for regular freshman credit hours. 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. Except for Hope scholarship calculations, institutional credit is not used in computing grade point averages. 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, and a student may not accumulate more than thirty (30) hours of degree-credit before completing 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. Students have a maximum of two semesters to exit Learning Support English and Reading. Students have a maximum of three semesters to exit Learning Support Math (since the math area has two courses, students have a maximum of two semesters in Math 0097). A Learning Support student who does not complete requirements for an area in the appropriate number of semesters, will be placed on dismissal. Any student placed on dismissal for failure to exit Learning Support will be excluded for one year. Alternately, a Learning Support student who is placed on dismissal for failure to exit Learning Support may apply for readmission as a transfer student after satisfying Learning Support requirements and completing thirty hours of college-level work with a minimum GPA of 2.0. 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 thirty hours of college-level work with a minimum GPA of 2.0.

Students may carry a maximum of 15 hours (including any Learning Support courses) except in their third semester when they are limited to 12 hours.

Learning Support students will be assigned an 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. The only way a student can withdraw from a required Learning Support course is to withdraw from school.

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 enroll on an audit basis only. 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 for:

READ 0099 A, B Academic Reading
ENGL 0099 A, B Communication Skills
MATH 0097 A, B Elementary Algebra
MATH 0099 A, B, C Intermediate Algebra

Minors

A minor must contain 15 to 18 semester hours of coursework with at least nine (9) hours of upper-division coursework. Courses taken to satisfy Core Areas A through E may not be counted as coursework in the minor. Core Area F courses may be counted as coursework in the minor.

Students in all baccalaureate programs who wish to do so may add a minor to their major programs of study from the following list of Minor Programs. The Bachelor of Arts (B.A.) degree programs require a minor. The courses to make up the minor should be planned with the major advisor, unless otherwise noted.

Minors and second minors may be declared as early as the freshmen year but should always be declared as soon as possible so that students have adequate time to plan the completion of their minors. Minors may be declared by completing a Minor/Concentration Declaration Form. A student changing their major may also declare or change a minor by completing the "Minors" section of the Change of Major Form.

Within the fifteen hours of course work presented for the required minor in the B.A. programs or the optional minor in any bachelor's degree program, the student must have a minimum total institution GPA of 2.0, with no more than three hours of "D" work. A minimum of nine of the fifteen hours must be earned at Georgia Southern University.

A maximum of three hours may be taken under the S/U grading system within any minor.

Anthropology Minor

Department: Sociology & Anthropology
Contact: Dr. Barbara Hendry, (912) 478-5362,
bhendry@georgiasouthern.edu

Prerequisite(s):

ANTH 1102 - Introduction to Anthropology (3) or equivalent

Minor Program:

ANTH - Courses for which prerequisites are met (15)

Art (History) Minor

Department: Art
Contact: BFSDoART Advisement and Career Center, Center for Art
& Theatre Room 2018, (912) 478-2376,
artadvisement@georgiasouthern.edu

Minor Program:

ARTH 2531 - History of Art I (3)
ARTH 2532 - History of Art II (3)
ART - Three Upper Division Art History courses (9) (selected in consultation with an Art History Advisor)

Art (Studio) Minor

Department: Art
Contact: BFSDoART Advisement and Career Center, Center for Art
& Theatre Room 2018, (912) 478-2376,
artadvisement@georgiasouthern.edu

Minor Program:

ART 1010 - Drawing I (3)
ART 1020 - Two-Dimensional Design (3)
ART 1030 - Three Dimensional Design (3)

Select two level-one studio courses from the following:

ART 1135 - Painting I (3)
ART 1230 - Ceramics I (3)
ART 1235 - Sculpture I (3)
ART 1236 - Jewelry & Metalsmithing I (3)
ART 1335 - Photographic Imaging I (3)
ART 1430 - Print, Paper, Book Arts I (3)

Pending Board of Regents approval.

Art (Studio/Graphic Design) Minor

Department: Art
Contact: BFSDoART Advisement and Career Center, Center for Art
& Theatre Room 2018, (912) 478-2376,
artadvisement@georgiasouthern.edu

Prerequisite(s):

ART 1010 - Drawing I (3)
ART 1020 - Two-Dimensional Design (3)
GCM 1131 - Graphic Communications Technology (3)
GCM 1321 - Desktop Publishing (2)
GCM 1411 - Desktop Publishing Lab (1)

Minor Program:

ART 2330 - Typography I (3)
ART 2331 - Visual Thinking in Graphic Design (3)
ART 3331 - Graphic Design Methods (3) (*All students must pass graphic design portfolio review prior to enrolling in ART 3331*)
ART 3338 - Typography II (3)

Select one upper division graphic design elective from the following:

ART 1335 - Photographic Imaging I (3)
ART 3731 - Graphic Design Internship (3)
ART 4333 - Publication Design (3)
ART 4335 - Web Page Design (3)

Athletic Training Minor

Department: Department of Health and Kinesiology
Contact: Hollis Building, Room 2115, (912) 478-0200

Prerequisite(s):

(Must earn a minimum grade of "C")
KINS 2531 - Human Anatomy and Physiology I (3)
KINS 2511 - Human Anatomy and Physiology I Lab (1)
KINS 2532 - Human Anatomy and Physiology II (3)
KINS 2512 - Human Anatomy and Physiology II Lab (1)
PHYS 1111 - Introduction to Physics I (3)
PHYS 1113 - Introduction to Physics I Lab (1)

Minor Program:

KINS 3330 - Prevention of Injury and Illness in Athletic Training (3)
KINS 3331 - Pathology and Care of Athletic Injury and Illness (3)
KINS 4330 - Evaluation of Lower Extremity Injuries (3)
KINS 4331 - Evaluation of Upper Extremity Injuries (3)

Select one from the following:

KINS 4332 - Therapeutic Modalities in Athletic Training (3)
KINS 4333 - Therapeutic Exercise and Rehabilitation (3)

The Athletic Training Minor is open to any student interested in athletic training.

Biology Minor

Department: Biology
Contact: Biology Building, Room 1104, (912) 478-5487

Prerequisite(s):

BIOL 1130 - General Biology (3) and BIOL 1110 - General Biology Lab (1) **OR** BIOL 2107 - Principles of Biology I (3) and BIOL 2107L - Principles of Biology Lab I (1) and one chemistry course (6-8 hours) (Area D offerings accepted)

Minor Program:

Lower Division courses (4 hours):

BIOL 2108 - Principles of Biology II (3) and BIOL 2108L - Principles of Biology II Lab (1)

Upper Division (11 hours)

BIOL - Upper Division courses (3000 level or above) - at least one laboratory offering required

Additional Minor Requirements/Recommendations:

A Departmental Advisor must approve all course work.

For individuals seeking teacher certification through MAT, the following list of courses is strongly recommended as part of the 15 credit hours requirement.

BIOL 3130 - Principles of Genetics (3)

BIOL 3133 - Evolution and Ecology (3)

For further information regarding Certification, please refer to the College of Education section of the Catalog.

Business Minor

Department: College of Business Administration, Associate Dean's Office

Contact: Dr. William H. Wells, Business Administration Building, Room 2253, (912) 478-5107

Minor Program:

ACCT 2030 - Survey of Accounting (3)

ECON 2105 - Economics in a Global Society (3)

Upper Division courses for which the prerequisites have been met (12)

Chemistry Minor

Department: Chemistry

Contact: Nursing/Chemistry Building, Room 2003C, (912) 478-5681

Prerequisite(s):

CHEM 1145 - Principles of Chemistry I (4)

CHEM 1146 - Principles of Chemistry II (4)

Minor Program:

The Chemistry Minor requires 15 hours above the 2100 level of which 9 hours must be upper division courses. The following courses may NOT be counted in the 15 hours for the minor:

CHEM 3530 - Nutritional Biochemistry (3)

CHEM 3790 - Teaching Internship in Chemistry (1-3)

CHEM 4790 - Chemistry Internship (1-4)

For individuals seeking teacher certification through MAT, the following list of courses is strongly recommended as part of the 15 credit hours requirement.

CHEM 2242 - Analytical Chemistry (4)

CHEM 3341 - Organic Chemistry I (4)

For further information regarding Certification, please refer to the College of Education section of the Catalog.

Child and Family Development Minor

Department: School of Human Ecology

Contact: (912) 478-5345

Minor Program:

CHFD 2134 - Family Development (3)

CHFD 2135 - Child Development (3)

CHFD 2137 - Lifespan Development (3)

Select three of the following:

CHFD 3131 - Birth to 5 Methods (3)

CHFD 3135 - Middle Child and Adolescence (3)

CHFD 3136 - Families in Later Life (3)

CHFD 3137 - Children in Hospitals (3)

CHFD 3138 - Early and Middle Adulthood Development (3)

CHFD 3139 - Parenting: Family Child Interaction (3)

CHFD 4130 - Administration of Programs: Children and Families (3)

CHFD 4131 - Teaching Preschool (3)

CHFD 4134 - Family Life Education (3)

CHFD 4136 - Assessment of Children and Families (3)

Additional Minor Requirements/Recommendations:

Consultation with a CHFD faculty member

Communication Studies Minor

Department: Communication Arts

Contact: Chair, Department of Communication Arts, Veazey Hall, 3rd Floor, (912) 478-5138

Prerequisite(s):

COMM 1100 - Introduction to Human Communication (3)

COMM 1110 - Principles of Public Speaking (3)

Minor Program:

COMS - Upper division courses (15)

Computer Science Minor

Department: Computer Science

Contact: Chair, Department of Computer Science, CEIT 2313, 2nd Floor, (912) 478- C5C5 (2727)

Minor Program:

CSCI 1301 - Programming Principles I (4)

CSCI 1302 - Programming Principles II (3)

CSCI 3230 - Data Structures (3)

CSCI 3232 - Systems Software (3)

Select one of the following Upper Division courses:

CSCI 5335 - Object Oriented Design (3)

CSCI 5432 - Database Systems (3)

Economics Minor

Department: School of Economic Development

Contact: Dr. Godfrey Gibbison, Business Administration Building, Room 3310, (912) 478-5216

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:

ECON 2106 - Business Economics (3)

ECON 3131 - Intermediate Macroeconomics (3)

ECON 3231 - Intermediate Microeconomics (3)

ECON - Two upper division economics courses (6)

English Minor

Department: Literature & Philosophy

Contact: Chair, Department of Literature & Philosophy, Newton Building, (912) 478-5471

Prerequisite(s):

ENGL 2131 - Introduction to Literary Studies (3) (Must be taken prior to or concurrent with all upper division courses.)

Minor Program:

ENGL - Upper Division (3000 or above) courses (15)

Entrepreneurship and Small Business Management Minor

Department: Management

Contact: Dr. Luke Pittaway, Business Administration Building, Room 2252, (912) 478-5321

Minor Program:

MGNT 3130 - Principles of Management (3)
 MGNT 3234 - Entrepreneurship/Small Business (3)
 MGNT 4234 - Small Business Management (3)
 MGNT 4235 - Applied Small Business Management (3)
 MGNT 4236 - New Venture Planning (3)

Exercise Science Minor

Department: Department of Health and Kinesiology

Contact: Hollis Building, Room 2115, (912) 478-0200

Prerequisites (Apply to Option 1 ONLY)

A minimum grade of "C" in:

KINS 2531 - Human Anatomy and Physiology I (3)
 KINS 2511 - Human Anatomy and Physiology I Lab (1)
 KINS 2532 - Human Anatomy and Physiology II (3)
 KINS 2512 - Human Anatomy and Physiology II Lab (1)
 PHYS 1111 - Introduction to Physics I (3)
 PHYS 1113 - Physics Lab I (1)
 PSYC 1101 - Introduction to Psychology (3)

Minor Program:**OPTION 1 - Exercise Behavior Emphasis Requirements:**

KINS 3132 - Foundations of Exercise and Sport Psychology (3)
 KINS 3541 - Structural Kinesiology (4)
 KINS 3542 - Physiological Aspects of Exercise (4)
 KINS 3543 - Biomechanical Analysis of Movement (4)

Select one of the following:

KINS 3230 - Motor Control, Coordination, and Skill (3)
 KINS 4231 - Fitness Evaluation and Exercise Prescription (3)

OPTION 2 - Coaching Behavior Emphasis Requirements:

KINS 3430 - Principles of Coaching (3)
 KINS 3431 - Psychology of Coaching (3)
 KINS 4420 - Sport Conditioning Laboratory (2)
 KINS 4730 - Coaching Practicum (3)

Select two of the following:

KINS 3426 - Coaching Baseball and Softball (2)
 KINS 3427 - Coaching Basketball (2)
 KINS 3428 - Coaching Football (2)
 KINS 3429 - Coaching Olympic Sports (2)
 KINS 4421 - Principles of Officiating (2)

The Exercise Science Minor is open to any student interested in exercise science. Students can choose between two emphases: exercise behavior or coaching behavior.

Fashion Merchandising and Apparel Design Minor

Department: School of Human Ecology

Contact: (912) 478-5345

Minor Program:

FMAD 1234 - Apparel I (3) **OR** FMAD 2230 - Social/Psychological Aspects of Clothing (3)
 FMAD 3231 - Fashion Fundamentals (3)

FMAD 3234 - Textiles (3)

Select two of the following:

FMAD 3232 - Principles of Merchandising (3)
 FMAD 3233 - Visual Merchandising (3)
 FMAD 3235 - History of Costume (3)
 FMAD 3236 - Apparel II (3)
 FMAD 4231 - Apparel Design Analysis I (3)
 FMAD 4232 - Apparel Design Analysis II (3)
 FMAD 4234 - Fashion Presentation and Promotion (3)
 FMAD 4235 - Computer Aided Design (3)
 FMAD 4236 - Fashion Study Tour (3)

Finance Minor

Department: Department of Finance and Economics

Contact: Dr. John Hatem, Business Administration Building, Room 3310, (912) 478-5216

Minor Program:

ACCT 2030 - Survey of Accounting (3) **OR** ACCT 2101 - Financial Accounting (3)
 FINC 3131 - Principles of Corporate Finance (3)
 FINC - Three electives for which the prerequisites are met (9)

The Finance minor is open to students who want a basic understanding of finance to complement their major fields of study. ACCT 2030 or ACCT 2101 should be satisfied before any upper division course is taken. Course selections should be approved by a faculty advisor.

Foreign Language Minor

Department: Foreign Languages

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

Prerequisite(s):

Select one of the following sequences of courses with courses being taught in the same language:

Arabic:

ARAB 1001 - Elementary Arabic I (3)
 ARAB 1002 - Elementary Arabic II (3)
 FORL 2090 - Intermediate Arabic I (3)
 FORL 2090 - Intermediate Arabic II (3)

Chinese:

CHIN 1001 - Elementary Chinese I (3)
 CHIN 1002 - Elementary Chinese II (3)
 FORL 2090 - Intermediate Chinese I (3)
 FORL 2090 - Intermediate Chinese II (3)

Latin:

LATN 1001 - Elementary Latin I (3)
 LATN 1002 - Elementary Latin II (3)
 LATN 2001 - Intermediate Latin I (3)
 LATN 2002 - Intermediate Latin II (3)

Yoruba:

YORU 1001 - Elementary Yoruba I (3)
 YORU 1002 - Elementary Yoruba II (3)
 YORU 2001 - Intermediate Yoruba I (3)
 YORU 2002 - Intermediate Yoruba II (3)

Another Foreign Language (all courses must be in the same language)

FORL 1090 - Elementary Language I (3)
 FORL 1090 - Elementary Language II (3)
 FORL 2090 - Intermediate Language I (3)
 FORL 2090 - Intermediate Language II (3)

Minor Program:

FORL - Fifteen upper-division hours (15) in the same non-English language that does not currently have a minor at Georgia Southern University.

French Minor

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

Prerequisite(s):

FREN 1001 - Elementary French I (3) and FREN 1002 - Elementary French II (3), **OR** FREN 1060 - Accelerated Elementary French (6)
FREN 2001 - Intermediate French I (3) and FREN 2002 - Intermediate French II (3) or equivalent

Minor Program:

FREN - Fifteen upper-division hours (15) (*Students must earn a minimum grade of "C" in each course in French.*)

Geographic Information Science Minor

Department: Geology and Geography
Contact: Herty Building, Room 1110B, (912) 478-0667

Minor Program: (Upper Division)

GEOG 3440 - Introduction to GIS and Cartography (4)
GEOG 4542 - Intermediate GIS (4)
GEOG 4543 - Advanced GIS: Spatial Analysis and Modeling (4)

Select one of the following:

GEOG 3741 - Remote Sensing (4)
GEOG 5091 - Applied GIS (4)

Geography Minor

Department: Geology and Geography
Contact: Herty Building, Room 1110B, (912) 478-0667

Prerequisite(s): (3-4 hours)

Select one of the following:

GEOG 1101 - Introduction to Human Geography (3)
GEOG 1111 - Climate and the Landscape (3) and GEOG 1110 - Climate and the Landscape Lab (1)
GEOG 1130 - World Regional Geography (3)

Minor Program:

GEOG - Upper Division courses (15) - (3000-level and above)

For individuals seeking teacher certification through MAT, the following list of courses is recommended.

Highly recommended:

GEOG 3330 - Weather and Climate (3)
GEOG 3530 - Cultural Geography (3)

Recommended: 9 hours from the following:

GEOG 3130 - Conservation (3)
GEOG 3230 - Economic Geography (3)
GEOG 4130 - Biogeography (3)
GEOG 4232 - Geography of Latin America (3)
GEOG 4233 - Geography of Asia (3)
GEOG 4430 - Geography of Europe (3)
GEOG 5230 - Urban Geography (3)
GEOG 5330 - Population Geography (3)
GEOG 5430 - Political Geography (3)
GEOG 5590 - Field Studies in Geography (6-8)

For further information regarding Certification, please refer to the College of Education section of the Catalog.

Geology Minor

Department: Geology and Geography
Contact: Herty Building, Room 1110B, (912) 478-0667

Prerequisite(s):

GEOL 1121 - Introduction to the Earth (4)

Minor Program:

Select 8 hours from the following Upper Division courses:

GEOL 3541 - Mineralogy (4) and GEOL 3542 - Petrology (4)
GEOL 5141 - Paleontology (4) and GEOL 5142 - Stratigraphy and Sedimentation (4)
GEOL - Any combination of upper level courses (excluding GEOL 5230 and GEOL 5231) that will total at least 7 hours (7)

Additional Minor Requirements/Recommendations:

Students are encouraged to take one of two basic course tracks, either the "hard rock" sequence or the "soft rock" sequence in order to develop strength in at least one area of the science.

For individuals seeking teacher certification through MAT, the following list of courses is recommended.

GEOL 3541 - Mineralogy (4)
GEOL 3542 - Petrology and Petrography (4)
GEOL 5142 - Stratigraphy and Sedimentation (4)
GEOL 5440 - Structural Geology (4)

For further information regarding Certification, please refer to the College of Education section of the Catalog.

German Minor

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

Prerequisite(s):

GRMN 1001 - Elementary German I (3) and GRMN 1002 - Elementary German II (3), **OR** GRMN 1060 - Accelerated Elementary German (6)
GRMN 2001 - Intermediate German I (3) and GRMN 2002 - Intermediate German II (3) or equivalent

Minor Program:

GRMN - Fifteen upper-division hours (15) (Students must earn a minimum grade of "C" in each course in German.)

Graphic Communications Management Minor

Department: Art
Contact: BFSDoART Advisement and Career Center, Center for Art & Theatre Room 2018, (912) 478-2376,
artadvisement@georgiasouthern.edu

Prerequisite(s):

GCM 1131 - Graphic Communications Technology (3)

Minor Program:

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

GCM 1321 - Desktop Publishing (2)
GCM 1411 - Desktop Publishing Lab (1)
GCM 2532 - Desktop Publishing II (3)
GCM 2512 - Desktop Publishing Lab II (1)
GCM - Approved Electives (8)

NOTE: Certain prerequisites are waived for students wishing to minor in Graphic Communications Management. Please contact the Graphic Communications Management minor advisor for specific requirements.

Pending Board of Regents approval.

Health Education and Promotion Minor

Department: Department of Health and Kinesiology
Contact: Hollis Building, Room 2115, (912) 478-0200

Minor Program:

HLTH 2130 - Foundations of Health Education (3)
HLTH 3230 - Community Health (3)

Select three total from the following two lists:

HLTH 3131 - Chronic Diseases: An Emerging Epidemic
(Prerequisites: KINS 2531 and KINS 2511)
HLTH 3132 - Health Care Systems and Advocacy (3)
HLTH 3136 - Principles of Environmental Health (3)
HLTH 3231 - Epidemiology and Biostatistics (3)
HLTH 3330 - Modifying Health Behaviors (3)
HLTH 3332 - Coordinated School Health Programs (3)
HLTH 4134 - Research Methods and Evaluation in Health
Education and Promotion (3)

Health Content Courses:

(Prerequisites: HLTH 1530 - Healthful living and sophomore status)
HLTH 3130 - Substance Use and Abuse (3)
HLTH 3331 - Stress Theory and Management in Health
Promotion (3)
HLTH 3430 - Sexuality Education (3)
HLTH 3531 - Consumer Health (3)
HLTH 4230 - Maternal and Child Health (3)
HLTH 4231 - Health Aspects of Aging (3)

The Health Education and Promotion Minor is open to any student interested in health education and promotion.

History Minor

Department: History
Contact: Chair, Department of History, Forest Drive Building, Room
1105, (912) 478-4478

Minor Program:

HIST 1112 - World History II (3)
HIST 2110 - U.S. History (3)
HIST - History Courses (15)

Hospitality Management Minor

Department: Management
Contact: Dr. Gerard Burke, Business Administration Building, Room
3309, (912) 478-5161

Prerequisite(s):

ACCT 2030 - Survey of Accounting (3) OR ACCT 2101 -
Financial Accounting (3) and ACCT 2102 - Managerial
Accounting (3)

Minor Program:

HNRM 2333 - Introduction to Hotel and Restaurant
Management (3)
HNRM 3336 - Hotel Operations (3)

Select three electives from the following:

HNRM 3337 - Promoting the Hospitality Industry (3)

HNRM 3338 - Hospitality Management (3)
HNRM 4334 - Food and Beverage Operations (3)
HNRM 4335 - Restaurant Management (3)

HNRM 4336 - Hospitality Issues (3)

Human Resource Management Minor

Department: Management
Contact: Dr. Feruzan Irani Williams, Business Administration
Building, Room 2238, (912) 478-5527

Minor Program:

MGNT 3130 - Principles of Management* (3)
MGNT 3334 - Human Resource Management** (3)

Select three of the following (where prerequisites are met):

MGNT 4332 - Compensation and Benefits (3)
MGNT/CISM 4333 - Human Resources Information Systems (3)
MGNT/LSTD 4334 - Workplace Legislative Compliance (3)
MGNT 4335 - Labor Relations (3)
MGNT 4338 - Staffing, Training and Development (3)

* *Pre-business and undeclared students must meet the requirements for BBA status. Students with declared majors in other fields must have completed a minimum of 55 semester hours.*

** *Recommend taking MGNT 3130 concurrently.*

Occupational Safety and Environmental Compliance Minor

Department: Mechanical Engineering
Contact: Engineering Building, Room 2121, (912) 478-5721

Prerequisite(s): *(This course may be taken concurrently with the minor program courses below with permission of the program advisor.)*

TMET 3431 - Free Enterprise Simulation (3)

Minor Program:

TMFG 3131 - Industrial Materials and Processes (3)
TSEC 5331 - Occupational Safety (3)
TSEC 5333 - Industrial Hygiene and Ergonomics (3)
TSEC 5334 - Hazardous Waste Management (3)
TSEC 5335 - System Safety in Manufacturing (3)

Information Systems Minor

Department: Information Systems
Contact: Dr. Tom Case, Department of Information Systems, CEIT
3126, 3rd Floor, (912) 478-ISIS (4747)

Minor Program:

ACCT 2030 - Survey of Accounting (3) **OR** ACCT 2101 -
Financial Accounting (3) and ACCT 2102 - Managerial
Accounting (3)
CISM 4130 - Management of Information Systems (3) **OR**
ACCT 4130 - Accounting Information Systems (3)
CISM - Three 3000-level (or higher) electives for which the
prerequisites are met (9)

Information Technology (IT) Minor

Department: Information Technology
Contact: Chair, Department of Information Technology, CEIT 2120,
2nd Floor, (912) 478-ITIT (4848)

Prerequisite(s):

IT 1130 - Introduction to IT (3)

Minor Program:

OPTION 1 - Networking:

CISM 3134 - Data Communications (3)
IT 1430 - Web Page Development (3)
IT 2333 - IT Infrastructure (3)
IT 3132 - Web Software (3)

Select one of the following:

IT 4234 - Data Center Management (3)
IT 4335 - Network Architecture (3)
IT 5433 - Storage and Information Management (3)

IT 5434 - Network Security Fundamentals (3)

OPTION 2 - Web:

IT 1430 - Web Page Development (3)
 IT 2333 - IT Infrastructure (3)
 IT 3130 - Web Application Design and Development I (3)
 IT 3132 - Web Software (3)
 IT 4235 - Problems in Applications (3)

Japanese Minor

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

Minor Program:

Select five of the following:

JAPN 3090 - Selected Topics (3)
 JAPN 3130 - Conversation (3)
 JAPN 3131 - Reading (3)
 JAPN 3230 - Modern Japanese Literature in Translation (3)
 JAPN 3330 - Cultural Patterns (3)
 JAPN 3331 - Culture for America (3)
 JAPN 3530 - Business Japanese (3)
 JAPN 4790 - Internship (3)
 JAPN 4890 - Directed Study (3)

Journalism Minor

Department: Communication Arts
 Contact: Chair, Department of Communication Arts, Veazey Hall,
 3rd Floor, (912) 478-5138

Prerequisite(s):

COMM 2332 - Media and Society (3)
 JOUR 2331 - Introduction to Journalism (3)

Minor Program:

JOUR 3331 - News Reporting and Writing (3)
 JOUR 3335 - Copy Editing (3)
 JOUR 3337 - Law and Ethics of Mass Communication (3)
 JOUR 4331 - History of Mass Communication (3)
 JOUR - Upper division elective (3)

Justice Studies Minor

Department: Criminal Justice & Criminology
 Contact: Chair, Department of Criminal Justice & Criminology,
 Carroll Building, Room 1100, (912) 478-1098

Prerequisite(s):

CRJU 1100 - Introduction to Criminal Justice (3)

Minor Program:

Select 15 hours from the following:

CRJU - Upper Division courses (15) **OR**
 CRJU 2131 - Justice and Ethics (3) and CRJU
 - Upper Division courses (12)

Linguistics Minor

Department: Writing & Linguistics
 Contact: Dr. Thomas Klein, Department of Writing & Linguistics,
 Newton Building, Room 3306A, (912) 478-5350,
 tklein@georgiasouthern.edu

Minor Program:

LING 3533 - Introduction to Language (3)

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

Select 12 hours from the following:

LING 3030 - Selected Topics in Linguistics (3)
 LING 3031 - Phonology (3)
 LING 3032 - Syntax (3)
 LING 3337 - Language, Power, Politics (3)
 LING 3338 - Language and Law (3)
 LING/PSYC 3534 - Psychology of Language (3)
 LING 3630 - Language and Linguistic Theory (3)
 LING 4133 - Gullah and Geechee Language and Culture (3)
 LING 4333 - Semantics (3)
 LING 5130 - Modern English Grammar (3)
 LING 5330 - History of the English Language (3)
 LING 5530 - Sociolinguistics (3)
 WRIT 4790 - Internship in Writing and Linguistics (3)

Management Minor

Department: Management
 Contact: Dr. Gerard Burke, Business Administration Building, Room
 3309, (912) 478-5161

Minor Program:

ACCT 2030 - Survey of Accounting (3)
 MGNT 3130 - Management and Organizational Behavior (3)
 MGNT 3134 - Behavior in Organizations (3)
 MGNT 3334 - Human Resource Management (3)
 MGNT - One elective for which the prerequisites are met (3)

Marketing Minor

Department: Marketing and Logistics
 Contact: Dr. Jerry W. Wilson, Business Administration Building,
 Room 2204, (912) 478-6625

Minor Program:

ACCT 2030 - Survey of Accounting (3)
 MKTG 3131 - Principles of Marketing (3)
 MKTG - Three electives for which the prerequisites are met (9)

Mathematics Minor

Department: Mathematical Sciences
 Contact: Math Physics Building, Room 3008, (912) 478-5132

Prerequisite(s):

MATH 1441 - Calculus I (4)
 MATH 2242 - Calculus II (4)

Minor Program:

MATH 2331 - Elementary Linear Algebra (3)

Select one of the following:

MATH 2243 - Calculus III (4)
 MATH 2332 - Mathematical Structures (3)

MATH - Any 3000-level or above MATH/STAT courses approved for the B.S. with a Major in Mathematics or the B.S. in Mathematics degree programs (9)

Military Science Minor

Department: Military Science
 Contact: Building 804, Room 1016, (912) 478-5320

Minor Program:

MSCI 3131 - Advanced Tactics and Applied Leadership I (3)
 MSCI 3132 - Advanced Tactics and Applied Leadership II (3)
 MSCI 4131 - Military Leadership and Management Seminar (3)
 MSCI 4132 - Transition to Lieutenant (3)

Military History. Select one of the following:

HIST 3136 - US as a Global Power (3)

HIST 3230 - American Military History (3) **OR** MSCI 4890 - American Military History (3) - *preferred*
 HIST 4531 - World War I (3)
 HIST 5335 - World War II (3)

Additional Minor requirement:

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.

Multimedia Communication Minor

Department: Communication Arts

Contact: Chair, Department of Communication Arts, Veazey Hall, 3rd Floor, (912) 478-5138

Prerequisite(s):

COMM 2332 - Media and Society (3)
 Passage of Grammar Proficiency Exam or a minimum grade of "C" in WRIT 3520 - Revision, Grammar and Culture (3)

Minor Program:

MMC 2110 - Broadcast Technology (1)
 MMC 2335 - Introduction to Media Writing (3)
 MMC/JOUR 3337 - Media Law and Ethics (3)
 MMC - Three Upper Division elective (9)

Music - Applied Minor

Department: Music

Contact: Chair, Department of Music, Foy 1st Floor, (912) 478-5396

Prerequisite(s):

MUSC 1100 - Music Appreciation (3)

Minor Program:

MUSA 3xxx - Applied Lessons (3 semesters) (6)
 MUSC 1333 - Music Fundamentals I (3)
 MUSC 1334 - Music Fundamentals II (3)
 MUSE 1100 - Recital Attendance (2 semesters) (0)
 MUSE 3xxx - Ensembles (3 semesters) (3)

Additional Minor Requirements/Recommendations:

Music -Applied Minors must be admitted by passing an audition in applied music. Students must be formally advised by a minor advisor and a minor must be declared prior to completing seven hours in the minor or registration for applied lessons. 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

Department: Music

Contact: Chair, Department of Music, Foy 1st Floor, (912) 478-5396

Prerequisite(s):

MUSC 1100 - Music Appreciation (3)

Minor Program:

MUSC 1333 - Music Fundamentals I (3)
 MUSC 1334 - Music Fundamentals II (3)
 MUSE 1100 - Recital Attendance (2 semesters) (0)

Select 9 hours from the following:

MUSC 3131 - Music History I (3)
 MUSC 3132 - Music History II (3)
 MUSC 5234 - Opera History (3)

MUSC 5236 - Jazz History (3)

MUSC xxxx - Upper division Music Literature Elective (3)

Additional Minor Requirements/Recommendations:

Students must be formally advised by a minor advisor and a minor must be declared prior to completing seven hours in the minor.

Music - Music Technology Minor

Department: Music

Contact: Chair, Department of Music, Foy 1st Floor, (912) 478-5396

Prerequisite(s):

MUSC 1100 - Music Appreciation (3)

Minor Program:

MUSC 1333 - Music Fundamentals I (3) *
 MUSC 1334 - Music Fundamentals II (3) *
 MUSC 1515 - Technology in Music (1)
 MUSC 5530 - Recording Studio Techniques (3)
 MUSC 5531 - MIDI Sequencing (3)
 MUSC 5630 - Music, Technology, and Contemporary Culture (3)
 MUSE 1100 -Recital Attendance (2 semesters) (0)
 *B.A. Music majors substitute CEIT 1230 - Introduction to Web Technologies (3) and CSCI 1236 - Introduction to Java Programming (3).

Additional Minor Requirements/Recommendations:

Students must be formally advised by a minor advisor and a minor must be declared prior to completing seven hours in the minor.

Nutrition and Food Science Minor

Department: Department of Health and Kinesiology

Contact: Hollis Building, Room 2115, (912) 478-0200

Minor Program:

NTFS 2534 - Introductory Food Science (3)

Select one of the following:

NTFS 2530 - Nutrition and Health (3)
 NTFS 2535 - Nutrition and Diet Therapy (3)

Select three of the following:

NTFS 3535 - Life Cycle Nutrition (3)
 NTFS 3630 - Sports Nutrition (3)
 NTFS 3631 - Sustainable Foods (3)
 NTFS 4195S - Studies Abroad in Health and Kinesiology (0-6)
 NTFS 4535 - Community Nutrition (3)
 NTFS 4630 - Cultural Foods (3)
 NTFS 4899 - Directed Individual Study (1-6)

The Nutrition and Food Science Minor is open to any student interested in Nutrition and Food Science.

Philosophy Minor

Department: Literature & Philosophy

Contact: Chair, Department of Literature & Philosophy, Newton Hall, (912) 478-5471

Minor Program:

Select 15 hours from the following:

PHIL - Upper Division courses (15) **OR**
 PHIL 2020 - Critical Thinking (3) and PHIL - Upper Division courses (12)

Physics Minor

Department: Physics

Contact: Math Physics Building, Room 2005, (912) 478-5292

Prerequisite(s): (8 hours)

PHYS 1113 - Physics Lab I (1)

PHYS 1114 - Physics Lab II (1)

Select one 6-hour sequence from the following:

PHYS 1111 - Introduction to Physics I (3) and PHYS 1112 - Introduction to Physics II (3)

PHYS 2211 - Principles of Physics I (3) and PHYS 2212 - Principles of Physics II (3)

Minor Program:Select 15 hours from the following Upper Division courses: (*must have approval of the physics advisor*)

ASTR 3137 - The Search for Life in the Universe (3)

ASTR 3538 - Physical Astronomy (3)

ASTR 4130 - Astrophysics (3)

ASTR 4138 - Galactic Astronomy (3)

ASTR 4330 - Observational Techniques in Astronomy (3)

PHYS 3130 - Sound Waves and Acoustics (3)

PHYS 3131 - Optics (3)

PHYS 3149 - Methods of Theoretical Physics (4)

PHYS 3420 - Advanced Physics Laboratory (2)

PHYS 3520 - Problem Solving in Physics (2)

PHYS 3536 - Modern Physics I (3) and PHYS 3537 - Modern Physics II (3)

PHYS 3539 - Introduction to Biophysics (3)

PHYS 3542 - Analog Electronics (3)

PHYS 3543 - Digital Electronics (4)

PHYS 3558 - Introduction to General Relativity (3)

PHYS 4131 - Quantum Optics (3)

PHYS 4232 - Properties of Materials (3)

PHYS 4332 - Principles of Laser (3)

PHYS 5151 - Classical Mechanics (5)

PHYS 5152 - Classical Electromagnetic Theory (5)

PHYS 5530 - Thermal Physics (3)

PHYS 5557 - Quantum Mechanics (5)

For individuals seeking teacher certification through MAT, the following list of courses is strongly recommended as part of the 15 credit hours requirement.

PHYS 3536 - Modern Physics I (3)

PHYS 3537 - Modern Physics II(3)

*For further information regarding Certification, please refer to the College of Education section of the Catalog.***Political Science Minor**

Department: Political Science

Contact: Chair, Department of Political Science, Carroll 2287, (912) 478-5698

Prerequisite(s):

POLS 2101 - Introduction to Political Science (3)

Minor Program:POLS - Upper Division courses (15) (*Planned with major advisor*)**Professional and Technical Writing Minor**

Department: Writing & Linguistics

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

Required Course:

WRIT 3220 - Foundations in Technical and Professional Writing (3)

Select four courses from the following:

*WRIT 3030 - Selected Topics in Writing (3)

WRIT 3230 - Writing in the Workplace (3)

WRIT 3232 - Writing Visual Information (3)

WRIT 3233 - Professional Editing (3)

WRIT 3234 - Research Methods for Writers (3)

WRIT 4380 - Writing Grants and Proposals (3)

WRIT 4790 - Internship in Writing and Linguistics (1-6)

*WRIT 5030 - Selected Topics (3)

WRIT 5550 - Technologies of Writing (3)

WRIT 5650 - Writing for Publication (3)

WRIT 5930 - Technical Writing (3)

Chosen in consultation with adviser.*Psychology Minor**

Department: Psychology

Contact: Chair, Department of Psychology, Brannen Hall, (912) 478-5539

Prerequisite(s):

PSYC 1101 - Introduction to Psychology (3)

Minor Program:

PSYC - Upper Division courses (15) (Must take one each from Groups I, II, and III as defined under the B.S. psychology major requirements plus any two additional upper division psychology courses as approved by the major advisor.)

Public Relations Minor

Department: Communication Arts

Contact: Chair, Department of Communication Arts, Veazey Hall, 3rd Floor, (912) 478-5138

Prerequisite(s):

COMM 2332 - Media and Society (3)

JOUR 2331 - Introduction to Journalism (3)

Minor Program:

PRCA 2330 - Introduction to Public Relations (3)

PRCA 3330 - Public Relations Writing (3) **OR** JOUR 3331 - News Reporting and Writing (3)PRCA - Upper Division electives with appropriate prerequisites (6) (*Upper Division electives cannot include internship courses*)**Recreation and Tourism Management Minor**

Department: School of Human Ecology

Contact: (912) 478-5345

Minor Program:

RECR 1530 - Introduction to Recreation (3)

Select 12 hours from the following:

RECR 2131 - Introduction to Therapeutic Recreation (3)

RECR 2530 - Leadership and Programming in Leisure Services (3)

RECR 3135 - Program Planning in Therapeutic Recreation (3)

RECR 3230 - Adventure Education (3)

RECR 3235 - Outdoor Recreation Management (3)

RECR 3236 - Planning Recreation Areas and Facilities (3)

RECR 3335 - Introduction to Tourism Management (3)

RECR 3430 - Conference and Event Planning (3)

- RECR 3530 - Attractions and Tourism Management Field School (3)
- RECR 4130 - Assessment and Documentation in Therapeutic Recreation (3)
- RECR 4135 - Therapeutic Recreation Intervention Techniques (3)
- RECR 4230 - Environmental Education and Interpretation (3)
- RECR 4430 - Financial and Legal Dimensions (3)
- RECR 4435 - Managing Recreation Organizations (3)
- RECR 4530 - Marketing Recreation Services (3)

Additional Minor Requirements/Recommendations:
Consultation with an RTM faculty member.

The Recreation and Tourism Management Minor is open to any student interested in the fields of community recreation, outdoor recreation, tourism management, or therapeutic recreation.

Sociology Minor

Department: Sociology & Anthropology
Contact: Chair, Department of Sociology & Anthropology, Carroll Building, (912) 478-5443

Prerequisite(s):

- SOCI 1101 - Introduction to Sociology (3)

Minor Program:

- SOCI - Upper Division courses (15) (excluding SOCI 4790)

Spanish Minor

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

Prerequisite(s):

- SPAN 1001 - Elementary Spanish I (3) and SPAN 1002 - Elementary Spanish II (3) **OR** SPAN 1060 - Accelerated Elementary Spanish (6)
- SPAN 2001 - Intermediate Spanish I (3) and SPAN 2002 - Intermediate Spanish II (3) **OR** SPAN 2060 - Accelerated Intermediate Spanish (6)

Minor Program:

- SPAN - Fifteen upper-division hours (15) (Students must earn a minimum grade of "C" in each course in Spanish.)

Spanish for the Professions Minor

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

Minor Program:

Note: This minor is not available to students seeking the B.A. in Modern Languages (concentration Spanish) degree nor the Spanish Minor.

- SPAN 3131 - Spanish Grammar and Composition (3)
- SPAN 3132 - Spanish Phonetics and Phonology (3)
- SPAN 3530 - Introduction to Spanish for Business (3)
- SPAN - professions-related upper-division courses (6) (*to be selected in consultation with a Spanish advisor*)

Theatre Minor

Department: Communication Arts
Contact: Chair, Department of Communication Arts, Veazey Hall, 3rd Floor, (912) 478-5138

Prerequisite(s):

- THEA 1100 - Theatre Appreciation (3)

Minor Program:

- THEA 2333 - Fundamentals of Acting (3) **OR** THEA 2332 - Stagecraft (3)
- THEA - Upper Division courses (12)

Writing Minor

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

Minor Program:

- Select five Upper Division Writing and Linguistics courses (15)

Interdisciplinary Minors

Minors are available in fifteen interdisciplinary areas, each of which is coordinated by a committee of faculty from the disciplines involved. A student who minors in one of these areas typically will major in one of the disciplines whose courses are listed in the minor. Otherwise, the student must secure the approval of the committee. Approval also is required for the group of courses selected to comprise the minor.

Guidelines for Interdisciplinary Minors

The interdisciplinary minor offers an opportunity to elect courses focused on a given area of study from more than one discipline. As with single discipline minors, the interdisciplinary minor is distinct from the major program of study.

The following guidelines apply to all interdisciplinary minors:

1. A minor must contain 15 semester hours of coursework with at least 12 upper division hours. Typically, courses taken for the minor shall be in at least two disciplines other than the major. A minimum of nine of the fifteen hours must be earned at Georgia Southern University.
2. While courses taken to satisfy Core Areas A1 through E may not be used to satisfy coursework in the minor, courses listed in Area F may be counted as coursework in the minor.
3. A student has the option of taking one authorized lower division course and one upper division course crosslisted with the student's major to fulfill minor requirements.
4. The chairperson of the minor program must approve the courses selected for the minor.
5. Students should declare the minor by the beginning of the junior year and advise the chairperson of the minor program of that decision.

Africana Studies Interdisciplinary Minor

Department: Center for Africana Studies

Contact: Dr. Saba Jallow, Director, Center for Africana Studies,
Forest Drive Building, Room 1116, (912) 478-5387

Minor Program:

- AAST 3230 - Introduction to Africana Studies (3)
- AAST 4630 - Seminar in Africana Studies (3)

An additional 9 semester hours of courses with a significant Africana dimension in at least two disciplines other than the major must be completed for a total of 15 semester 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 Africana Studies Interdisciplinary Minor.

Select 9 hours from the following:

- AAST 3030 - Selected Topics in Africana Studies (1-3)
- AAST/HIST/AMST 3130 - African American History to 1877 (3)
- AAST/HIST/AMST 3131 - African American History Since 1877 (3)
- AAST 3230 - Introduction to Africana Studies (3)
- AAST/ENGL/AMST 3231 - Survey of African American Literature (3)
- AAST/POLS/AMST 3237 - African American Politics (3)
- AAST/YORU 3330 - Yoruba Culture and Civilization (3)
- AAST/THEA/AMST 3332 - African American Theatre (3)

- AAST/FREN 3336 - Francophone Cultures of Africa and Caribbean (3)
- AAST/POLS 3431 - African Politics (3)
- AAST/ARTH 3435 - African Art and Culture (3)
- AAST/ARTH 3436 - African American Art (3)
- AAST/HIST/INTS 3530 - History of Africa to 1800 (3)
- AAST/HIST/INTS 3531 - History of Africa Since 1800 (3)
- AAST/AMST/ANTH/LING 4133 - Gullah and Geechee Language and Culture (3)
- AAST/GEOG 4330 - Geography of Africa South of the Sahara (3)
- AAST/COMS/AMST 4337 - Rhetoric of Social Movements (3)
- AAST/SOCI 4431 - Inequality (3)
- AAST/HIST 4530 - Revelation and Revolution (3)
- AAST/HIST 4532 - Destruction of Slavery (3)
- AAST 4630 - Seminar in Africana Studies (3)
- AAST/YORU 4890 - Directed Individual Study in Yoruba (1-15)
- AAST/HIST 5233 - The American City (3)
- AAST/MUSC 5236 - Jazz History (3)
- AAST/SOCI/AMST 5333 - Race and Ethnicity (3)
- AAST/SOCI/ANTH/AMST 5435 - The South in American Culture (3)
- AAST/ANTH 5437 - Cultures of Africa (3)
- AAST/ENGL/WGST 5539 - Literature by Women (3)
- LING/ANTH/COMM/WRIT 5530 - Sociolinguistics (3)
- YORU 1002 - Elementary Yoruba II (3)
- YORU 2002 - Intermediate Yoruba II (3)
- YORU 3130 - Yoruba Conversation (3)

American Studies Interdisciplinary Minor

Department: Sociology and Anthropology

Contacts: Dr. Larry Griffin, (912) 478-5548,

ljgriffin@georgiasouthern.edu

Minor Program:

- AMST 3033 - Introduction to American Studies (3)
- AMST 4033 - Seminar in American Studies (3)

An additional 9 semester hours of courses with significant American Studies dimension in at least two disciplines other than the major must be completed for a total of 15 semester hours. Courses may be selected from the list of courses below approved for the minor. Other courses must be approved by one of the directors of the American Studies Interdisciplinary Minor.

Select 9 hours from the following:

- AMST/AAST/HIST 3130 - African American History to 1877 (3)
- AMST/AAST 3131 - African American History Since 1877 (3)
- AMST/HIST 3133 - United States Constitutional History (3)
- AMST/HIST 3134 - American Economic History (3)
- AMST/WGST/HIST 3137 - Topics in U.S. Women's History (3)
- AMST/HIST 3230 - American Military History (3)
- AMST/AAST/ENGL 3231 - Survey of African American Literature (3)
- AMST/AAST/POLS 3237 - African American Politics (3)
- AMST/FILM 3331 - History of American Film (3)
- AMST/AAST/THEA 3332 - African American Theatre (3)
- AMST/SOCI 3336 - Social Problems (3)
- AMST/ARTH 3437 - American Art (3)

AMST/POLS 4130 - American Political Thought (3)
 AMST/HIST 4131 - American Biography (3)
 AMST/HIST 4132 - Recent America: US Since 1945 (3)
 AMST/AAST/ANTH/LING 4133 - Gullah and Geechee Language and Culture (3)
 AMST/ENGL 4237 - The American Novel (3)
 AMST/AAST/SOCI 4333 - Race and Ethnicity (3)
 AMST/AAST/COMS 4337 - Rhetoric of Social Movements (3)
 AMST/HIST 4431 - Invasion of the Americas: Contact, Encounter and Colonization in Early America (3)
 AMST/HIST 4432 - Early American History (3)
 AMST/GEOG 5130 - Historical Geography of North America (3)
 AMST/ANTH 5131 - Historical Archaeology (3)
 AMST/HIST 5133 - Revolutionary America (3)
 AMST/HIST 5134 - Civil War and Reconstruction (3)
 AMST/HIST 5137 - The Antebellum South (3)
 AMST/ENGL 5230 - Colonial American Literature (3)
 AMST/ENGL 5231 - American Romanticism (3)
 AMST/ENGL 5233 - American Realism (3)
 AMST/ENGL 5234 - Southern Literature (3)
 AMST/MUSC 5236 - Jazz History (3)
 AMST/ANTH 5431 - North American Indians (3)
 AMST/ANTH 5432 - Southeastern Indians (3)
 AMST/AAST/ANTH/SOCI 5435 - The South in American Culture (3)

The list of additional courses approved for the American Studies Interdisciplinary Minor can be obtained from the director.

Classical and Medieval Studies Interdisciplinary Minor

Department: History
 Contact: Timothy Teeter, History Department, Forest Drive Building, (912) 478-0239

Minor Program:

HIST 1111 - World History I (3)
 LATN - Any 3000 or 4000 level course (3)

Select at least four of the following courses:

ARTH 2531 - Art History I (3)
 ARTH 3530 - Ancient Art (3)
 ARTH 3531 - Medieval Art (3)
 ENGL 4135 - Chaucer (3)
 ENGL 5530 - Bible as Literature (3)
 HIST 3030 - Selected Topics in History (3)
 HIST 3330 - History of Greece (3)
 HIST 3331 - History of Rome (3)
 HIST 3332 - Late Antiquity (3)
 HIST 3333 - The Middle Ages (3)
 HIST 3334 - History of Christianity 450-1750 (3)
 HIST 3430 - History of England to 1603 (3)
 HIST 5331 - The Age of Chivalry: Europe 1000-1300 (3)
 LATN 3131 - Latin Authors (3)
 LATN 3330 - Roman Women (3)
 LATN 4890 - Directed Independent Study in Latin (at least 3 hours)
 PHIL 3431 - Ancient Philosophy (3)
 POLS 3336 - Classical Political Thought (3)

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 (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.

Comparative Literature Interdisciplinary Minor

Department: Literature and Philosophy
 Contact: Dr. Michael McGrath, Department of Foreign Languages, Forest Drive Building, Room 1346, (912) 478-0115

Minor Program:

COML 2531 - Crossing Borders: Introduction to Comparative Literature (3)

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

COML/ENGL 3090 - Selected Topics (3)
 COML/ENGL 5330 - World Drama to Romanticism (3)
 COML/ENGL 5530 - The Bible as Literature (3)
 COML/ENGL 5533 - Literary Criticism and Theory (3)
 COML/ENGL 5536 - Post-Colonial Literature (3)
 ENGL 5538 - World Fiction since 1900 (3)

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

ARTH 3435 - African Art (3)
 ARTH 3530 - Ancient Art (3)
 ARTH 3531 - Medieval Art (3)
 ARTH 3532 - Renaissance Art (3)
 ARTH 3533 - Baroque and Rococo Art (3)
 ARTH 3534 - Nineteenth Century Art (3)
 ARTH 4530 - Twentieth Century Art (3)
 COMM 3331 - Media Criticism (3)
 COML 3530 - Literary Translation (3)
 FILM 3332 - Documentary Film (3)
 FILM 3333 - Art of Film (3)
 MUSC 3131 - History of Music I (3)
 MUSC 3132 - History of Music II (3)
 MUSC 5236 - Jazz History (3)
 PHIL 3330 - Aesthetics (3)
 THEA 4330 - Theatre History: To the Elizabethans (3)
 THEA 4331 - Theatre History: Elizabethan to Modern (3)

For non-Foreign Language majors, one foreign language literature course (3)

Film Studies Interdisciplinary Minor

Department: Communication Arts
 Contact: Joanna Bastarache, Communication Arts Department, Building: Veazey Hall, Room 3006, (912) 478-5777

Prerequisite(s):

Select one of the following:

- FILM 2331 - Introduction to Film Studies (3)
- FILM/ENGL 2434 - The Language of Film (3)

Minor Program:

- FILM/AMST 3331 - History of American Film (3)
- FILM 3333 - Art of Film (3)

Select three of the following:

- FILM /WRIT 2531 - Introduction to Screenwriting (3)
- FILM 3030 - Selected Topics in Film (3)
- FILM/ENGL 3232 - Adaptation of Literature (3)
- FILM 3332 - Documentary Film (3)
- FILM/POLS 3334 - Film and Politics (3)
- FILM/IRSH 3430 - Ireland in Film (3)
- FILM 3531 - Advanced Screenwriting (3)
- FILM/ENGL 3535 - Patterns in Film and Literature (3)

Fraud Examination Interdisciplinary Minor

Department: School of Accountancy
 Contact Dr. J. Charles Williamson, School of Accountancy,
 Business Administration Building, Room 2200, (912) 478-0103

Minor Program:

- ACCT 4631 - Macro Fraud Examination (3)
- ACCT 4632 - Micro Fraud Examination (3)
- LSTD 3630 - White Collar Crime (3)
- LSTD 3631 - Fraud and the Law (3)
- LSTD 4633 - Forensic Interviews and Interrogations (3)

Select one of the following:

- ACCT 2030* - Survey of Accounting (3)
- ACCT 2101* - Financial Accounting (3)
- ACCT 2102* - Managerial Accounting (3)

**Business majors take ACCT 2101/ACCT 2102. Other students take ACCT 2030. ACCT 2101 and ACCT 2030 are in Area F.*

Humanities Interdisciplinary Minor

Department: Music
 Contact: Dr. Gregory Harwood, Department of Music, Foy Fine
 Arts Building, (912) 478-5813

Prerequisite(s):

- HUMN 2321 - Humanities I (3)
- HUMN 2322 - Humanities II (3)

Minor Program:

An additional 15 semester hours of courses with a significant Humanities dimension in at least three different areas must be completed for a total of 15 hours, 12 hours of which must be upper-division courses (3000 or above). Courses may be selected from the list of courses below approved for the minor. Other courses may be approved by the director of the Humanities Interdisciplinary minor.

Select 15 hours from the following:

- ARTH/AAST 3435 - African Art (3)
- ARTH/AAST 3436 - African American Art (3)
- ARTH/AMST 3437 - American Art (3)
- ARTH 3530/3530S - Ancient Art (3)
- ARTH 3531/3531S - Medieval Art (3)
- ARTH 3532 - Renaissance Art (3)
- ARTH 3533 - Baroque and Rococo Art (3)
- ARTH 3534 - Nineteenth-Century Art (3)
- ARTH 4530 - Twentieth Century Art (3)
- ARTH 4531 - Contemporary Art (3)
- ENGL/AAST/AMST 3231 - Survey of African American Literature (3)

- ENGL/WGST 3237 - Women and Literature (3)
- ENGL/FILM 3535 - Patterns in Film and Literature (3)
- ENGL 4133/4133S - The British Novel (3)
- ENGL 4135/4135S - Chaucer (3)
- ENGL/AMST 4237 - The American Novel (3)
- ENGL 4337 - Shakespeare (3)
- ENGL 4435/4435S - Single Author (3)
- ENGL/WGST 5539 - Literature by Women (3)
- FILM 3332 - Documentary Film (3)
- FILM 3333 - Art of Film (3)
- HUMN 2433/2433S - Classicism (2) (only one 2000-level course may be included)
- HUMN 2434/2434S - Myth in Arts and Humanities (2) (only one 2000-level course may be included)
- MUSC 3131 - History of Music I (3)
- MUSC 3132 - History of Music II (3)
- MUSC 4234 - History of Opera (3)
- MUSC 5231 - Music in the Classic Period (3)
- MUSC 5232 - Music in the Romantic Period (3)
- MUSC 5233 - Music in the Contemporary Period (3)
- MUSC/AAST/AMST 5236 - Jazz History (3)
- PHIL/RELS 3131 - World Religions (3)
- PHIL 3330/3330S - Introduction to Art and Beauty (3)
- PHIL 3431/3431S - Ancient Philosophy (3)
- PHIL 3432 - Modern Philosophy (3)
- PHIL 3433 - Nineteenth Century European Philosophy (3)
- PHIL 3434 - Contemporary Philosophy (3)
- PHIL 3531 - Theory of Knowledge (3)
- PHIL 3532/3532S - Metaphysics (3)
- PHIL 3635 - Existentialism (3)
- PHIL/WGST 4130 - Feminist Philosophy (3)
- PHIL/RELS 4632 - Philosophy of Religion (3)
- RELS/HIST 3139 - History of Religion in the U.S. (3)
- RELS/HIST 3233 - The Early Church (3)
- RELS/HIST/INST 3250 - The Muslim World to Tamerlane (3)
- RELS/HIST/INST 3251 - The Muslim World Since Genghis Khan (3)
- RELS 3330 - Introduction to the Old Testament (3)
- RELS/HIST 3334 - Christian Europe 450-1750 (3)
- RELS/HIST 5332 - The Reformation (3)
- RELS/COML/ENGL 5530 - The Bible as Literature (3)
- THEA/AAST/AMST 3332 - African American Theater (3)
- THEA/IRSH 3333 - Irish Theater (3)
- THEA 4330 - Theatre History: To the Elizabethans (3)
- THEA 4331/4331S - Theatre History: Elizabethan to Modern (3)
- THEA 4338 - Seminar: World Theater (3)

International Studies Interdisciplinary Minor

Department: Center for International Studies
 Contact: Director, Center for International Studies, Forest Drive
 Building, Room 1323, (912) 478-0332

Prerequisite(s):

- INTS 2130/2130S - Introduction to International Studies (3)

Minor Program:

- INTS 3130 - Contemporary World Cultures (3)
- INTS 3230 - Global Issues (3)

An additional 9 semester 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 semester 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.

Courses approved for the International Studies Interdisciplinary Minor can be obtained in the Center for International Studies.

Irish Studies Interdisciplinary Minor

Department: Center for Irish Studies

Contact: Howard Keeley, Ph.D., Director, Center for Irish Studies, Room 3302, Newton Building, (912) 478-2350, irish@georgiasouthern.edu, <http://class.georgiasouthern.edu/irish>

Minor Program:

The interdisciplinary Minor in Irish Studies requires fifteen semester hours of courses with a significant Irish dimension. Nine of the required fifteen hours must derive from upper-division courses. Six of the required fifteen hours may, but do not have to, derive from lower-division courses.

Courses may be selected from the list of courses below approved for the minor. Other courses with an Irish concentration must be approved by the Director of the Center for Irish Studies.

On a regular basis, students pursuing the Minor in Irish Studies should consult with the Director of the Center for Irish Studies. They should also check the semester-by-semester course listings on the Center for Irish Studies webpage. To supplement the list of courses approved for the Minor in Irish Studies, the Center generally offers additional Irish courses through its summer study-in-Ireland program at the Waterford Institute of Technology in southeast Ireland.

Select 15 hours from the following:

- ANTH 4431 - Anthropology of European Cultures (3)
- ENGL 5136 - Medieval British Literature (3)
- ENGL 5238 - Irish Women Writers (3)
- HIST 3430 - History of England to 1603 (3)
- HIST 3431 - England Since 1603 (3)
- IRSH 1001 - Gaelic Irish I (3)
- IRSH 2001 - Gaelic Irish II (3)
- IRSH 2130 - Introduction to Irish Culture (3)
- IRSH 3090 - Selected Topics (3)
- IRSH/THEA 3333 - Irish Theatre (3)
- IRSH/FILM 3430 - Ireland in Film (3)
- IRSH/POLS 3432 - Celtic Identity and Conflict (3)
- IRSH/ENGL 5235 - Irish Literature to 1850 (3)
- IRSH/ENGL 5236 - Irish Literature since 1850 (3)

Japanese Studies Interdisciplinary Minor

Department: Foreign Languages

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

Minor Program:

Select five of the following:

- JAPN 3090 - Selected Topics (3)
- JAPN 3130 - Conversation (3)
- JAPN 3131 - Reading (3)
- JAPN 3230 - Modern Japanese Literature in Translation (3)
- JAPN 3330 - Cultural Patterns (3)
- JAPN 3331 - Culture for America (3)
- JAPN 3530 - Business Japanese (3)
- JAPN 4790 - Internship (3)
- JAPN 4890 - Directed Study (3)

Latin American Studies Interdisciplinary Minor

Department: Center for International Studies

Contact: Director, Center for International Studies, Forest Drive Building, Room 1323, (912) 478-0332

Minor Program:

- INTS 3130 - Contemporary World Cultures (3)
- LAST 4890 - Seminar in Latin American Studies (3)

An additional 9 semester hours of courses with significant Latin American dimension in at least two disciplines other than the major must be completed for a total of 15 semester 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 Latin American Studies Interdisciplinary Minor.

Select three of the following:

- LAST 3090 - Selected Topics in Latin American Studies (3)
- LAST/POLS 3133 - Latin American Politics (3)
- LAST/HIST/INTS 3537 - Colonial Latin America (3)
- LAST/HIST/INTS 3538 - Modern Latin America (3)
- LAST/ANTH 4135 - Mesoamerican Archeology (3)
- LAST/SPAN 4231 - Spanish American Life, Literature, and Thought (3)
- LAST/GEOG 4232 - Geography of Latin America (3)
- LAST/SPAN 5232/5232G - Studies in Hispanic Societies (3)
- SPAN 3335 - Conversation, Composition, Culture: South America (3)
- SPAN 3336 - Conversation, Composition, Culture: Mexico and Central America (3)
- SPAN 3337 - Conversation, Composition, Culture: The Caribbean (3)

Linguistics Interdisciplinary Minor

Department: Writing and Linguistics

Contact: Dr. Thomas Klein, Writing and Linguistics Department, Newton Building, Room 3306 A, (912) 478-5350, tklein@georgiasouthern.edu

Minor Program:

- LING/FORL 3533 - Introduction to Language (3)

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

Select 12 hours from the following:

- LING 3030 - Selected Topics in Linguistics (3)
- LING 3031 - Phonology (3)
- LING 3032 - Syntax (3)
- LING/AAST/ANTH/POLS 3337 - Language, Power, Politics (3)
- LING/POLS 3338 - Language and Law (3)
- LING/PSYC 3534 - Psychology of Language (3)
- LING 3630 - Language and Linguistic Theory (3)
- LING/AMST/AAST/ANTH 4133 - Gullah and Geechee Language and Culture (3)
- LING 4333 - Semantics (3)
- LING/WRIT 5130 - Modern English Grammar (3)
- LING/WRIT 5330 - History of the English Language (3)
- LING/ANTH/WRIT 5530 - Sociolinguistics (3)
- WRIT 4790 - Internship in Writing and Linguistics (3)

Religious Studies Interdisciplinary Minor

Department: Literature and Philosophy

Contact: Dr. Hemchand Gossai, Literature and Philosophy

Department, Newton Building, Room 2222C, (912) 478-0222

Minor Program:

RELS 2130 - Introduction to Religion (3)

RELS 4890 - Seminar in Religious Studies (3)

An additional 9 semester hours of courses with significant Religious Studies dimension in at least two disciplines other than the major must be completed for a total of 15 semester 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 Religious Studies Interdisciplinary Minor.

Select three of the following:

RELS/HIST 3030 - Selected Topics (3)

RELS/PHIL 3131 - World Religions (3)

RELS 3134 - Introduction to Asian Religions (3)

RELS 3135 - Introduction to Hinduism (3)

RELS 3136 - Introduction to Global Islam (3)

RELS/HIST 3139 - Introduction to the History of Religion in the U. S. (3)

RELS/PSYC 3231 - Psychology of Religion (3)

RELS 3238 - The Hebrew Prophets (3)

RELS/HIST 3233 - The Early Church (3)

RELS/HIST 3250 - The Muslim World to Tamerlane (3)

RELS/HIST 3251 - The Muslim World Since Genghis Khan (3)

RELS 3330 - Introduction to the Hebrew Bible (3)

RELS/HIST 3332 - Late Antiquity (3)

RELS/HIST 3334 - Christian Europe 450-1750 (3)

RELS 3335 - Introduction to the New Testament (3)

RELS/PSYC 3336 - Humanistic and Transpersonal Psychology (3)

RELS/PHIL 3635 - Existentialism (3)

RELS/PHIL 4632 - Philosophy of Religion (3)

RELS/SOCI 5133 - Sociology of Religion (3)

RELS/HIST 5332 - The Reformation (3)

RELS/ENGL 5530 - The Bible as Literature (3)

Web Media Interdisciplinary Minor

Department: Information Technology

Contact: Dr. Art Gowan, Information Technology, CEIT Building

Room 2120A, (912) 478-7679

Minor Program:

Required: 2.5 Institutional GPA and passage of Grammar Proficiency Exam, or a minimum grade of "C" in WRIT 3520 - Revision, Grammar, and Culture (3)

ART 2233 - Computer Graphics (3)

CISM 1110/1110S - Computer Applications (1)

CISM 1120/1120S - Computer Concepts (2)

COMM 2332/2332S - Media and Society (3)

GCM 5332 - Multimedia Presentations (3)

IT 1430 - Web Page Development (3)

IT 3132 - Web Software (3)

MMC/JOUR 3337 - Media Law & Ethics (3)

Women's and Gender Studies Interdisciplinary Minor

Department: Women's and Gender Studies

Contact: Dr. Sandra Peacock, (912) 478-0625,

speacock@georgiasouthern.edu

Minor Program:

WGST 2530 - Introduction to Women's and Gender Studies (3)

An additional 12 semester hours of courses with significant Women and Gender Studies dimension in at least two disciplines other than the major must be completed for a total of 15 semester 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 Women's and Gender Studies Program.

Select four of the following:

WGST 3090 - Selected Topics in Women's and Gender Studies (3)

WGST/HIST/AMST 3137 - Topics in U.S. Women's History (3)

WGST/PSYC/INTS 3232 - Psychology of Gender (3)

WGST/POLS 3235 - Gender and Politics (3)

WGST/COMS 3333 - Communication and Gender (3)

WGST/PHIL 4130 - Feminist Philosophy (3)

WGST/COMM 4331 - Gender, Media and Representation (3)

WGST/SOCI 4332 - Sociology of Gender (3)

WGST/HIST 4335 - "Women Question" in Europe (3)

WGST/HIST/AAST 4530 - Revelation and Revolution (3)

WGST 5131 - Sex, Violence, and Culture (3)

WGST/ANTH 5331/5331G - Gender and Anthropology (3)

WGST/ENGL/AAST 5539/5539G - Literature by Women (3)

WGST/WRIT 5633/5633G - Writing the Body (3)

Interdisciplinary Concentrations

Students in baccalaureate programs may add an area of interdisciplinary concentration to their program of study. Such concentrations offer students the opportunity to elect courses focused on a given area of study from more than one discipline. As with minor programs, the interdisciplinary concentration is distinct from the major program of study. The interdisciplinary concentration permits students to add a significant segment of coursework focused on a particular area of study to their major degree program.

The concentration consists of 18 hours of coursework, 15 hours of which must be at the upper division level. At least 12 hours of the total 18 hours must be taken at Georgia Southern University. A minimum grade of "C" is required for all courses used to complete the interdisciplinary concentration.

The courses taken to make up the concentration should be planned with the major advisor and the director of the concentration program. Students should declare the concentration by the beginning of the junior year.

Interdisciplinary concentration programs are administered through the Office of the Vice President for Academic Affairs.

Guidelines for Interdisciplinary Concentrations

The interdisciplinary concentration offers students the opportunity to elect courses focused on a given area of study from more than one discipline. As with minor programs, the interdisciplinary concentration is distinct from the major program of study.

The following guidelines apply to all interdisciplinary concentrations:

1. A concentration must contain 18 semester hours of coursework with at least 15 upper division hours. Typically, courses taken for the concentration shall be in at least two disciplines other than those used in additional concentrations or the major program of study.
2. While courses taken to satisfy Core Areas A1 through E may not be used to satisfy coursework in the area of concentration, courses listed in Area F may be counted as coursework in the area of concentration.
3. A student has the option of taking one authorized lower division course and one upper division course crosslisted with the student's major to fulfill concentration requirements.
4. The chairperson of the concentration program must approve the courses selected for the concentration.
5. Students should declare the concentration by the beginning of the junior year and advise the chairperson of the concentration program of that decision.

Africana Studies Interdisciplinary Concentration

Department: Center for Africana Studies

Contact: Dr. Saba Jallow, Director, Center for Africana Studies, Forrest Drive Building, Room 1116, (912) 478-5387

Concentration Program:

AAST 3230 - Introduction to Africana Studies (3)

Five other courses, with at least one each from the humanities and the social sciences.

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

American Studies Interdisciplinary Concentration

Department: Sociology & Anthropology

Contact: Dr. Larry Griffin, (912) 478-5548,

ljgriffin@georgiasouthern.edu

Concentration Program:

AMST 3033 - Introduction to American Studies (3)

AMST 4033 - Seminar in American Studies (3)

Three or four cross-listed American Studies elective courses from two different disciplines

Asian Studies Interdisciplinary Concentration

Department: Center for Africana Studies

Contact: Dr. Saba Jallow, Director, Center for Africana Studies,

Forest Drive Building, Room 1116, (912) 478-5387

Concentration Program:

INTS 3130 - Contemporary World Cultures (3)

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

Select 15 hours from the following:

ART 3438 - Art of Asia (3)

HIST/INTS 3532 - The Modern Middle East (3)

HIST/INTS 3534 - Modern Southeast Asia (3)

HIST/INTS 5531 - Modern Japan (3)

HIST/INTS 5532 - Modern China (3)

HIST/INTS 5533 - Economic Rivals United States,

European Community, Japan (3)

JAPN 3331 - Japanese Culture for Americans (3)

Environmental Sustainability Interdisciplinary Concentration

Department: Biology

Contact: Dr. Lissa Leege, (912) 478-0800,

leege@georgiasouthern.edu

Concentration Program:

A total of 18 semester hours are required for the concentration (TCGT 1530 course and 15 upper division hours). Note that students must complete both TCGT 1530 and their D2 Environmental Science requirement prior to taking upper division courses in the concentration.

TCGT 1530 - Global Sustainability and Innovation (3)

An additional 12 semester hours of courses with significant Sustainability 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.

Select 12 hours from the following:

ANTH 2131 - Biological Anthropology (3)**

ANTH 4331 - Anthropology and Human Problems (3)**

BIOL 3133 - Evolution and Ecology (3)

BIOL 5530 - Wildlife Management (3)

BIOL 5542 - Aquatic Ecology (4)
 BIOL 5534 - Conservation Biology (3)
 BIOL 5540 - Ecology (4)
 BIOL 5547 - Marine Ecology (4)
 CHEM 5233 - Environmental Chemistry (4)
 COMS/AAST/AMST 4337 - Rhetoric of Social Movements (3)*
 ECON 4337 - Environmental Economics (3)
 GEOG 3130/3130S - Conservation (3)*
 GEOG 3230 - Economic Geography (3)*
 GEOG 3330 - Weather and Climate (3)**
 GEOG 3530 - Cultural Geography (3)**
 GEOL 5230 - Earth Science (3)**
 HLTH 3136 - Principles of Environmental Health (3)
 HLTH 3331 - Stress Theory and Management in Health Promotion (3)**
 INDS 3350 - Sustainable Materials and Methods for the Interior Environment (3)*
 NTFS 4630 - Cultural Foods (3)*
 PHIL 3334 - Environmental Ethics (3)*
 POLS 3231 - Environmental Politics (3)*
 POLS 3236 - International Relations (3)*
 POLS 4137 - Industrializing Nations (3)*
 PUBH 5520 - Introduction to Public Health (2)*
 RECR 3235 - Outdoor Recreation Management (3)
 RECR 4230 - Environmental Education and Interpretation (3)
 SOCI 3335 - Social Change (3)
 SOCI 3435 - Environmental Sociology (3)
 SOCI 5140 - Group Dynamics (3)
 TSEC 5333 - Industrial Hygiene and Ergonomics (3)*
 TSEC 5334 - Hazardous Waste Management (3)
 TSEC 5336 - Environmental Law (3)*

* Courses with no prerequisites

** Permission of instructor

Additional Requirement

SUST 4730 - Practicum in Environmental Sustainability (3) (Required) [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.]

European Studies Interdisciplinary Concentration

Department: Center for International Studies
 Contact: Director, Center for International Studies, Forest Drive Building, Room 1323, (912) 478-0332

Concentration Program:

GEOG 4430 - Geography of Europe (3)

An additional 15 hours of upper division courses with significant European components. No more than two courses from any one discipline and all five electives must be courses in disciplines other than major field. INTS/POLS 3234 - Introduction to the European Union (3) is a course that is strongly recommended.

Copies of the list of approved courses are available at the Center for International Studies.

Humanities Interdisciplinary Concentration

Department: Music
 Contact: Dr. Gregory Harwood, Department of Music, Foy Fine Arts Building, (912) 478-5813

Concentration Program:

HUMN 2321 - Humanities I (3)

HUMN 2322 - Humanities II (3)

Select six additional (3 credit hours) courses with at least three different prefixes from the following list (at least 15 of these credits must be upper division).

ARTH/AAST 3435 - African Art (3)

ARTH/AAST 3436 - African American Art (3)

ARTH/AMST 3437 - American Art (3)

ARTH 3530/3530S - Ancient Art (3)

ARTH 3531/3531S - Medieval Art (3)

ARTH 3532 - Renaissance Art (3)

ARTH 3533 - Baroque and Rococo Art (3)

ARTH 3534 - Nineteenth-Century Art (3)

ARTH 4530 - Twentieth Century Art (3)

ARTH 4531 - Contemporary Art (3)

ENGL/AAST/AMST 3231 - Survey of African American Literature (3)

ENGL/WGST 3237 - Women and Literature (3)

ENGL/FILM 3535 - Patterns in Film and Literature (3)

ENGL 4133/4133S - The British Novel (3)

ENGL 4135/4135S - Chaucer (3)

ENGL/AMST 4237 - The American Novel (3)

ENGL 4337 - Shakespeare (3)

ENGL 4435/4435S - Single Author (3)

ENGL/WGST 5539 - Literature by Women (3)

FILM 3332 - Documentary Film (3)

FILM 3333 - Art of Film (3)

HUMN 2433/2433S - Classicism (2) (only one 2000-level course may be included)

HUMN 2434/2434S - Myth in Arts and Humanities (2) (only one 2000-level course may be included)

MUSC 3131 - History of Music I (3)

MUSC 3132 - History of Music II (3)

MUSC 5234 - History of Opera (3)

MUSC 5231 - Music in the Classic Period (3)

MUSC 5232 - Music in the Romantic Period (3)

MUSC 5233 - Music in the Contemporary Period (3)

MUSC/AAST/AMST 5236 - Jazz History (3)

PHIL/RELS 3131 - World Religions (3)

PHIL 3330/3330S - Introduction to Art and Beauty (3)

PHIL 3431/3431S - Ancient Philosophy (3)

PHIL 3432 - Modern Philosophy (3)

PHIL 3433 - Nineteenth Century European Philosophy (3)

PHIL 3434 - Contemporary Philosophy (3)

PHIL 3531 - Theory of Knowledge (3)

PHIL 3532/3532S - Metaphysics (3)

PHIL 3635 - Existentialism (3)

PHIL/WGST 4130 - Feminist Philosophy (3)

PHIL/RELS 4632 - Philosophy of Religion (3)

RELS/HIST 3139 - History of Religion in the U.S. (3)

RELS/HIST 3233 - The Early Church (3)

RELS/HIST/INST 3250 - The Muslim World to Tamerlane (3)

RELS/HIST/INST 3251 - The Muslim World Since Genghis Khan (3)

RELS 3330 - Introduction to the Old Testament (3)

RELS/HIST 3334 - History of Christianity (3)

RELS/HIST 5332 - Age of the Reformation (3)

RELS/COML/ENGL 5530 - The Bible as Literature (3)

THEA/AAST/AMST 3332 - African American Theater (3)

THEA/IRSH 3333 - Irish Theater (3)

THEA 4330 - Theatre History: To the Elizabethans (3)

THEA 4331/4331S - Theatre History: Elizabethan to Modern (3)

THEA 4338 - Seminar: World Theater (3)

International Studies Interdisciplinary Concentration

Department: Center for International Studies

Contact: Director, Center for International Studies, Forest Drive Building, Room 1323, (912) 478-0332

Concentration Program:

INTS 3130 - Contemporary World Cultures (3)

INTS 3230 - Global Issues (3)

An additional 12 hours of upper division courses with significant international dimension from three different disciplines must be completed for a total of eighteen (18) semester hours. The three additional twelve (12) elective course hours must be selected from the list of courses approved by the International Studies Curriculum Committee.

Copies of the list of approved courses are available at the Center for International Studies.

Latin American Studies Interdisciplinary Concentration

Department: Center for International Studies

Contact: Director, Center for International Studies, Forest Drive Building, Room 1323, (912) 478-0332

Concentration Program:

INTS 3130 - Contemporary World Cultures (3)

LAST 4890 - Seminar in Latin American Studies (3)

An additional 12 hours of courses with significant Latin American dimension in at least two disciplines other than the major for a total of 18 semester hours. Courses may be selected from the list of courses below approved for the concentration. Other courses must be approved by the director of the Latin American Studies Interdisciplinary Concentration, Dr. Nancy W. Shumaker.

Select **12 hours** from the following:

LAST 3090 - Selected Topics in Latin American Studies (3)

LAST/POLS 3133 - Latin American Politics (3)

LAST/HIST/INTS 3537 - Colonial Latin America (3)

LAST/HIST/INTS 3538 - Modern Latin America (3)

LAST/SPAN 4231 - Spanish American Life, Literature, and Thought (3)

LAST/GEOG 4232 - Geography of Latin America (3)

LAST/SPAN 5232/5232G - Studies in Hispanic Societies (3)

SPAN 3335 - Conversation, Composition, Culture: South America (3)

SPAN 3336 - Conversation, Composition, Culture: Mexico and Central America (3)

SPAN 3337 - Conversation, Composition, Culture: The Caribbean (3)

Linguistics Interdisciplinary Concentration

Department: Writing & Linguistics

Contact: Dr. Thomas Klein, Department of Writing & Linguistics, Newton Building, Room 3306A, (912) 478-5350, tklein@georgiasouthern.edu

Concentration Program:

LING/FORL 3533 - Introduction to Language (3)

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

Select **15 hours** from the following:

LING 3030 - Selected Topics in Linguistics (3)

LING 3031 - Phonology (3)

LING 3032 - Syntax (3)

LING/ANTH/POLS/AAST 3337 - Language, Power, Politics (3)

LING/POLS 3338 - Language and Law (3)

LING/PSYC 3534 - Psychology of Language (3)

LING 3630 - Language and Linguistic Theory (3)

LING/AMST/AAST/ANTH 4133 - Gullah and Geechee Language and Culture (3)

LING 4333 - Semantics (3)

LING/WRIT 5130 - Modern English Grammar (3)

LING/WRIT 5330 - History of the English Language (3)

LING/WRIT/ANTH 5530 - Sociolinguistics (3)

WRIT 4790 - Internship in Writing and Linguistics (3)

Religious Studies Interdisciplinary Concentration

Department: Literature & Philosophy

Contact: Dr. Hemchand Gossai, Literature and Philosophy Department, Newton Building, Room 2222C, (912) 478-0222

Concentration Program:

RELS 2130 - Introduction to Religion (3)

RELS 4890 - Seminar in Religious Studies (1-9)

Select **four** of the following: (Must be from at least three different disciplines and approved by advisor)

RELS 3030 - Selected Topics (3)

RELS/PHIL 3131 - World Religions (3)

RELS 3134 - Introduction to Asian Religions (3)

RELS 3135 - Introduction to Hinduism (3)

RELS 3136 - Introduction to Global Islam (3)

RELS/HIST 3139 - Introduction to the History of Religion in the U.S. (3)

RELS/PSYC 3231 - Psychology of Religion (3)

RELS 3238 - The Hebrew Prophets (3)

RELS 3330 - Introduction to the Hebrew Bible (3)

RELS/HIST 3332 - Late Antiquity (3)

RELS/HIST 3334 - History of Christianity (3)

RELS 3335 - Introduction to the New Testament (3)

RELS/PSYC 3336 - Humanistic and Transpersonal Psychology (3)

RELS/HIST 3535 - Islamic Civilization (3)

RELS/PHIL 3635 - Existentialism (3)

RELS/PHIL 4632 - Philosophy of Religion (3)

RELS/SOCI 5133 - Sociology of Religion (3)

RELS/HIST 5332 - The Age of Reformation (3)

RELS/ENGL 5530 - The Bible as Literature (3)

Women's and Gender Studies Interdisciplinary Concentration

Department: Women & Gender Studies

Contact: Dr. Sandra Peacock, (912) 478-0625, speacock@georgiasouthern.edu

Concentration Program:

WGST 2530 - Introduction to Women's and Gender Studies
(3)

An additional 12 semester hours of courses with significant Women and Gender Studies dimension in at least two disciplines other than the major must be completed for a total of 15 semester 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 Women's and Gender Studies.

Select 12 hours from the following:

- WGST 3090 - Selected Topics in Women's and Gender Studies (3)
- WGST/HIST/AMST 3137 - Topics in U.S. Women's History (3)
- WGST/PSYC/INTS 3232 - Psychology of Gender (3)
- WGST/POLS 3235 - Gender and Politics (3)
- WGST/COMS 3333 - Communication and Gender (3)
- WGST/PHIL 4130 - Feminist Philosophy (3)
- WGST/COMM 4331 - Women and Media (3)
- WGST/SOCI 4332 - Sociology of Gender (3)
- WGST/HIST 4335 - "Women Question" in Europe (3)
- WGST/HIST/AAST 4530 - Revelation and Revolution (3)
- WGST 5131 - Sex, Violence, and Culture (3)
- WGST/ANTH 5331/5331G - Gender and Anthropology (3)
- WGST/ENGL/AAST 5539/5539G - Literature by Women (3)
- WGST/WRIT 5633/5633G - Writing the Body (3)

Second Discipline Concentrations

Students in the Bachelor of Science program in information technology (IT) are required to choose a focused application area to blend their IT knowledge with an expanded knowledge of the application area. Students should select a second discipline concentration or a minor no later than the beginning of the junior year. Each second discipline concentration consists of 3 semester hours in Area F and 15 semester hours specified by the academic unit offering the second discipline concentration. Alternatively, with the approval of the chair of the Department of Information Technology, a minor plus additional coursework required to total at least 18 hours, will satisfy the second discipline concentration requirement. Students are encouraged to consult the Allen E. Paulson College of Engineering and Information Technology Office of Student Services or the Department of Information Technology to verify second discipline or minor information.

The requirements for the approved second discipline concentrations are given below.

Computer Engineering Second Discipline Concentration

Department: Electrical Engineering (EE)
Contact: Chair, Department of Electrical Engineering, CEIT
1313, 1st Floor, (912) 478-5761

Area F

MATH 1441 - Calculus I (4)

Required Courses:

EENG 3340 - Microcontrollers (4)
ENGR 1731 - Computing for Engineers (3)
ENGR 1732 - Program Design for Engineers (3)
ENGR 2323 - Digital Design Lab (2)
ENGR 2332 - Introduction to Computer Engineering (3)

Computer Science Second Discipline Concentration

Department: Computer Science
Contact: Chair, Department of Computer Science, CEIT 2313,
2nd Floor, (912) 478- CSCS (2727)

Area F

CSCI 1302 - Programming Principles II (3)

Required Courses:

CSCI 3230 - Data Structures (3)
CSCI 3232 - Systems Software (3)
CSCI 3236 - Theoretical Foundations (3)
CSCI 5335 - Object Oriented Design (3)
CSCI 5xxx - Select one 5000-level course (3)

Digital Imaging Systems Second Discipline Concentration

Department: Art
Contact: BFSDoART Advisement and Career Center, Center for
Art & Theatre Room 2018, (912) 478-2376,
artadvisement@georgiasouthern.edu

Area F

GCM 1321 - Desktop Publishing (2)
GCM 1411 - Desktop Publishing Lab (1)

Required Courses:

GCM 1131 - Graphic Communication Technology (3)

GCM 2532 - Desktop Publishing II (3)
GCM 2512 - Desktop Publishing II Lab (1)
GCM 5534 - Digital Output Applications (3)

Select a minimum of 6 hours from the following Elective courses:

GCM 2332 - Bindery and Finishing (3)
GCM 2412 - Bindery and Finishing Laboratory (1)
GCM 4232 - Photo Preparation for Production (3)
GCM 5234 - Color Reproduction (3)
GCM 5314 - Color Reproduction Lab (1)
GCM 5334 - Imaging Systems (3)

Note: Certain GCM prerequisites are waived for students in Second Disciplines. Please contact the GCM Second Discipline advisor.

Engineering Science Second Discipline Concentration

Department: Electrical Engineering (EE)
Contact: Engineering Building, Room 2125, (912) 478-5761

Area F

PHYS 2211 - Principles of Physics I (3)
PHYS 1113 - Physics Lab I (1)

Required Courses:

ENGR 1133 - Engineering Graphics (3)
ENGR 1731 - Computing for Engineers (3)
ENGR 2112 - Solid Modeling and Analysis (1)
MENG 1310 - Manufacturing Process Lab (1)
MENG 2110 - ME Case Studies in Design and Analysis (1)

Select 6 hours from the following courses:

ENGR 2231 - Engineering Mechanics I (3)
ENGR 2232 - Dynamics of Rigid bodies (3)
ENGR 3233 - Mechanics of Materials (3)
ENGR 3235 - Fluid Mechanics (3)
ENGR 3431 - Thermodynamics (3)

French Second Discipline Concentration

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

Area F

FREN 2001 - Intermediate French I (3)

Required Courses:

FREN 2002 - Intermediate French II (3)
FREN 3130 - Conversational French (3)
FREN 3134 - French Through Writing (3)
FREN 3136 - French Through Film (3)

Select one of the following:

FREN 4130 - Grammar and Phonetics (3)
FREN 3330 - French Civilization (3)
FREN 3336 - Francophone Cultures of Africa and the
Caribbean (3)

Geographic Information Science Second Discipline Concentration

Department: Geology and Geography
Contact: Herty Building, Room 1110B, (912) 478-0667

Area F

STAT 2232 - Introduction to Statistics II (3)

Required Courses:

GEOG 3440 - Introduction to GIS and Cartography (4)
GEOG 3741 - Remote Sensing (4)
GEOG 4542 - Intermediate GIS (4)

GEOG 4543 - Advanced GIS: Spatial Analysis and Modeling (4)

German Second Discipline Concentration

Department: Foreign Languages

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

Area F

GRMN 2001 - Intermediate German I (3)

Required Courses:

GRMN 2002 - Intermediate German II (3)

GRMN 3130 - German Conversation and Phonetics (3)

Select one of the following:

GRMN 3132 - German Grammar Review (3)

GRMN 3134 - Writing in German (3)

Select one of the following:

GRMN 3231 - Listening Skills in German (3)

GRMN 3330 - Germany Today (3)

Select one of the following:

GRMN 4230 - Readings in German Literature (3)

GRMN 4330 - German Heritage (3)

GRMN 4331 - Business German (3)

GRMN 4332 - Current Issues and Events in Germany (3)

Health Informatics Second Discipline Concentration

Department: Health and Kinesiology

Contact: Jim McMillan, Chair of Department of Health and Kinesiology, 912-478-0200

Area F

STAT 2232 - Introduction to Statistics II (3)

Required Courses:

ACCT 2030 - Survey of Accounting (3)

HLTH 2510 - Medical Terminology (1)

HLTH 3131 - Chronic Diseases: A Modern Epidemic (3)

HLTH 3231 - Epidemiology and Biostatistics (3)

HLTH 3132 - Health Care Systems (3) **OR** SOCI 5139 - Sociology of Health Care (3)

PUBH 5110 - Introduction to Public Health (1)

Select one of the following:

HLTH 3230 - Community Health (3)

HLTH 4099 - Selected Topics in Health Sciences (3)

HLTH 4330 - Promotional Strategies for Health Programs (3)

HLTH 2130 is a prerequisite for most of the Health Education and Promotion courses.

Imaging Information Systems Second Discipline Concentration

Department: Art

Contact: BFSDoART Advisement and Career Center, Center for Art & Theatre Room 2018, (912) 478-2376, artadvisement@georgiasouthern.edu

Area F

GCM 1321 - Desktop Publishing (2)

GCM 1411 - Desktop Publishing Lab (1)

Required Courses:

GCM 1131 - Graphic Communication Technology (3)

GCM 2512 - Desktop Publishing II Lab (1)

GCM 2532 - Desktop Publishing II (3)

GCM 5334 - Imaging Systems (3)

Select a minimum of 6 hours from the following Elective courses:

GCM 2332 - Bindery and Finishing (3)

GCM 2412 - Bindery and Finishing Laboratory (1)

GCM 4232 - Photo Preparation for Production (3)

GCM 5234 - Color Reproduction (3)

GCM 5314 - Color Reproduction Lab (1)

GCM 5534 - Digital Output Applications (3)

Note: Certain GCM prerequisites are waived for students in Second Disciplines. Please contact the GCM Second Discipline advisor.

Information Technology and the Administration of Justice Second Discipline Concentration

Department: Criminal Justice & Criminology

Contact: Chair, Department of Criminal Justice & Criminology

Area F

CRJU 1100 - Introduction to Criminal Justice (3)

Select five from the following:

CRJU 2131 - Justice and Ethics (3)

CRJU 3133 - Criminal Procedure (3)

CRJU 3230 - Policing (3)

CRJU 4032 - Criminal Behavior (3)

CRJU 4231 - Justice Studies Research Methods (3)

CRJU 4830 - Justice Administration (3)

International Trade Second Discipline Concentration

Department: Center for International Studies

Contact: Director, Center for International Studies, Forest Drive Building, Room 1323, (912) 478-0332

Area F

ACCT 2030 - Survey of Accounting (3)

Required Courses:

INTS 2130 - Introduction to International Studies (3)

INTS 3130 - Contemporary World Cultures (3)

INTS 3230 - Global Issues (3)

LOGT 3231 - Principles of Transportation (3)

Select one of the following:

GEOG 3230 - Economic Geography (3) (recommended unless GEOG 1130 taken in Area E)

LOGT 4232 - International Logistics (3)

LSTD 3130 - International Trade Regulation (3)

MKTG 4136 - International Marketing (3) (MKTG 3131 prerequisite)

POLS 3236 - International Relations (3)

Multimedia Communication Second Discipline Concentration

Department: Communication Arts

Contact: Chair, Department of Communication Arts, Veazey Hall, 3rd Floor, (912) 478-5138

Area F

COMM 2332 - Media and Society (3)

Required: 2.5 Institutional GPA, and passage of Grammar Proficiency Exam or grade of "C" or higher in WRIT 3520 (3)

Required Courses:

JOUR 3631 - Fundamentals of Multimedia Production (3)

MMC 2110 - Broadcast Technologies (1)

MMC 2335 - Introduction to Media Writing (3)

MMC/JOUR 3337 - Media Law and Ethics (3)

Select two of the following Elective courses:

- MMC 3331 - Audio Production and Announcing (3) **OR**
- MMC 3830 - Multimedia Sound Design (3)
- MMC 3332 - Studio Video Production (3)
- MMC 3339 - Field Video Production and Editing (3)
- MMC/JOUR 3430 - Media Management and Sales (3)

Multimedia for Information Second Discipline Concentration

Department: Art and Communication Arts

Contact: Chair, Department of Communication Arts, Veazey Hall, 3rd Floor, (912) 478-5138

Area F

- GCM 1321 - Desktop Publishing (2)
- GCM 1411 - Desktop Publishing Lab (1)
- COMM 2332 - Introduction to Mass Communication (3)
- Required: 2.5 Institutional GPA and passage of Grammar Proficiency Exam, or a minimum grade of "C" in WRIT 3520 - Revision, Grammar and Culture (3)

Required Courses:

- GCM 5332 - Multimedia Presentations (3)
- MMC 2335 - Introduction to Media Writing (3)

Select a minimum of 9 hours from the following Elective courses: (Students in the Web and Multimedia Foundations specialization must select a minimum of 12 hours from the following electives)

- GCM 4232 - Photo Preparation for Reproduction (3)
- GCM 5234 - Color Reproduction (3)
- GCM 5314 - Color Reproduction Lab (1)
- JOUR 3631 - Fundamentals of Multimedia Production (3)

Note: Certain GCM prerequisites are waived for students in Second Disciplines. Please contact the GCM Second Discipline advisor.

Music Second Discipline Concentration

Department: Music

Contact: Chair: Department of Music, (912) 478-5396

Prerequisite(s)

- MUSC 1515 - Technology in Music (1)

Area F

- MUSC 1333 - Music Fundamental I (3)

Required Courses:

- MUSC 1100 - Music Appreciation (3)
- MUSC 1334 - Music Fundamentals II (3)
- MUSC 5530 - Recording Studio Techniques (3)
- MUSC 5531 - MIDI Sequencing (3)
- MUSC 5630 - Music, Technology, and Contemporary Culture (3)

Spanish Second Discipline Concentration

Department: Foreign Languages

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

Area F

- SPAN 2001 - Intermediate Spanish I (3)

Required Courses:

- SPAN 2002 - Intermediate Spanish II (3)
- SPAN 3131 - Grammar and Composition (3)
- SPAN - Three additional upper-division (3000 or above) courses (9)

Technical Writing Second Discipline Concentration

Department: Writing and Linguistics

Contact: Dr. Timothy Giles, Department of Writing & Linguistics, Newton Building, Room 1122G, (912) 478-0229, tgiles@georgiasouthern.edu

Area F

- WRIT 2130 - Technical Communication (3)

Required Courses:

- WRIT 3220 - Foundations in Professional and Technical Writing (3)
- WRIT 3233 - Professional Editing (3)
- WRIT 5930 - Technical Writing (3)

Select two of the following:

- *WRIT 3030 - Selected Topics in Writing (3)
- WRIT 3230 - Writing in the Workplace (3)
- WRIT 3232 - Writing Visual Information (3)
- WRIT 3234 - Research Methods for Writers (3)
- WRIT 4380 - Writing Grants and Proposals (3)
- WRIT 5030 - Selected Topics in Writing (3)
- WRIT 5550 - Technologies of Writing (3)
- WRIT 5650 - Writing for Publication (3)

**Chosen in Consultation with advisor*

Technology and Political Analysis Second Discipline Concentration

Department: Political Science

Contact: Chair: Department of Political Science

Area F

- POLS 2101 - Introduction to Political Science (3)

Required Courses:

- POLS 3230 - Modern Political Thought (3)
- POLS 4139 - Contemporary Political Thought (3)

Select three of the following Elective courses:

- POLS 3135 - Legislative Behavior (3)
- POLS 3236 - International Relations (3)
- POLS 3331 - Public Administration (3)
- POLS 3332 - Electoral Behavior (3)
- POLS 4131 - Public Policy (3)

Visual Communications Design Second Discipline Concentration

Department: Art

Contact: BFSDoART Advisement and Career Center, Center for Art & Theatre Room 2018, (912) 478-2376, artadvisement@georgiasouthern.edu

Area F Prerequisites

- ART 1020 - Two Dimensional Design (3)

Required Courses:

- GCM 1321 - Desktop Publishing I (2) and GCM 1411 - Desktop Publishing I Lab (1) (*Note: These are prerequisites to ART 2330 and ART 2331*)
- ART 2330 - Typography (3)
- ART 2331 - Visual Thinking in Graphic Design (3)

Note: ALL students must pass portfolio review prior to enrolling in upper division graphic design courses

- ART 3331 - Graphic Design II (3)
- ART 3338 - Typography II (3)

As additional proposals are approved, they will be posted on the College of Engineering and Information Technology web-site.

With the approval of the Office of the Vice President for Academic Affairs, students in other baccalaureate programs may use second discipline concentrations as interdisciplinary concentrations.

College of Business Administration

Interim Dean: William H. Wells
Business Administration Room 2254
P.O. Box 8002
(912) 478-2622
E-mail address: bwells@georgiasouthern.edu

Associate Dean of Faculty and Curriculum: Jerry W. Wilson
Business Administration Room 2253
P.O. Box 8002
(912) 478-5107
E-mail address: jwwilson@georgiasouthern.edu

Assistant Dean of Student and External Relations: Cindy H. Randall
Business Administration Room 3355
P.O. Box 8153
(912) 478-5582
E-mail address: crandall@georgiasouthern.edu

The College of Business Administration (COBA) 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, logistics and intermodal transportation, management, marketing, and regional economic development. At the graduate level, we provide the Master of Business Administration, WebMBA, Master of Accounting, WebMACC, and Master of Science in Applied Economics online 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 College's dedication to continuous improvement and commitment to excellence. Our accounting programs hold separate AACSB accreditation.

MISSION

The College of Business Administration (COBA) at Georgia Southern University cultivates an invigorating academic environment that supports lifelong learning, individual growth, and a global mindset. COBA distinguishes itself from colleges of business at other large, nationally recognized research universities by emphasizing close interactions and engagement among faculty, students, and the business community. We produce and share useful research. Our teaching reflects our concerns for academic excellence and student success. Our faculty, staff, students, and alumni use their diverse strengths to advance our core values: excellence, integrity, accountability, respect, and an appreciation for sustainability.

Shared Values

Our mission is supported by a set of shared values that form the foundation for developing critical mission activities:

We value our students. Our first responsibility is to our students. Faculty members encourage excellence in academic performance by exhibiting professionalism in teaching, mentoring, and advising and by being readily accessible for consultations outside the classroom. We believe a student's career achievement is a result of this faculty/student interaction. Although the majority of our students are Georgia residents, we welcome and encourage

the diversity that occurs as we gain increasing numbers of students from beyond our state and national borders.

We value our region. As a College within a state-supported regional university, we recognize and value opportunities to assist in the development of our regional economy. Our desire to serve extends to providing regional businesses with professional assistance and learning opportunities in areas that cover an extensive range of domestic and international business practices.

We value our local community. We recognize our involvement in the local community as a central part of our responsibilities. Support of and involvement in our community make it a better place in which to live and provide a better environment for our students.

We value our faculty and staff. The College supports a collegial atmosphere for faculty and staff in which academic freedom exists and life-long learning is encouraged. While a balance of activities in teaching, research, and service is promoted, faculty members devote a significant amount of time and energy to teaching and other interactions with students. Scholarly efforts are predominantly focused on applied research, which supports the regional service dimension of our mission.

We value our alumni. They provide leadership in business, the community, and the world. We strive to keep them involved in our mission, and we recognize them for their long-term, career achievements.

Core Commitments

The faculty and staff of the College of Business Administration are committed to creating an atmosphere in COBA that will enable us to be:

- a diverse, academically qualified faculty who makes students its first priority;
- providers of instruction that combines business theory and practice for effective student understanding of the dynamic business environment;
- competent users of cutting edge technology located in modern, comfortable facilities;
- providers of expertise to serve the local community and region;
- a dedicated, qualified staff who supports COBA programs and activities;
- actively engaged with the Business Advisory Council; and
- actively engaged with our Alumni.

Student Outcomes

The faculty and staff of the College of Business Administration are committed to providing academic programs that will enable our graduates to be:

- able to communicate effectively;
- skilled in the collection and analysis of information for use in decision making;
- aware of global perspectives to help companies compete in international and domestic markets;
- capable of formulating decisions that integrate practical, economic, and ethical considerations; and
- appreciative of the vagaries and uncertainties of real-life, business situations and the importance of life-long learning.

STRUCTURE**School of Accountancy**

Director: Timothy A. Pearson

Professors: L. Fletcher, C. Harter, J. Lockwood, L. Mooney, T. Pearson, L. Wilson

Associate Professors: T. Cairney, H. Wright, C. Metrejean, E. Metrejean, S. Sipe, D. L. Sneathen, B. McKay

Assistant Professors: R. Jackson, N. Lynch, R. Marley, A. Parham, E. Stewart, M. Wiggins

Lecturers: D. Berez, Charles Williamson

Department of Finance and Economics

Chair: Vacant

Professors: G. Brock, K. Eastman, J. Hatem, W. Levernier, C. Paul, B. Yang

Associate Professors: A. Barilla, J. Barkoulas, J. Brown, D. Fisher, K. Hamilton, A. King, J. King, C. Ogloblin, M. Reksulak, J. Ruhland, W. Wells, M. Yanochik, R. Zhang

Assistant Professors: W. Amponsah, S. Bagchi, C. Brunt, M. Keay, Y. Wen

Lecturer: E. Sibbald

Department of Information Systems

Chair: Thomas L. Case

Professor: T. Case, S. Williams

Associate Professors: J. Dyer, K. Elder, A. Gardiner, H. Han, H. Kung, R. MacKinnon, C. Rogers, M. Tabatabaei

Assistant Professors: P. Rutner

Lecturer: J. Bullington, J. Dick, R. Szymanski

Department of Management

Chair: Gerard Burke

Professors: C. Campbell, M. Hanna, R. Kent, M. Loughry, W. McCartney, M. McDonald, S. Moss, B. Price, J. Simons,

Associate Professors: E. Bernardes, G. Burke, L. Furr, R. Hoell, J. Leaptrout, J. Liu, W. Norton, L. Stalcup, M. Thomas

Assistant Professors: M. Calhoun, C. Chiang, F. Irani-Williams, A. Mackelprang, C. Randall, X Wang, C. Welter, A

Yenipazarli

Lecturer: J. Moss

Department of Marketing and Logistics

Chair: Vacant

Professors: L. Denton, J. Eastman, M. Hazeldine, K. Manrodt, S. Rutner, D. Shepherd, J. Wilson

Associate Professors: K. Gruben, L. Mullen, M. Thomas

Assistant Professors: C. Boone, J. Kim, L. Larson, M. Murfield, D. Schmit, R. Thomas

Lecturer: N. DeBonis

COBA Emeriti

Professors: W. Bolen, L. Carnes, H. Carter, R. Coston, E. Davis, L. Dosier, C. Gooding, L. Hamilton, F. Hodges, B. Keys, L. Munilla, E. Murkison, H. O'Keefe, L. Parrish, J. Pickett, L. Price, N. Quick, E. Randall, R. Stapleton, D. Thompson, D. Weisenborn, R. Wells

Associate Professors: W. Bostwick, J. Gutknecht, H. Harrell, N. Herring, J. Henry, R. Hilde, K. Johnson, W. Smith, S. Wise

Assistant Professors: W. Francisco, L. Stewart, K. Williams

PROGRAMS - UNDERGRADUATE Accounting

Accounting is the language of business. The accounting profession offers almost infinite opportunities for men and women to build exciting and rewarding careers. Technology is driving changes 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, which is separately accredited by the AACSB, the international business and accounting accrediting organization, offers students the following curriculum options:

4-Year Track

The four-year program prepares students for a wide range of professional careers in industry, finance, government, and non-profit organizations. The four-year program includes accounting course work which prepares students for work in areas such as fraud examination, financial management, financial reporting and analysis, internal auditing, 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. MIS is a very valuable added area of emphasis.

5-Year Track

The five-year professional accounting program 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 semester hours of college education. After completion of their BBA students apply for and are competitively admitted to the Master program. In the fifth year, students complete thirty additional semester hours of accounting and non-accounting Masters' level education. This curriculum is designed to prepare them for work as objective advisors for their clients, providing such services as auditing and assurance services, 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. Please refer to the graduate portion of the catalog for a detailed description of the Master of Accounting program.

Economics

This major is designed to give the student in business administration 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.

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 study of the techniques and tools for solving financial problems. The curriculum is flexible, exposing students to general areas of applied financial management while also giving them the opportunity to focus their studies through elective courses in the areas of financial services (banking), personal financial planning, risk management and insurance, or real estate.

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 seven emphasis areas.

Accounting Information Systems

The AIS emphasis provides a solid understanding of general business principles with depth in technology and accounting. Students pursuing this emphasis will be prepared to help companies design information systems that are safeguarded against many different kinds of system errors and fraudulent activities. Students could also pursue careers in information assurance, serving as "auditors" who ensure that proper design and controls that protect against fraud are in place. Potential employers include "Big 4" accounting firms, business and IT consulting companies, as well as any organization (large or small) that relies upon an automated accounting system.

Business Intelligence

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 predict 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. They will also receive an SAP America Certificate and be eligible for SAP's TERP-10 Certification Program. Potential employers include a wide array of medium and large businesses across all types of industries.

Electronic Commerce

The EC emphasis provides exposure to the technical skills and business knowledge needed to develop web-based business applications. Students pursuing this emphasis will be prepared to develop and enhance E-Commerce Web sites based on solid, underlying business models. Potential employers include all organizations wanting to establish or improve the ability to conduct business via the Internet.

Enterprise Resource Planning Systems

The ERP emphasis focuses on large, complex information systems that integrate business processes across an entire organization. Because the number of IS professionals with these skills is low, this is a high-demand area. Students pursuing this emphasis will be prepared to assist companies in the selection, implementation, and support of such systems. Potential employers include consulting companies, ERP developers, as well as thousands of companies that adopt or wish to adopt ERP systems.

Enterprise Security

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.

Logistics Information Systems

The LIS emphasis focuses on the use of information technology as a critical enabler of the supply chain networks that businesses use to acquire, produce, and deliver goods and services all over the world. Students pursuing this emphasis will be prepared to help companies design information systems that integrate business processes across the supply chain. Potential employers include large retail distribution centers (such as Wal-Mart), logistics firms (such as UPS and Fed-Ex), railroads and a host of other trucking and shipping companies around the world.

Logistics and Intermodal Transportation

Transportation companies, industrial firms and government agencies are all looking for the qualified graduate with training in the field of logistics. The major in logistics and intermodal transportation prepares the student for this career choice by providing general knowledge of the field of business and supporting course work in the areas of logistics, transportation and supply chain management. The program also offers an international emphasis, and internships are available and strongly recommended for qualified students.

Management

This major emphasizes the integrative nature of the management discipline in planning, organizing, directing, 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. The impacts of the international environment and of the social responsibilities of managers receive special attention across the broad range of management courses. 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/small business management; (3) the management major with an emphasis in human resource management; or (4) the management major with an emphasis in operations management.

Management Major Without an Area of Emphasis

This major is intended to expose students to entrepreneurship, hospitality management, human resources, and operations management as well as general management principles and practices.

Emphasis in Entrepreneurship/Small Business Management (E/SB)

This emphasis 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.

Emphasis in Operations Management (OM)

The operations management emphasis allows the student to prepare for positions in manufacturing and other organizations with operations departments and for management careers in manufacturing and service organizations. While much of the course work focuses on manufacturing management, the approaches that are covered and the skills that are developed are generalizable to service operations and supply chain management.

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.

Regional Economic Development

This major is unique in several ways. Since the economic development process is one of public-private partnership, students take the Bachelors of Business Administration core. This provides students with a unique appreciation of the particular motivations of business firms and problems that firms face in succeeding in the marketplace. This grounding in the problems and promise of private firms is extended by two varieties of course work designed to help the students focus on the problems of economic development. The Economics (ECON) courses provide an overview for students on the relationships between government, private firms and the economic development process. These courses focus on the impacts of environmental regulation on development, the effects of government tax and spending policies on firm locational decisions, and the processes of growth in regions and urban areas. The Regional Economic Development (REDV) courses provide students with information about specific government programs both nationally and locally that serve to promote economic development efforts. In addition, these courses discuss the sources of data to support development efforts and the techniques of analysis that are necessary to support these efforts. A "hands-on" experience in an economic development agency is provided.

PROGRAMS - GRADUATE

Ph.D. in Logistics and Supply Chain Management

The Ph.D. Program in Logistics and SCM trains students for academic or industry positions in logistics and supply chain management. The program builds on the College of Business Administration's nationally ranked undergraduate degree program in Logistics and Intermodal Transportation. Graduates will be prepared to serve as knowledge brokers, able to transfer

understanding of logistics and supply chain management to audiences and provide leadership in expanding this increasingly important and complex field. The program requires 60 hours of coursework, provided the student has an appropriate master's degree. Course work in the degree will take two years and then Candidates will focus on dissertation and research. The core classes focus on advanced courses in logistics, transportation, and supply chain management providing a broad-based foundation to the historical and current trends in these areas. Students will select a supporting emphasis area from marketing, information systems or operations management, which allows students flexibility in securing positions both inside and outside of academia.

Master of Business Administration

The purpose of the MBA program at Georgia Southern University is to prepare men and women for careers in business and non-profit organizations in an increasingly complex and changing world. It emphasizes the fundamental knowledge and skills underlying modern administration and management, and applies these with emphasis upon the area of managerial and executive decision-making.

Georgia Southern University has offered the Master of Business Administration degree since 1969 with graduates going on to pursue successful careers in banking and finance, marketing, manufacturing, and international organizations. The MBA program is flexible enough to accommodate part-time students. Classes are moderate in size to create an optimal environment for effective learning and thought-provoking discussions.

Master of Accounting

The Master of Accounting (MAcc) program focuses on the knowledge and skills students need for careers in public accounting. The curriculum includes 18 hours of accounting and 12 hours of electives designed to allow students to customize their program of study to fit their personal career objectives. The Georgia Southern University MAcc program meets Georgia's 150-hour requirement for certification as a CPA and can be completed in one year. The MAcc Forensic Accounting Concentration is designed to provide the advanced knowledge, skills, and abilities needed to investigate asset theft and financial statement fraud, to design internal control systems that detect and/or prevent fraud, and to provide litigation support services such as expert witness testimony in court. The School also offers a high quality accredited online WebMACC. Please refer to the graduate catalog for a detailed description of the programs.

Master of Science in Applied Economics

The Master of Science in Applied Economics (MSAE) is offered exclusively online. The MSAE consists of 30 credit hours and features a rigorous core curriculum consisting of Micro-economic Theory, Macroeconomic Theory, International Economics and Applied Econometrics. Students choose two of the three fields of specialization in Regional Economic Development, Financial Economics, and Industrial Organization. The program's graduates are expected to be competitive for employment in private enterprise, including financial institutions, industry, and utility companies and governmental organizations engaged in regulation and economic development.

Regional Economic Development

The regional economic development track provides students with an understanding of the theoretical and public policy applications which foster a business environment conducive to long-term growth of high-wage jobs, an enhanced standard of living and a better quality of life for local residents.

Financial Economics

The financial economics track explores micro-economic and macroeconomic aspects of financial institutions. Students will be engaged in a comprehensive study of financial markets and risk. The various theories and techniques used to analyze risk are explored.

Industrial Organization and Regulation

The industrial organization track will explore the behavior of firms operating in imperfectly competitive markets and consider how the government might increase efficiency in such markets through various forms of regulation.

ADVISEMENT

Undergraduate

Academic advisement for all pre-business and business majors is managed by the College of Business Administration Student Services Center.

Location: Room 1100, College of Business Administration

Telephone: (912) 478-0085

Academic advisement for Master of Accounting students occurs in the School of Accountancy Advisement Office in the College of Business Administration.

Location: Room 2200C, College of Business Administration

Telephone: (912) 478-1184

Academic advisement for Master of Science in Applied Economics students occurs in the Department of Finance and Economics in the College of Business Administration.

Location: Room 3310, College of Business Administration

Telephone: (912) 478-5216

EXPERIENTIAL LEARNING OPPORTUNITIES

Internships

Internship opportunities are available through all departments and schools in the College of Business Administration. 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 supervising instructor and department chair. Students should consult with their academic advisors or the College of Business Administration Student Program Manager (Room 1101) for further information.

Cooperative Education

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. Co-

op students register for the designated Cooperative Education section. This is a non-credit course.

B.B.A. Specific Requirements

- Students seeking credit for COBA courses via proficiency examination will be allowed only one opportunity to do so and must score a minimum grade of “C” to obtain credit.
- Students with a declared major other than BBA, “Pre-Business,” or “Undeclared” may enroll in upper division courses offered by COBA subject to completion of any course prerequisites or permission of the department chair responsible for the course.
- Students classified as “Pre-Business,” or “Undeclared” may not enroll in any upper division courses offered by COBA.
- In order to change from “Pre-Business” to “BBA” status, a student must have (1) an institutional GPA of at least 2.5, (2) completed at least 45 hours, and (3) earned a “C” or better in ACCT 2101.
- BBA majors enrolling in upper division business courses for the first time must have completed or be concurrently enrolled in ACCT 2102 and ECON 2106.
- BBA degrees require 24 semester hours of course work under the heading “Specific Requirements Beyond Areas A1-F” and another 24 under the heading “Major Requirements” for a total of 48 hours of courses related to the major. In addition to University graduation requirements, at least half of this 48 hour total (i.e., 24 hours) must be taken at Georgia Southern for a BBA student to qualify for graduation.
- To qualify for graduation, BBA students must (1) make a minimum grade of “C” in all courses used to satisfy their “Major Requirements” and (2) make a minimum grade of “C” in ACCT 2102 and ECON 2106 as well as in the business core courses: BUSA 3131, BUSA 3132, BUSA 4131, FINC 3131, MGNT 3130, MGNT 3430, MKTG 3131, AND CISM 4130 or ACCT 4130 or CISM 4135.

SECONDARY OR P-12 EDUCATION CERTIFICATION

For those interested in Secondary Education (grades 6-12) certification with a **BUSINESS** degree:

Students who plan to seek teacher certification after completion of the B.B.A. program (Accounting, Finance, Information Systems, Logistics and Intermodal Transportation, Management, Marketing, or Regional Economic Development) 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.

- CSCI 1230 - Introduction to BASIC Programming (3)
- GCM 1321 - Desktop Publishing (2)
- GCM 1411 - Desktop Publishing Lab (1)
- IT 1130 - Introduction to Information Technology (3)
- WRIT 3230 - Writing in the Workplace (3)

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:

- ITEC 3430 - Instructional Technology for P-12 Education (3)
- SPED 3333 - Introduction to Special Education (3)

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 semester hour PPB block of courses with the required 50 hour field experience; **OR**
- BA/BS/BBA majors can take EDUC 2130 - Exploring Learning and Teaching concurrently with EDUC 2090 - PPB Practicum (50 contact hours in a school) – total of 3 credit hours. After taking EDUC 2130, those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
 - EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
 - EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)

NOTE: GACE Basic Skills 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 an **ECONOMICS** degree:

Students who plan to seek teacher certification after completion of the B.B.A. Economics program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. If all B.B.A. Economic requirements are met, typically no other Economics content courses 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:

- ITEC 3430 - Instructional Technology for P-12 Education (3)
- SPED 3333 - Introduction to Special Education (3)

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 semester hour PPB block of courses with the required 50 hour field experience; **OR**
- BA/BS/BBA majors can take EDUC 2130 - Exploring Learning and Teaching concurrently with EDUC 2090 - PPB Practicum (50 contact hours in a school) – total of 3 credit hours. After taking EDUC 2130, those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
 - EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)

- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)

NOTE: GACE Basic Skills 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.

FORENSIC ACCOUNTING PROGRAMS

The costs of corporate fraud and white-collar crime are estimated to exceed \$1 trillion annually. The School of Accountancy administers an interdisciplinary minor in fraud examination and offers a forensic accounting concentration in its graduate accounting program. The fraud examination minor prepares students to become fraud investigators. Please refer to the Interdisciplinary Minor section of the university catalog for a complete listing of the courses included in the minor. Integrating accounting, law, auditing, and investigative skills, and the graduate forensic accounting concentration prepares students to become forensic accountants. Forensic accountants, often referred to as the bloodhounds of accounting, are highly sought after by firms and organizations wishing to beef up their investigations and forensics practices. Please refer to the graduate section of the catalog for a detailed description of the Master of Accounting Forensic Accounting Concentration.

College of Business Administration Programs

ACCOUNTING

B.B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area F	24 Hours
ACCT 4130 - Accounting Information Systems (3)	
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
ACCT 3131 - Intermediate Accounting I (3)	
ACCT 3132 - Intermediate Accounting II (3)	
ACCT 3231 - Managerial Accounting II (3)	
ACCT 3330 - Income Tax (3)	
ACCT 4131 - International Accounting (3)	
ACCT 4133 - Intermediate Accounting III (3)	
ACCT 4430 - Auditing (3)	
ACCT - Any approved 4000 or 5000 level Elective (3)	
Electives	12 Hours

Electives should be chosen in consultation with the student's advisor.

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

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 Administration or his/her delegate 53 (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.

ECONOMICS B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
STAT 2231- Introduction to Statistics I (3) OR BUSA 3131 - Business Statistics (3)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
Foreign Language 2001 - Intermediate I (3)	
Foreign Language 2002 - Intermediate II (3)	
MATH 1232 - Survey of Calculus (3)	
STAT 2232 - Introduction to Statistics II (3) OR BUSA 3132 - Applied Statistics and Optimization (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	24 Hours
ECON 3131 - Intermediate Macroeconomics (3)	
ECON 3132 - International Trade (3)	
ECON 3231 - Intermediate Microeconomics (3)	
ECON - Upper Division Courses (15)	
Minor	15 Hours
Foreign Language (If needed to complete Intermediate II)	0-6 Hours
Electives (Depending on hours needed for foreign language)	15-21 Hours
ADVISEMENT: School of Economic Development, Room 3310, College of Business Administration Bldg., (912) 478-5216.	

ECONOMICS
B.A., 126 HOURS
(International Economics Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
STAT 2231- Introduction to Statistics I (3) OR BUSA 3131 - Business Statistics (3)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
Foreign Language 2001 - Intermediate I (3)	
Foreign Language 2002 - Intermediate II (3)	
MATH 1232 - Survey of Calculus (3)	
STAT 2232 - Introduction to Statistics II (3) OR BUSA 3132 - Applied Statistics and Optimization (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	24 Hours
ECON 3131 - Intermediate Macroeconomics (3)	
ECON 3132 - International Trade (3)	
ECON 3231 - Intermediate Microeconomics (3)	
ECON 3232 - International Monetary Relations (3)	
ECON 4431 - International Economic Development (3)	
ECON - Upper Division Courses and any other International Course (from any Specific Discipline) that meets approval of the School of Economic Development Advisor (9)	
Minor	15 Hours
Foreign Language (If needed to complete Intermediate II)	0-6 Hours
Electives (Depending on hours needed for foreign language)	15-21 Hours
ADVISEMENT: School of Economic Development, Room 3310, College of Business Administration Bldg., (912) 478-5216.	

ECONOMICS B.B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Areas A-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
ECON 3131 - Intermediate Macroeconomics (3)	
ECON 3132 - International Trade (3)	
ECON 3231 - Intermediate Microeconomics (3)	
ECON - Upper Division Courses (15)	
Electives	12 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

ECONOMICS B.B.A., 126 HOURS (International Business Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Areas A-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
ECON 3131 - Intermediate Macroeconomics (3)	
ECON 3132 - International Trade (3)	
ECON 3231 - Intermediate Microeconomics (3)	
ECON 3232 - International Monetary Relations (3)	
ECON 4431 - International Economic Development (3)	
Any upper division ECON class or any upper division COBA international course (9)	
Electives	12 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg. (912) 478-0085.
PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

FINANCE B.B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Areas A-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
<i>Required Courses:</i>	
FINC 3132 - Intermediate Financial Management (3)	
FINC 3231 - Investments (3)	
FINC 3331 - Financial Institutions (3)	
FINC 3531 - Principles of Risk and Insurance (3)	
FINC 4231 - Personal Financial Planning (3)	
Select <u>two</u> of the following:	
FINC 3130 - Financial Tools and Methods (3)	
FINC 3133 - International Finance (3)	
FINC 3134 - Enterprise Risk Management (3)	
FINC 4232 - Security Analysis (3)	
FINC 4233 - Estate Planning (3)	
FINC 4234 - Personal Insurance Planning (3)	
FINC 4331 - Bank Management (3)	
FINC 4332 - Bank Management II (3)	
FINC 4333 - Commercial Bank Lending (3)	
FINC 4431 - Principles of Real Estate (3)	
FINC 4433 - Real Estate Appraisal (3)	
FINC 4435 - Real Estate Finance and Investments (3)	
FINC 4532 - Life, Health and Retirement Planning (3)	
FINC 4534 - Commercial Risk Management and Insurance (3)	
FINC 4535 - Insurance Industry Operations (3)	
FINC 4790 - Internship in Finance (3)	
FINC 4830 - Special Problems in Finance (3)	
Electives	12 Hours

Electives should be chosen in consultation with the student's advisor.

ADVISEMENT: College of Business Administration Advisement Center, Business Administration Bldg. (912) 478-0085

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

*Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)

*Area D - Required: MATH 1232 - Survey of Calculus (3)

*Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)

INFORMATION SYSTEMS

B.B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A-F	27 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4135 - Project Management and Development (3)	
CSCI 1236 - Introduction to Java Programming (3) OR CISM 2030 - Introduction to Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
CISM 2230 - Advanced Java (3)	
CISM 3134 - Data Communications (3)	
CISM 3135 - Systems Analysis and Design (3)	
CISM 4134 - Database Management (3)	
CISM 4136 - Global Information Resource Management (3)	
Three courses from a declared Minor Program offered by the College of Business Administration or other closely related discipline as approved by the Information Systems Department Chair OR Select <u>three</u> of the following:	
CISM 3235 - Application Development with COBOL (3)	
CISM 3236 - Web Database Development (3)	
CISM 3237 - Visual Basic.Net Windows and Web Applications Programming (3)	
CISM 3331 - Principles of Enterprise Information Systems Security (3)	
CISM 4234 - Application Development with Objects (3)	
CISM 4237 - Business Intelligence (3)	
CISM 4238 - Network Administration (3)	
CISM 4331 - Point of Sales Technologies (3)	
CISM 4332 - Electronic Business (3)	
CISM/MGNT 4333 - Human Resource Information Systems (3)	
CISM 4334 - Enterprise Resource Planning Systems Using SAP (3)	
CISM 4335 - Advanced Business Application Programming (ABAP) for the SAP/ERP System (3)	
CISM 4336 - ERP and Enterprise Performance (3)	
CISM 4434 - Enterprise System Configuration (3)	
CISM 4435 - ERP Web Portal Customization and Collaboration using SAP NetWeaver (3)	
CISM 4436 - SAP TERP10 Review (3)	
CISM 4790 - Internship in Information Systems (3)	
CISM 4830 - Special Problems in Information Systems (3)	
CISM 4890 - Directed Studies in Information Systems (3)	
CISM 5131 - Fundamentals of Computer Forensics (3)	
CISM - Upper Division Course approved by an Advisor	
Electives	9 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg, (912) 478-0085.

*Area C - Recommended COMM 1110 - Principles of Public Speaking (3)

*Area D - Required MATH 1232 - Survey of Calculus (3)

*Area E - Recommended PSYC 1101 - Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)

INFORMATION SYSTEMS

B.B.A., 126 HOURS

(Accounting Information Systems Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	27 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4135 - Project Management and Development (3)	
CSCI 1236 - Introduction to Java Programming (3) OR CISM 2030 - Introduction to Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	27 Hours
ACCT 3131 - Intermediate Accounting I (3)	
ACCT 3132 - Intermediate Accounting II (3)	
ACCT 4130 - Accounting Information Systems (3)	
ACCT 4430 - Auditing (3)	
CISM 2230 - Advanced Java (3)	
CISM 3134 - Data Communications (3)	
CISM 3135 - Systems Analysis and Design (3)	
CISM 4134 - Database Management (3)	
CISM 4136 - Global Information Resource Management (3)	
Electives	6 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg, (912) 478-0085.

**Area C - Recommended COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended PSYC 1101 - Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

INFORMATION SYSTEMS B.B.A., 126 HOURS (Business Intelligence Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	27 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4135 - Project Management and Development (3)	
CSCI 1236 - Introduction to Java Programming (3) OR CISM 2030 - Introduction to Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	27 Hours
CISM 2230 - Advanced Java (3)	
CISM 3134 - Data Communications (3)	
CISM 3135 - Systems Analysis and Design (3)	
CISM 4134 - Database Management (3)	
CISM 4136 - Global Information Resource Management (3)	
CISM 4237 - Business Intelligence (3)	
Select <u>three</u> of the following:	
CISM 4435 - ERP Web Portal Customization and Collaboration using SAP NetWeaver (3)	
CISM 4790 - Information Systems Internship (3)	
CISM 5131 - Fundamentals of Computer Forensics (3)	
IT 4136 - Knowledge Discovery and Data Mining (3)	
IT 5135 - Data Analytics (3)	
MGNT 4431 - Purchasing and Negotiation (3)	
MGNT 4435 - Management of Quality and Process Improvement (3)	
MGNT 4438 - Operations in Supply Chains (3)	
MKTG 4137 - Marketing Management (3)	
Electives	6 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg, (912) 478-0085.

- *Area C - Recommended COMM 1110 - Principles of Public Speaking (3)
- *Area D - Required MATH 1232 - Survey of Calculus (3)
- *Area E - Recommended PSYC 1101 - Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)

INFORMATION SYSTEMS B.B.A., 126 HOURS (Electronic Commerce Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	27 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4135 - Project Management and Development (3)	
CSCI 1236 - Introduction to Java Programming (3) OR CISM 2030 - Introduction to Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	27 Hours
CISM 2230 - Advanced Java (3)	
CISM 3134 - Data Communications (3)	
CISM 3135 - Systems Analysis and Design (3)	
CISM 4134 - Database Management (3)	
CISM 4136 - Global Information Resource Management (3)	
IT 1430 - Web Page Development (3)	
Select <u>three</u> of the following:	
CISM - Upper Division Course approved by an Advisor	
CISM 3236 - Web Database Development (3)	
CISM 4332 - Electronic Business (3)	
CISM 4435 - ERP Web Portals and Collaboration using SAP (3)	
IT 3131 - Web Applications Design and Development II (3)	
IT 3132 - Web Software (3)	
IT 5235 - Advanced Web Interfaces (3)	
MKTG 3136 - Introduction to E-Commerce (3)	
Electives	6 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg, (912) 478-0085.

**Area C - Recommended COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended PSYC 1101 - Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

INFORMATION SYSTEMS

B.B.A., 126 HOURS

(Enterprise Resource Planning Systems Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	27 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4135 - Project Management and Development (3)	
CSCI 1236 - Introduction to Java Programming (3) OR CISM 2030 - Introduction to Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	27 Hours
CISM 2230 - Advanced Java (3)	
CISM 3134 - Data Communications (3)	
CISM 3135 - Systems Analysis and Design (3)	
CISM 4134 - Database Management (3)	
CISM 4136 - Global Information Resource Management (3)	
CISM 4334 - Enterprise Resource Planning Systems Using SAP (3)	
Select <u>three</u> of the following:	
ACCT 3231 - Managerial Accounting II (3)	
CISM 4237 - Business Intelligence (3)	
CISM/MGNT 4333 - Human Resource Information Systems (3)	
CISM 4335 - Advanced Business Applications Programming (ABAP) for the SAP/ERP System (3)	
CISM 4336 - ERP and Enterprise Performance (3)	
CISM 4434 - Enterprise System Configuration (3)	
CISM 4435 - ERP Web Portals and Collaboration Using SAP (3)	
CISM 4436 - SAP TERP10 Review (3)	
CISM 4790 - Information Systems Internship (3)	
MGNT 4431 - Purchasing and Negotiation (3)	
MGNT 4436 - Planning and Control Systems (3)	
MGNT 4438 - Operations in Supply Chains (3)	
Electives	6 Hours
Electives should be chosen in consultation with the student's advisor.	
ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg, (912) 478-0085.	

*Area C - Recommended COMM 1110 - Principles of Public Speaking (3)

*Area D - Required MATH 1232 - Survey of Calculus (3)

*Area E - Recommended PSYC 1101 - Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)

INFORMATION SYSTEMS B.B.A., 126 HOURS (Enterprise Security Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	27 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4135 - Project Management and Development (3)	
CSCI 1236 - Introduction to Java Programming (3) OR CISM 2030 - Introduction to Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	27 Hours
CISM 2230 - Advanced Java (3)	
CISM 3134 - Data Communications (3)	
CISM 3135 - Systems Analysis and Design (3)	
CISM 4134 - Database Management (3)	
CISM 4136 - Global Information Resource Management (3)	
Select <u>four</u> of the following:	
CISM 3331 - Principles of Enterprise Information Systems Security (3)	
CISM 4238 - Network Administration (3)	
CISM 4790 - Information Systems Internship (3)	
CISM 5131 - Fundamentals of Computer Forensics (3)	
IT 2333 - IT Infrastructure (3)	
IT 4234 - Network Operating Environments (3)	
IT 4335 - Network Architecture (3)	
IT 5434 - Network Security Fundamentals (3)	
Electives	6 Hours

Electives should be chosen in consultation with the student's advisor.

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg, (912) 478-0085.

**Area C - Recommended COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended PSYC 1101 - Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

INFORMATION SYSTEMS

B.B.A., 126 HOURS

(Logistics Information Systems Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	27 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4135 - Project Management and Development (3)	
CSCI 1236 - Introduction to Java Programming (3) OR CISM 2030 - Introduction to Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	27 Hours
CISM 2230 - Advanced Java (3)	
CISM 3134 - Data Communications (3)	
CISM 3135 - Systems Analysis and Design (3)	
CISM 4134 - Database Management (3)	
CISM 4136 - Global Information Resource Management (3)	
LOGT 3231 - Principles of Transportation (3)	
LOGT 3232 - Business Logistics (3)	
Select <u>two</u> of the following:	
CISM 4334 - Enterprise Resource Planning Systems Using SAP (3)	
LOGT 4231 - Logistics and Intermodal Transportation Operations (3)	
LOGT 4232 - International Logistics (3)	
LOGT 4234 - Analytical Tools in Logistics (3)	
LOGT 4263 - Seminar in Intermodal Distribution (3)	
LOGT 4790 - Logistics Internship (3)	
Electives	6 Hours

Electives should be chosen in consultation with the student's advisor.

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg, (912) 478-0085.

**Area C - Recommended COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended PSYC 1101 - Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

LOGISTICS AND INTERMODAL TRANSPORTATION

B.B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	24 Hours
ACCT 4130 - Accounting Information Systems (3) OR CISM 4130 - Management Information Systems (3)	
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
LOGT 3231 - Principles of Transportation (3)	
LOGT 3232 - Business Logistics (3)	
LOGT 4231 - LIT Operations (3)	
LOGT 4232 - International Logistics (3)	
LOGT 4263 - Seminar in Intermodal Distribution (3)	
MKTG 3133 - Professional Selling (3)	
Select <u>two</u> of the following:	
CISM 4334 - ERP Systems Using SAP (3)	
ECON 4334 - Transportation Economics (3)	
MGNT 4435 - Management of Quality (3)	
MKTG 3134 - Business Marketing (3)	
MKTG 4136 - International Marketing (3)	
LOGT 4233 - Logistics Executive in Residence (3)	
LOGT 4234 - Analytical Tools (3)	
Electives	12 Hours

Electives should be chosen in consultation with the student's advisor.

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

MANAGEMENT

B.B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
BUSA 3134 - Accounting for Management (3)	
MGNT 3134 - Behavior in Organizations (3)	
MGNT 3234 - Entrepreneurship/Small Business (3)	
MGNT 3235 - Leadership in Organizations (3)	
MGNT 3334 - Human Resource Management (3)	
MGNT 4230 - International Management (3)	
MGNT - Upper Division Electives* (6) <i>NOTE: *These must be COBA courses numbered at or above 3000</i>	
Electives	12 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

MANAGEMENT B.B.A., 126 HOURS (Emphasis In Entrepreneurship/Small Business)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
BUSA 3134 - Accounting for Management (3)	
MGNT 3134 - Behavior in Organizations (3)	
MGNT 3234 - Entrepreneurship/Small Business (3)	
MGNT 3334 - Human Resource Management (3)	
MGNT 4230 - International Management (3)	
MGNT 4234 - Small Business Management (3)	
MGNT 4235 - Applied Small Business Management (3)	
MGNT 4236 - New Venture Planning (3)	
Electives	12 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

MANAGEMENT B.B.A., 126 HOURS (Emphasis In Hospitality Management)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
BUSA 3134 - Accounting for Management (3)	
HNRM 2333 - Introduction to Hotel and Restaurant Management (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)	
Select <u>one</u> of the following:	
HNRM 3338 - Hospitality Management (3)	
HNRM 4335 - Restaurant Management (3)	
HNRM 4336 - Hospitality Issues (3)	
MGNT 3134 - Behavior in Organizations (3)	
MGNT 3234 - Entrepreneurship (3)	
MKTG 3133 - Professional Selling (3)	
Elective	12 Hours

Electives should be chosen in consultation with the student's advisor.

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

MANAGEMENT

B.B.A., 126 HOURS

(Emphasis In Human Resource Management)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
BUSA 3134 - Accounting for Management (3)	
MGNT 3134 - Behavior in Organizations (3)	
MGNT 3334 - Human Resource Management (3)	
MGNT 4230 - International Management (3)	
MGNT/LSTD 4334 - Workplace Legislative Compliance (3)	
Select <u>three</u> of the following:	
MGNT 4332 - Compensation and Benefits (3)	
MGNT/CISM 4333 - Human Resources Information Systems (3)	
MGNT 4335 - Labor Relations (3)	
MGNT 4338 - Staffing, Training and Development (3)	
Electives	12 Hours

Electives should be chosen in consultation with the student's advisor.

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

MANAGEMENT
B.B.A., 126 HOURS
(Emphasis In Operations Management)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
BUSA 3134 - Accounting for Management (3)	
MGNT 3134 - Behavior in Organizations (3)	
MGNT 3437- Service Operations Management (3)	
MGNT 4431 - Purchasing and Negotiations (3)	
MGNT 4435 - Management of Quality (3)	
MGNT 4436 - Planning and Control Systems (3)	
MGNT 4438 - Operations in Supply Chains (3)	
Select <u>one</u> of the following:	
ACCT 4131 - International Accounting (3)	
CISM 4136 - Global Information Resource Management (3)	
ECON 3132 - International Trade (3)	
FINC 3133 - International Finance (3)	
LSTD 3130 - International Trade Regulation (3)	
MGNT 4230 - International Management (3)	
MKTG 4136 - International Marketing (3)	
Electives	12 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

MARKETING B.B.A., 126 HOURS (Without An Area Of Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
MKTG 4131 - Marketing Research (3)	
MKTG 4136 - International Marketing (3)	
MKTG 4137 - Marketing Management (3)	
MKTG - Upper Division Electives Approved by an Advisor (9)	
Two Upper Division Marketing and/or Logistics and Intermodal Transportation Electives Approved by an Advisor (6)	
Electives	12 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

MARKETING

B.B.A., 126 HOURS

(Emphasis In Fashion Merchandising)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
FMAD 3231 - 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 - Upper Division Elective Approved by an Advisor (3)	
Electives	12 Hours
Electives should be chosen in consultation with the student's advisor.	
Suggested are the following:	
FMAD 3234 - Textiles (3)	
FMAD 4234 - Fashion Presentations and Promotion (3)	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

MARKETING B.B.A., 126 HOURS (Emphasis In Retailing Management)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
Major Requirements	24 Hours
MKTG 3135 - Principles of Retailing (3)	
MKTG 4131 - Marketing Research (3)	
MKTG 4132 - Retail Store Management (3)	
MKTG 4135 - Buyer Behavior (3)	
MKTG 4136 - International Marketing (3)	
MKTG 4137 - Marketing Management (3)	
MKTG - Upper Division Electives Approved by an Advisor (6)	
Electives	12 Hours

Electives should be chosen in consultation with the student's advisor.

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

MARKETING
B.B.A., 126 HOURS
(Emphasis In Sales And Sales Management)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
*Area C - Humanities, Fine Arts, and Ethics	6 Hours
*Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2101 - Financial Accounting (3)	
ACCT 2102 - Managerial Accounting (3)	
BUSA 1105 - Introduction to Business (3)	
CISM 2530 - Advanced Business Applications (3)	
ECON 2106 - Business Economics (3)	
LSTD 2106 - Legal Environment of Business (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements Beyond Area A1-F	24 Hours
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 4131 - Strategic Management (3)	
CISM 4130 - Management Information Systems (3)	
FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3430 - Operations Management (3)	
MKTG 3131 - Principles of Marketing (3)	
*Major Requirements	24 Hours
MKTG 3133 - Professional Selling (3)	
MKTG 3134 - Business Marketing (3)	
MKTG 4131 - Marketing Research (3)	
MKTG 4133 - Sales Management (3)	
MKTG 4136 - International Marketing (3)	
MKTG 4137 - Marketing Management (3)	
MKTG 4232 - Advanced Selling (3)	
MKTG - Upper Division Electives Approved by an Advisor (3)	
Electives	12 Hours
Electives should be chosen in consultation with the student's advisor.	

ADVISEMENT: College of Business Administration Student Services Center, Business Administration Bldg., (912) 478-0085.

PROGRAM ADMISSION CRITERIA AND OTHER PROGRAM REQUIREMENTS: See B.B.A. Specific Requirements

**Area C - Recommended: COMM 1110 - Principles of Public Speaking (3)*

**Area D - Required: MATH 1232 - Survey of Calculus (3)*

**Area E - Recommended: PSYC 1101 Introduction to Psychology (3) or SOCI 1101 - Introduction to Sociology (3)*

**Major Requirements - Students interested in the Real Estate Industry may take FINC 4431 - Principles of Real Estate (3) OR FINC 4433 - Real Estate Appraisal (3) in place of the MKTG elective.*

College of Education

Dean: Thomas R. Koballa, Jr.
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Associate Dean for Graduate Education and Research: Tracy Linderholm
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Associate Dean for Undergraduate, Teacher Education and Accreditation: Deborah Thomas
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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.

CONCEPTUAL FRAMEWORK

Part I: Beliefs and Commitments

The College of Education assumes leadership for the preparation and continuing development of teacher candidates and other professional school personnel in collaboration with other colleges on campus, public schools, and related educational agencies. Further, we believe in the inclusive nature of the term *educator* as it refers to candidates in all programs of the College of Education who work in schools or other educational agencies. We understand our work affects both our candidates and the individuals (including students) with whom they work. Toward that end, our conceptual framework extends beyond the traditional boundaries of the College to form a professional community. The Educator Preparation Committee (EPC), which includes representatives from the College of Education, other colleges on campus, public schools, and related agencies, provides a forum for coordinating these efforts.

"*Reflective Educators for Diverse Learners*" is the theme of the College of Education's conceptual framework. This theme, as articulated in the *Four Commitments*, clearly reflects the mission

of the College and University. The University's focus is on providing a culture of engagement that bridges theory with practice. This focus is reflected in the COE 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." To achieve its mission, the College is committed to academic distinction in undergraduate and graduate education, collaboration, diversity, professional development, and regional service. These College-level commitments are reflected in the *four commitments* we seek to instill in our candidates. Embedding the *four commitments* in the Teacher Education Program (TEP) Standards and aligning them with competencies required by the Georgia Professional Standards Commission and Specialized Professional Associations in all initial and advanced programs ensures coherence among curriculum, instruction, field experiences, clinical practice, and assessment across a candidate's program.

C.1 Commitment to the Knowledge, Skills and Dispositions of the Profession

– We believe that it is of primary importance for our candidates to possess in-depth knowledge of their disciplines and/or subject matter they plan to teach, including a thorough understanding of the central concepts, tools of inquiry, and structures of their fields as delineated in professional, state and institutional standards. These standards provide the framework for the College of Education unit assessment system and for each program's ongoing assessment and revision efforts. We believe that candidates must be knowledgeable about learning theories and related methodologies, the application of emerging technologies, and the influence of human growth and development on the educational process, coupled with a strong subject-matter knowledge base grounded on a firm ethical foundation. Educators must have the ability and the knowledge to create and evaluate personal guidelines for decision making in a professional context. We believe that by presenting a strong research base and linking it with practice we will facilitate the growth of our candidates as informed and reflective practitioners who support the learning of their students. Campus, P-12 schools, and community-based collaborations and partnerships result in richer programs and enhance learning opportunities for all candidates. This represents the wide spectrum of educational activities in the College of Education and recognizes the dynamic nature of the work environments in which our candidates are or will be engaged.

C.2 Commitment to Diversity

- We believe in the necessity of a strong historical understanding of one's profession and the willingness to view knowledge as a personal construction affected by one's cultural beliefs. We believe that educators must also recognize their responsibilities to, and the rights and needs of all students, particularly underserved populations including English language learners, students with exceptionalities, students of color, and those living in poverty. We believe educators must be able to enhance students' learning by addressing diverse learning styles and abilities and taking into account each individual's physical, cognitive, language, emotional, social, and cultural development. We believe that our candidates must understand the interrelatedness of individuals, small groups, and society, both locally and globally. To support the learning of all students, educators must be active in working with issues of

culture, diversity, and equity; understand the political and humanistic nature of education; and have the knowledge and skills to deliver curriculum, instruction and services from multiple perspectives. Educators must be cognizant of the ideological, economic, and special interest pressures exerted on the institution of education at all levels. We believe educators must be able to enhance communication among all users of education in the school, community, home, and industry. We believe that educators must understand how human emotions interact with the education process, both in terms of the student and the educator. Educators must understand how personal perceptions of self, work, and professional relationships affect the daily decision-making process. Educators must be sensitive to prejudice and the effect it has on educational environments. Toward that end, diversity is an integral component of the mission of Georgia Southern University. Our candidates' curriculum, field experiences, clinical practice, and key assessments have been designed to ensure that candidate experiences reflect the diversity of south Georgia.

C.3 Commitment to Technology - We believe that candidates must recognize the critical role of technology in all facets of the educational process; thus, we provide all candidates with experiences that allow exploration of a broad range of technologies. To that end, all candidates in initial and advanced programs integrate technology and other multimedia resources. Candidates will use technology-based best practices to engage all students and maximize their learning as well as enabling them to become proficient in the use of technologies. The College of Education uses a technology-based assessment system that continuously gathers data at the unit and program levels for formative and summative assessment purposes. Through data analysis, the College of Education's professional community ensures that candidates meet technology-related professional and state standards.

C.4 Commitment to the Practice of Continuous Reflection and Assessment - We believe that reflective educators continually engage in data-based assessment, familiarize themselves with the culture of the students they serve, study the history of education on a local, state and national level, and listen to the personal and familial stories of the students in front of them. As part of this process, candidates who work directly with students must monitor, assess and analyze student learning, and make appropriate adjustments to instruction and the learning environment. Other professional school personnel candidates critique and are able to reflect on their work within the context of student learning. We believe that reflective educators use multiple sources of data to evaluate and improve their practice in an effort to ensure that the educational needs of all learners are met. They have the ability to define and frame a problem from multiple perspectives, to consider reasoned courses of action, to act, and, finally, to reflect on the effectiveness of their actions, as demonstrated by a variety of student assessment measures.

Reflective Educators for Diverse Learners considers all learners and represents a vision of professional practice for the entire College of Education professional community. To that end, our conceptual framework demonstrates that we believe all educators must acknowledge the multifaceted nature of their work and engage in practice that reflects a commitment to the knowledge and dispositions of the profession, diversity, technology, and the practice of continuous reflection and assessment.

The purpose of our conceptual framework document is to capture and clearly convey to our candidates, school partners, and other stakeholders what we believe to be the purpose and content of educator preparation. We want to emphasize that these beliefs are also commitments we desire to instill in our candidates. With this as a goal, our conceptual framework document is presented in two sections. Part I contains our belief statements expressed as *Four Commitments* and Part II contains the bibliographic support for each commitment. It includes a mixture of foundational literature and literature that is currently used by faculty in course bibliographies or as required textbooks. This literature underpins our beliefs and the *Four Commitments* across all programs in the College of Education. The Conceptual Framework Bibliography is a dynamic document that is maintained on our COE Web site.

STRUCTURE

The College of Education is organized into three academic departments:

The **Department of Teaching and Learning** offers undergraduate teacher preparation programs in early childhood education (grades P-5); middle grades education (grades 4-8); special education (P-12); and the P-12 teaching field in health and physical education. The Master of Arts in Teaching (M.A.T.) program offers secondary and P-12 teacher preparation in the fields of biology, broad fields science, business, chemistry, economics, English, family and consumer sciences, history, geography, mathematics, physics, political science, and Spanish, as well as middle grades and special education. The department offers a Master of Education (M.Ed.) program in curriculum and instruction - accomplished teaching, as well as Master of Education (M.Ed.) and Education Specialist (Ed.S.) degrees in early childhood education; special education with concentrations in general or adaptive curriculum; middle grades education with concentrations in language arts, mathematics, reading, science, and social studies; and secondary education with concentrations in biology, broad fields science, business, chemistry, economics, English, geography, history, mathematics, physics, and political science. In addition to degree programs, the department offers an endorsement in English for Speakers of Other Languages (ESOL). The 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.

Ronnie Sheppard, Chair

Professors: G. Chamblee, A. Gallard, L. Gilpin, T. Koballa, R. Mayes, M. Schriver, R. Sheppard

Associate Professors: S. Beck, M. Bennett, Y. Bodur, C. Draper, K. Drawdy, S. Franks, M. LaMontagne, H. Lu, J. Maudlin, M. Reidel, J. Robbins, D. Thomas, D. Weems

Assistant Professors: N. Arrington, K. Brkich, C. Howerter, J. Jupp, E. Landers, A. Leckie, B. McKenna, L. Soares, A. Unal, A. Wall

Instructors: K. Chassereau, K. Crawford, B. Nelson, A. Newkirk, P. Powell, H. Scott, B. Strauser, K. Tootle, J. Tremble, S. Woodward

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, higher education student services, educational leadership, 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 online teaching and learning endorsement.

Beth Durodoye, Chair

Professors: J. Bergin, R. Carlson, K. Clark, E. Downs, B.

Durodoye, J. Repman

Associate Professors: T. Diamanduros, C. Hodges, B. Marina, T.

Melton, F. Parks, J. Tysinger, P. Tysinger

Assistant Professors: C. Bailey, M. Boncana, B. Callahan, D.

Calhoun, L. Green, A. Edwards-Joseph, D. Jensen, J.

LaFrance, S. Jones, R. Mays

Lecturer: P. Brinson

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. A master's degree program in reading education, an education specialist degree program in reading education, and a doctoral degree program in curriculum studies are offered by this department. In addition to degree programs, the department offers the reading endorsement.

Kent Rittschof, Interim Chair

Professors: G. Dmitriyev, M. Griffin, M. He, S. Jenkins, T.

Linderholm, D. Liston, M. Moore, M. Morris, D. Rea, K.

Rittschof, J. Weaver, C. Zinskie

Associate Professors: S. Brown, W. Chambers, D. Chapman, E.

Edwards, B. Griffin, R. Lake, W. Reynolds, S. Ross, M.

Williams-Johnson

Assistant Professor: A. Davis, J. Hilpert, I. Lubin, A. Stevenson

Instructors: A. Hotchkiss, K. Tharp

The College of Education also has a variety of centers and offices that provide specific services to its students, faculty, and public schools:

Within the **Office of Undergraduate Teacher Education and Accreditation**, the Associate Dean coordinates all activities related to undergraduate education; Title II and BOR reporting; NCATE/PSC accreditation; College of Education Unit and program assessment; and Educator Preparation Committee activities. The Director of Field Experiences and Partnerships facilitates all field experiences and coordinates student teaching and the Partnership Council including Clinical Associates, Clinical Supervisors, Partner Schools, and International Learning Community exchanges in collaboration with the various departments, public schools and international partners. Contact information for the Director of Field Experiences and Partnerships is Ms. Patricia A. Parsons, pparsons@georgiasouthern.edu, (912) 478-0499.

The **Office of Graduate Education and Research** coordinates graduate admissions and program offerings as well as research and grant activity for the College in collaboration with the various departments, campus offices, and school systems.

The **Center for Educational Leadership and Service** is committed to serving school-university partnerships in preparation, certification, and support of "performance coaches" in educational leadership preparation programs. Furthermore, the

Center develops leadership capacity in P-12 partner schools through sponsored research and professional development activities.

The **Center for International Schooling** coordinates the activities of the **International Learning Community (ILC)**. Through the ILC, Georgia Southern University and the United Kingdom universities of Derby, East London, Cambridge, Sheffield Hallam, and Oxford Brookes focus on the goal of improved teaching and learning from pre-school through graduate education. The ILC facilitates the sharing of research and best practice through partnerships and also the exchanges of students, school and university faculty, and school and university researchers.

The **Coastal Area Teacher Education Service (CATES)** promotes the continuing education and professional development of teachers and other educators in school systems in the southeast area of Georgia. CATES assists in the scheduling of off-campus graduate education courses, publicizes those courses and Professional Learning Unit (PLU) opportunities, and assists off-campus graduate education students as needed.

The **College of Education Student Success Center (SSC)** is responsible for the advisement of all undergraduate education majors. The Director of the SSC and Certification Officer serves as a liaison between the College and the Georgia Professional Standards Commission dealing with certification matters. The Director evaluates student transcripts to determine course needs for acquiring initial or additional certification fields and makes the College's recommendations for certification.

The **Georgia Center for Educational Renewal** conducts research and identifies its applications to practice for education renewal and/or reform in P-16 schools. It also focuses on educator preparation to facilitate improved teaching and learning in schools, especially for under-served populations. The Center is committed to closing the gaps between research and practice, the university and the schools and in the achievement of minority/majority students. It facilitates the activities of the Center for International Schooling, and the Center for Educational Leadership and Service.

The **Graduate Academic Services Center** provides a comprehensive graduate experience beginning with recruiting prospective graduate students to providing student support for College of Education graduate students from program entry through graduation. The staff provides direct advisement for graduate students in several programs within the Department of Teaching and Learning and provides pre-admission advisement for students in additional graduate programs in other College of Education departments. The Center staff also provides faculty and administrator support through the collecting, processing, and consolidating of assessment data for College of Education graduate programs.

The **Instructional Resources Center (IRC)** provides computer laboratories, portable multimedia equipment, and a variety of material resources and equipment for students and faculty. The IRC also provides technical and instructional assistance to College of Education faculty, staff, and students.

The **National Youth-At-Risk Center** develops, coordinates, and extends further the ongoing efforts of the College of Education to foster the intellectual, social, emotional, and physical well-being

of youth placed at risk by providing professional development, research support, and resource assistance for educators serving these youth within the geographical service region of Georgia Southern and beyond.

UNDERGRADUATE PROGRAM APPROVAL AND UNIT ACCREDITATION

The College of Education offers undergraduate programs to prepare its students for work in public education. Programs are developed in collaboration with departments across the campus and with professionals in the field of education. Each program has been approved by the Georgia Professional Standards Commission, the National Council for Accreditation of Teacher Education, and the Southern Association of Colleges and Schools.

Programs - Undergraduate

Early Childhood Education - B.S.Ed.

Health and Physical Education - B.S.Ed.

Music Education - B.M. (Teacher preparation program offered by the Department of Music with certification through the College of Education)

Middle Grades Education - B.S.Ed.

Special Education (Interrelated/Mild) - B.S.Ed.

Undergraduate Advisement

Pre-education and education majors are assigned to a professional advisor in the Student Success Center in the College of Education (COE Bldg. room 1107) for program planning and course scheduling. 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 advisors to plan their programs 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 Pre-education majors. For additional information or questions, contact Christina Thompson at (912) 478-0698 or cjthomp@georgiasouthern.edu.

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 course work; and 6 semester 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 credits may not be used to satisfy professional education and content requirements. In addition to these requirements, students pursuing a B.S.Ed. degree 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/M.A.T. requirements.) Criteria for retention in the program must also be met, as well as specific program requirements and Student Teaching 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.) Undergraduate students must be admitted into the Teacher Education Program as a prerequisite for enrollment in junior/senior level education courses. Students must make formal application for admission into the Teacher Education Program which includes a TEP admissions folio review process. The folio review process occurs during enrollment in the Pre-Professional Block (PPB), a set of three three-credit hour courses, which include field experiences totaling 50 clock hours, taken concurrently during the second semester of the sophomore year. For transfer undergraduate students, an alternative folio review process is required. 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 course work as well as any transfer and transient hours which have been accepted by Georgia Southern. Those students who hold a B.A. or B.S. degree must have a minimum cumulative GPA of 2.50 on all coursework.
2. Earned a minimum of 50 semester credit hours in Core Curriculum courses including Area F Professional Education Block courses.
3. Completed Area A1, Area A2, and Area F course work (including the Pre-Professional Block) with a minimum grade of "C" and an adjusted GPA of 2.75 or better in both areas combined.
4. Successfully completed the GACE Basic Skills Assessment examination or be exempted by SAT/ACT/GRE scores.
5. Successfully completed the Pre-Professional Block TEP Admissions Folio Review.
6. 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 Undergraduate Teacher Education Office 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.
7. Successfully completed a writing sample and interview, if applicable (see Transfer Student Plan available from the College of Education's Student Success Center.)
8. Submitted proof of liability insurance.
9. Completed a criminal background check.
10. Opened 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 course work.
3. Students must earn a minimum grade of "C" in all professional education and all teaching field course work.
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 are provided a copy upon admission and must sign a statement agreeing to abide by this Code of Ethics upon admission into TEP.
7. Students must be making satisfactory progress toward meeting program objectives. Programs 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.

Policies and Procedures for Field Experiences, Internships and Clinical Experience - Initial Teacher Preparation

Grading Policy: Refer to the Grading System in the Academic Information section of the catalog. ****College of Education Exception: In very rare situations a "W without penalty" may be given after the official last day to drop, by recommendation of the program coordinator and with approval of the department chair.****

Intervention Policies for Field Experiences, Internship and Clinical Experience

- Allow maximum of two (2) Performance Agreements (Form A) per field experience.
- Allow maximum of one (1) Probation (Form B) per field experience.
- In very rare situations an extension of the student teaching experience (maximum of two weeks) may occur, at the recommendation of the Program Coordinator and upon approval of the Department Chair.

Repeating/Extending Field Experiences, Internship and Clinical Experience

- In very rare situations an extension of a pre-student teaching field experience (maximum of two weeks) may occur, at the recommendation of the Program Coordinator and upon approval of the Department Chair.
- Candidates may repeat each field experience one (1) time.
- Withdraw without academic penalty, withdraw failing or withdrawing at the recommendation of the program faculty from a field experience will be considered one (1) attempt at that field experience.

- When school personnel request that candidates be removed from the school for performance or professional reasons, a new field placement will rarely be identified until the following semester.

Procedures for Training University and Clinical Supervisors

- Each semester Program Coordinators will convene a meeting early in the semester to train and/or update all University Supervisors.
- Each semester University Supervisors will train and/or update Clinical Supervisors in a meeting (one-on-one or group) early in the field experience.

**For grade appeal information, please go to <http://students.georgiasouthern.edu/registrar/resources/catalogs> and click on the current academic catalog.*

Admission to Student Teaching

In the Teacher Education Program, Student Teaching is required in all teacher preparation programs at the undergraduate level. In order to participate in the Student Teaching program, a student must:

1. Meet all admission and retention requirements for the Teacher Education Program.
2. Have earned an overall cumulative GPA of 2.50 or higher on all college course work attempted.
3. Make application to Student Teaching no later than one semester prior to the school year in which registration for the course occurs.
4. Meet admission requirements for Student Teaching no later than one semester prior to enrollment for the course.
5. Have met the College and departmental prerequisites for majoring in the field.
6. Have a disciplinary record clear of any actions which might be a detriment to successful performance in the classroom.
7. Possess mental, emotional, and physical health compatible with the expectations of the profession.
8. Participate in the orientation activities for Student Teaching.
9. Complete the professional education program and courses in the teaching field with a minimum grade of "C" and a total adjusted GPA of 2.75 or better.
10. Take the GACE Content Assessment examination.
11. Complete a criminal background check.

Student Teaching Placements

All student teachers are placed within a 60-mile radius of the Georgia Southern campus. School systems in this area are in the counties of Bryan, Bulloch, Burke, Candler, Chatham, Effingham, Emanuel, Evans, Jenkins, Liberty, Long, Screven, Tattnall, Toombs, Vidalia City and Wayne.

Under the auspices of the International Learning Community, student teaching exchanges within the United Kingdom may be available. Information regarding this exchange can be obtained from the Office of Undergraduate Teacher Education.

Certification

The programs offered by the College of Education at the undergraduate level are designed to prepare teachers for Level Four teacher certification in the state of Georgia. For individuals who already hold a bachelor's degree, initial teaching certification may be obtained for the fields of Early Childhood Education (grades P-5), Health and Physical Education (grades P-

12), or Music Education (grades P-12) by completing program requirements at the undergraduate level.

All graduates of the University who plan to seek certification in Georgia must file an application for a certificate. This will include opening a MyPSC account with the Georgia Professional Standards Commission. Students enrolled in Student Teaching are given an opportunity to make application at a prescribed time. All candidates for a teaching certificate must pass the Georgia certification test (GACE Content Assessment) in the appropriate field, must have transcripts reviewed by the Director of the SSC and Certification Officer, and be recommended to the Georgia Professional Standards Commission for certification. Forms for this purpose are available online at <http://www.gapsc.com/> and can be turned in at the College of Education Student Success Center, COE Building, room 1107. Contact information for the Certification Officer is Christina Thompson, 912-478-0698 or cjthomp@georgiasouthern.edu.

Alternative Teacher Certification Process and Procedures

The College of Education offers the Master of Arts in Teaching (M.A.T.) degree or 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.) Those who hold a bachelor's degree and are interested in Early Childhood Education, Health and Physical Education, or 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.

Prospective students should contact the College of Education Student Success Center with questions and go to <http://coe.georgiasouthern.edu> for an Application for Evaluation for Initial Teacher Certification. The completed application should be submitted along with transcripts and payment of the required fee (\$25.00 for the first evaluation and \$10.00 for each additional field requested). Allow at least two weeks for the evaluation process to be completed. Evaluations will be mailed to the applicant upon completion.

All applicants are expected to meet the criteria for admission to the Teacher Education Program. Further requirements for alternative certification students are outlined in the Application for Admission packet which is mailed out with each completed evaluation.

For students pursuing the certification-only option in Early Childhood Education or Health and Physical Education, advisement is provided in the College of Education Student Success Center.

For further information about alternative certification programs and the transcript evaluation process, 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
<http://coe.georgiasouthern.edu/advisement/>

College of Education Programs

EARLY CHILDHOOD EDUCATION B.S.Ed., 135 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
Pre-Professional Block	
EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)	
EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)	
EDUC 2130 - Exploring Learning and Teaching (3)	
Prerequisite Courses to Teaching Field	
ISCI 2001 - Life/Earth Science (3)	
ISCI 2002 - Physical Science (3)	
MATH 2008 - Foundations of Number and Operations (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Professional Education	24 Hours
ECED 3732 - Methods I Practicum (3)	
ECED 4733 - Methods II Practicum (3)	
ECED 5799 - Student Teaching in Early Childhood Education (9)	
ECED 4632 - Student Teaching Seminar (3)	
SPED 3231 - Classroom Management (3)	
SPED 3331- Introduction to Special Education for Early Childhood Educators (3)	
Major Requirements	36 Hours
ECED 3232 - P-5 Creative Arts (3)	
ECED 3262 - P-5 Language and Literacy (6)	
ECED 4333 - P-5 Teaching Mathematics (3)	
ECED 4433 - P-5 Science (3)	
ECED 4533 - P-5 Social Studies (3)	
ESED 5234 - Cultural Issues: ESOL (3)	
MATH 3032 - Foundations of Data Analysis and Geometry (3)	
MATH 5130 - Statistics and Probability for K-8 Teachers (3)	
MATH 5135 - Algebraic Connections for K-8 Teachers (3)	
READ 2230 - Cognition and Language (3)	
READ 4233 - Literacy Assessment and Instruction (3)	
Study Concentration: Select one of the following study concentrations	9 Hours
Study Concentration One: P-5 Early Childhood Education (P-5 Certification)	
ECED 3131 - The P-5 Curriculum (3)	
EDUF 3131 - Assessment and Management (3)	
HLTH 3530 - Health and Physical Education for the Early Childhood Teacher (3)	
Study Concentration Two: Special Education/Early Childhood Education (P-5 Dual Certification)	
SPED 3131 - Assessment in Special Education (3)	
SPED 3133 - Methodologies of Inclusive P-5 Settings (3)	
SPED 3134 - Procedures in Special Education (3)	

ADVISEMENT: Each student in Early Childhood 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

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements

- Must be admitted into the Teacher Education Program

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 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, including taking the Georgia teacher certification test, GACE Content Assessment

- Must successfully complete assessments identified at each program transition point

HONORS IN EARLY CHILDHOOD EDUCATION

To graduate with Honors in Early Childhood Education, a student must:

- be admitted to the University Honors Program;
- successfully complete at least four credit hours of COED 3610H 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.

HEALTH AND PHYSICAL EDUCATION

B.S.Ed., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
Pre-Professional Block	
EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)	
EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)	
EDUC 2130 - Exploring Learning and Teaching (3)	
Other courses for the major:	
KINS 2431 - Foundations of Health and Physical Education (3)	
KINS 2531 - Human Anatomy and Physiology I (3)	
KINS 2532 - Human Anatomy and Physiology II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Pedagogy for Professional Educators	22 Hours
ESED 5799 - Student Teaching in P-12 Education (9)	
HLTH 3432 - Health and Physical Education Curriculum Development (3)	
ITEC 3430 - Instructional Technology for P-12 Education (3)	
KINS 4430 - Instructional Design in Health and Physical Education for Elementary (3)	
KINS 4431 - Instructional Design in Health and Physical Education for Middle and High School (3)	
KINS 4617 - Senior Seminar in Health and Physical Education (1)	
Major Requirements	35 Hours
Health Science and Kinesiology Core:	
HLTH 3130 - Substance Use and Abuse (3)	
HLTH 3332 - Coordinated School Health Programs (3)	
HLTH 3431 - Methods and Materials for School Health Education (3)	
KINS 2511 - Human Anatomy and Physiology I Lab (1)	
KINS 2512 - Human Anatomy and Physiology II Lab (1)	
KINS 3131 - Biophysical Foundations of Human Movement (3)	
KINS 3230 - Motor Control/Coordination Skill (3)	
KINS 3435 - Life Span Motor Development (3)	
KINS 4432 - Adapted Physical Education (3)	
Movement Content and Performance Core:	
KINS 3432 - Elementary Physical Education I (3)	
KINS 3433 - Elementary Physical Education II (3)	
KINS 3436 - Performance and Technique in Physical Activity I (3)	
KINS 3437 - Performance and Technique in Physical Activity II (3)	
Elective	3 Hours

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

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirement

- Must be admitted into the Teacher Education Program

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 including taking the Georgia teacher certification test, GACE Content Assessment
- 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 COED 3610H 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.

MIDDLE GRADES EDUCATION

B.S.Ed., 135 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Pre-Professional Block

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 - Exploring Learning and Teaching (3)

Other courses for the major:

Select 6 hours in the primary concentration area (language arts, math, science, or social studies) and 3 hours in the secondary concentration area (language arts, math reading, science, or social studies)

Language Arts:

- WRIT/LING 2430 - Essential Grammar for Successful Writing (3)
- READ 2230 - Cognition and Language (3) (required for reading & language arts concentrations)
- If language arts is the primary concentration and reading is the secondary concentration, take ENGL 2111 - World Literature I (3)
- OR** ENGL 2112 - World Literature II (3).

Math:

- Math 1112 - Trigonometry (3)
- MATH 2010 - Problem Solving for K-8 Teachers (3)

Reading (secondary concentration only):

- READ 2230 - Cognition and Language (3)

Social Studies:

- GEOG 1130 - World Regional Geography (3) *If taken in Area E, take GEOG 1101 - Introduction to Human Geography (3)*
- HIST 1111 - World History I (3)

Science:

- ISCI 2001 - Life/Earth Science (3)
- Select 3 hours from the following not taken in Area D:
- BIOL 1230 - Environmental Biology (3)
- CHEM 1040 - Chemistry and the Environment (3)
- GEOL 1340 - Environmental Geology (4)
- PHYS 1135 - How Things Work (3)
- PHYS 1149 - Environmental Physics (3)

Health and Physical Education Activities	4 Hours
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- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation	2 Hours
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- FYE 1220 - First Year Seminar (2)

Pedagogy for Professional Educators	24 Hours
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- ITEC 3530 - Instructional Technology for Middle Grades Education (3)
- MGED 3131 - Nature and Curriculum Needs of the Middle Grades Learner (3)
- MGED 3712 - Middle School Practicum III (1)
- MGED 3731 - Middle School Practicum I (3)
- MGED 3722 - Middle School Practicum II (2)
- MGED 5799 - Student Teaching in Middle Grades Education (9)
- SPED 3332 - Introduction to Special Education in the Middle Grades (3)

Major Requirements	21 Hours
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- ESED 5234 - Cultural Issues: ESOL (3)
- MATH 2008 - Foundations of Numbers and Operations (3)
- MGED 3232 - Methods of Teaching Science in the Middle Grades (3)
- MGED 3332 - Methods of Teaching Language Arts/Reading in the Middle Grades (3)
- MGED 3432 - Methods of Teaching Social Studies in the Middle Grades (3)
- MGED 3532 - Methods of Teaching Mathematics in the Middle Grades (3)
- MSED 5333 - Literature and Writing for Middle and Secondary Schools (3)

Concentrations Selected From Two of the Following Areas	24 Hours
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Language Arts:

- ENGL 5135 - Teaching Literature to Middle and Secondary School Students (3) **OR** *READ 3330 - Content Literacy (3)
- WRIT 3131 - Teaching Writing (3)
- WRIT 3430 - Linguistics and Grammar for Teachers (3)

*If Language Arts is the primary concentration and Reading is the second concentration, candidates must also take WRIT 4570 - Writing, Rhetoric, and Culture (3) **OR** ENGL 5534 - Literature for Adolescents (3)

Math:

- MATH 3032 - Foundations of Data Analysis and Geometry (3)
- MATH 5130 - Statistics and Probability for K-8 Teachers (3)
- MATH 5135 - Algebraic Connections for K-8 Teachers (3)
- MATH 5137 - Geometry for K-8 Teachers (3)

Reading:

- READ 3330 - Content Literacy (3)
- READ 4131 - The Teaching of Reading (3)
- READ 4232 - New Literacies and Technology (3)
- READ 4233 - Literacy: Assessment and Instruction (3)

Science:

- GEOG 3330 - Weather & Climate (3)
- GEOL 5230 - Earth Science (3)
- GEOL 5231 - General Oceanography (3)
- ISCI 2002 - Physical Science (3)

Social Studies:

HIST 4130 - Georgia History (3)

Select 3 hours from the following:

- GEOG 4232 - Geography of Latin America (3)
- GEOG 4233 - Geography of Asia (3)
- GEOG 4330 - Geography of Africa South of the Sahara (3)
- GEOG 4430 - Geography of Europe (3)

Select 3 hours from the following:

- HIST 3434 - Modern European Thought (3)
- HIST 3530 - History of Africa to 1800 (3)
- HIST 3531 - History of Africa Since 1800 (3)
- HIST 3532 - The Modern Middle East (3)
- HIST 3533 - Modern Eastern Europe (3)
- HIST 3534 - Modern Southeast Asia (3)
- HIST 3538 - Modern Latin America (3)

Select 3 hours from the following:

- HIST 3130 - African American History to 1877 (3)
- HIST 3131 - African American History Since 1877 (3)
- HIST 3133 - United States Constitutional History (3)
- HIST 3134 - American Economic History (3)
- HIST 3135 - Rise of U.S. to World Power (3)
- HIST 3136 - U.S. as a Global Power (3)
- HIST 3137 - Topics in U.S. Women's History (3)
- HIST 3139 - History of Religion in the U.S. (3)
- HIST 4132 - Recent America-U.S. History Since 1945 (3)

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

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirement

- Must be admitted into the Teacher Education Program

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 including taking the Georgia teacher certification test, GACE Content Assessment
- Must successfully complete assessments identified at each program transition point

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 COED 3610H 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.

SPECIAL EDUCATION B.S.Ed., 129 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Pre-Professional Block:

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 - Exploring Learning and Teaching (3)

Other courses for the major:

- READ 2230 - Cognition and Language (3)
- MATH 2008 - Foundations of Numbers and Operations (3)
- Electives (3) (*approved by advisor*)

Health and Physical Education Activities

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation

- FYE 1220 - First Year Seminar (2)

Pedagogy for Professional Educators.....

- EDUF 3232 - Educational Psychology: General (3)
- ITEC 3230 - Instructional Technology for Special Education (3)
- SPED 3711 - Special Education Practicum I (1)
- SPED 3722 - Special Education Practicum II (2)
- SPED 4733 - Special Education Practicum III (3)
- SPED 4734 - Special Education Practicum IV (3)
- SPED 5799 - Student Teaching in Special Education (9)

Major Requirements

- ESED 5234 - Cultural Issues: ESOL (3)
- READ 4131 - The Teaching of Reading (3)
- SPED 3130 - Characteristics of Learners with Special Needs (3)
- SPED 3131 - Assessment in Special Education (3)
- SPED 3134 - Special Education Procedures (3)
- SPED 3231 - Classroom Management (3)
- SPED 3631 - Inclusive Practices (3)
- SPED 4230 - Instructional/Behavior Management Methods/P-5 (3)
- SPED 4231 - Instructional/Behavior Management Methods/6-12 (3)
- SPED 4430 - Family, Community, and Professional Collaboration (3)

Concentration Selected 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 (3) **OR** ENGL 5534 - Literature for Adolescents (3)
- LING/WRIT 3430 - Linguistics and Grammar for Teachers (3)
- WRIT 3131 - The Teaching of Writing (3) **OR** READ 3330 - Content Literary (3)

Math:

- MATH 3032 - Foundations of Data Analysis and Geometry (3)
- MATH 5130 - Statistics and Probability for K-8 Teachers (3)
- MATH 5135 - Algebraic Connections for K-8 Teachers (3)

Reading:

- READ 3330 - Content Literary (3)
- READ 4232 - New Literacies and Technology (3)
- READ 4233 - Literacy and Assessment (3)

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

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements

- Must be admitted to the Teacher Education Program

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 take courses in proper sequence

- Must successfully complete portfolio evaluation process
- Must meet requirements for admission to Student Teaching including taking the Georgia teacher certification test, GACE Content Assessment
- Must successfully complete assessments identified at each program transition point

HONORS IN SPECIAL EDUCATION

To graduate with Honors in Special Education, a student must:

- be admitted to the University Honors Program;
- successfully complete at least four credit hours of COED 3610H 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.

Allen E. Paulson College of Engineering and Information Technology

Dean: Mohammad Davoud
CEIT Building Room 3400
P.O. Box 7995
(912) 478-7412
E-mail address: mdavoud@georgiasouthern.edu

Associate Dean: Juan Vargas
Faculty and Research Programs
CEIT Building Room 3400
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Associate Dean: David Williams
Students, Curriculum, and Advisement
CEIT Building Room 3400
P.O. Box 7995
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E-mail address: dwilliams@georgiasouthern.edu

Director: John O'Malley
RETP and Co-op Programs
CEIT Building Room 3400
P.O. Box 7995
(912) 478-7412
E-mail address: jomalley@georgiasouthern.edu

The Allen E. Paulson (AEP) College of Engineering and Information Technology (CEIT) at Georgia Southern University started operations on July 1, 2012. The college offers both undergraduate and graduate degree programs. At the undergraduate level, the college offers the Bachelor of Science degree programs in Civil Engineering, Electrical Engineering, Mechanical Engineering, Computer Science, and Information Technology. At the graduate level, the college offers the Master of Science degree programs in Applied Engineering and Computer Science. The college also offers the Georgia Tech regional engineering transfer programs (RETP) as an option for students to complete their first two years at Georgia Southern prior to transferring to the Georgia Institute of Technology to finish the remainder of their degree requirements.

VISION

The College of Engineering and Information Technology (CEIT) 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 Information Technology (CEIT) 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, CEIT will foster student-centric professional learning experiences utilizing advanced technologies, inspire innovation and invention, encourage sustainability, and technically and economically enrich our communities and societies.

STRUCTURE

Department of Computer Sciences

The CS program is accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>.
Faculty

Murali Medidi, Chair

Professors: J. Bradford, R. Cook, V. Jovanovic, W. Zhang

Associate Professors: J. Harris, L. Li, Y. Li

Assistant Professors: A. Allen, W. Li.

Department of Civil Engineering and Construction Management

The departmental goals are designed to give students state-of-the-art knowledge for professional career and life-long development skills needed to enter the fields of civil engineering and construction management while meeting all the requirements to earn a Bachelor of Science degree. The department engages in the best practices of teaching, scholarship, and service to ensure that graduates serve as ethical and highly qualified leaders of civil engineering and construction management. 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 design and construction. CET degree programs are accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org>. The Construction Management program is accredited by the American Council on Construction Education (ACCE), <http://acce-hq.org>.

Faculty

N. Mike Jackson, Chair

Professors: S. Navaee, J.B. Karrh (Emeritus)

Associate Professors: G. Fu, G. Maldonado, P. Rogers, J. Shen,

Assistant Professors: M. Bhuiyan, M. Jeong, Y. Jung, J. Kang, S.

Kim, Maghiar, W. Wu

Lecturer: C. Martin

Department of Electrical Engineering

The Department of Electrical Engineering offers students a hands-on laboratory oriented Bachelor of Science educational experience in Electrical Engineering and Electrical Engineering Technology (EET). The Master of Science in Applied Engineering degree provides a master's level education in Mechatronics, Engineering Management, Energy Science, and Information Technology. EET degree programs are accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org>.

Faculty

Frank Gross, Chair

Professor: J. Manring (Emeritus)

Associate Professors: S. Bernadin, Y. Al-Kalaani, F. Goforth, R.

Redderson (Emeritus)

Assistant Professors: M. Ahad, R. Alba-Flores, R. Haddad, S.

Lim, D. Rawat, F. Rios-Gutierrez

Laboratory Supervisory: Andrew Michaud

Department of Mechanical Engineering

The Department of Mechanical Engineering offers students a hands-on laboratory oriented Bachelor of Science educational

experience in: Mechanical Engineering and Mechanical Engineering Technology (MET). The Master of Science in Applied Engineering degree provides a master's level education in Mechatronics, Engineering Management, Energy Science, and Information Technology. MET degree program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org>.

Faculty

Brian Vlcek, Chair

Professors: M. Davoud, G. Jones (Emeritus), S. Laskin (Emeritus), B. Vlcek

Associate Professors: C. Cai, D. Calamas, A. Desai, A. Mitra, G. Molina, V. Soloiu, M. Rahman, D. Williams

Assistant Professors: M. Khan, S. Xu, C. Zhang, Y. Zhu

Lecturer: B. Coates

Instructional Technology Services Coordinator: R. Miller

Laboratory Supervisor: Spencer Harp

Department of Information Technology

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

Faculty

J. Art Gowan, Chair

Professor: A. Gowan

Associate Professors: C. Aasheim, C. Kadlec, T. Mirzoev, A. Zhang

Assistant Professors: J. O'Malley, J. Shropshire

PROGRAMS - UNDERGRADUATE

Computer Science

When introduced in 1983, the main emphasis was to provide a solid foundation in algorithm design and implementation based upon a strong background in mathematics. Since that time we have expanded our offerings to include more theoretical-based computer science courses while retaining the original objective. We also have strengthened the program with "core" courses in computer science that reflect a broader emphasis and a greater variety of electives.

The main objective of our program is to provide a quality undergraduate program for those students that enroll in the B.S. in Computer Science major at Georgia Southern University. This involves providing a solid foundation in the design, implementation, and application of computer software systems, a thorough understanding of the theoretical concepts underlying computer science, a functional background in computer hardware systems, and a solid understanding of mathematics.

Outcomes: Each graduate of the program should:

- Understand the concepts that underlie computer science;
- Have a foundation in the design, implementation, integration and testing of software systems;
- Have experience with computer hardware systems;
- Have communication and interaction skills necessary for teamwork;
- Have experience with practical and applied information technology;
- Understand their professional and ethical responsibilities.

Information Technology

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. The B.S. IT prepares students for careers as IT professionals. Students are required to complete thirteen core courses, an internship experience, an IT specialization area, and a six course second discipline.

The Department of Information Technology promotes Information Technology as a profession and as an academic discipline. To pursue this mission, we provide world-class educational programs to prepare students for a range of careers or graduate study in the field of Information Technology, conduct innovative research in all aspects of Information Technology and its applications, and participate in consulting and economic development activities in support of the Mission of Georgia Southern University.

Outcomes: Each graduate of the program should be able to:

- Demonstrate expertise in the core information technologies;
- Identify and define the requirements that must be satisfied to address the problems or opportunities faced by an organization or individual;
- Design effective and usable IT-based solutions and integrate them into the user environment;
- Demonstrate an understanding of best practices and standards and their application to the user environment;
- Identify and evaluate current and emerging technologies and assess their applicability to address individual and organizational needs;
- Create and implement effective project plans for IT-based systems;
- Work effectively in project teams to develop and/or implement IT-based solutions;
- Communicate effectively and efficiently with clients, user and peers, both orally and in writing;
- Demonstrate independent critical thinking and problem solving skills;
- Demonstrate an understanding of the impact of technology on individuals, organizations and society, including ethical, legal and policy issues;
- Demonstrate an understanding of the need for continued learning throughout their career.

Information Technology - WebBSIT

The Georgia WebBSIT 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. IT graduates use computer software and hardware tools and applications to develop, support, and manage the technology infrastructure within organizations. The program objectives are as follows.

Graduates of the Georgia WebBSIT will be able to:

1. Use and apply current IT discipline-related concepts and practices.
2. Identify and analyze organizational and individual problems or opportunities in the IT realm and define requirements for addressing them when an IT solution is appropriate.
3. Design and develop effective, IT-based solutions and integrate them into the user environment.
4. Create and implement effective project plans.
5. Identify and investigate current and emerging technologies and assess their applicability to address individual and organizational needs.

6. Analyze the impact of technology on individuals, organizations, and society.
7. Collaborate in teams to accomplish common goals.
8. Communicate effectively and efficiently.
9. Recognize the qualities necessary to succeed in a professional environment.

These objectives are in keeping with emerging program and curricular standards for IT education, as well as with the goals and objectives of the traditional BSIT programs of the collaborating institutions.

The second purpose of the program relates to access. Georgia WebBSIT will provide access to a BSIT education for Georgia citizens who would otherwise be unable to pursue such training within the State. These include, for example, people who interrupted their educations to take jobs as soon as they had enough skills to work in IT and who would now like to complete their degrees; other working undergraduates with particular imperatives for "any time/any place" learning; stay-at-home parents who wish to upgrade their skills; and separating military personnel who would like to retrain and remain in Georgia.

Department of Civil Engineering

Bachelor of Science in Civil Engineering
Bachelor of Science in Civil Engineering Technology

Department of Electrical Engineering

Bachelor of Science in Electrical Engineering
Bachelor of Science in Electrical Engineering Technology
Regents Engineering Transfer Program (RETP)

Department of Mechanical Engineering

Bachelor of Science in Mechanical Engineering
Bachelor of Science in Mechanical Engineering Technology
Regents Engineering Transfer Program (RETP)

PROGRAMS - GRADUATE

Department of Computer Science

Master of Science in Computer Science (Online)

Department of Electrical Engineering and Department of Mechanical Engineering

Master of Science in Applied Engineering
Options in Mechatronics, Engineering Management, Energy
Science and Information Technology
Graduate Certificate in Engineering and Manufacturing
Management
Graduate Certificate in Occupational Safety and Environmental
Compliance

ADVISEMENT

Undergraduate

Academic advisement for all majors in CEIT is conducted through the Allen E. Paulson College of Engineering and Information Technology (CEIT) Office of Student Services.
Location: Room 1208, Telephone: (912) 478-4877

Graduate

Graduate students in CEIT are advised by the department faculty and the student major advisor. For information regarding MSAE program contact Dr. Frank Goforth in Electrical Engineering

department and for MSCS contact Dr. Lixin Li in Computer Science department.

EXPERIENTIAL LEARNING OPPORTUNITIES

Internships

Internship opportunities are available for all undergraduate programs in the Allen E. Paulson College of Engineering and Information Technology and are required for students majoring 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 Dr. John O'Malley, Director of RETP and Co-op Programs in the Allen E. Paulson College of Engineering and Information Technology Office of the Dean for further information.

Cooperative Education

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 Dr. John O'Malley, Director of RETP and Co-op Programs in the Allen E. Paulson College of Engineering and Information Technology Office of the Dean for further information.

**Allen E. Paulson College of Engineering and
Information Technology Programs**

CIVIL ENGINEERING B.S.C.E., 132 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1441 - Calculus I (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
*COMM 1110 - Principles of Public Speaking (3)	
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*PHYS 1113 - Physics Lab I (1)	
*PHYS 1114 - Physics Lab II (1)	
*PHYS 2211 - Principles of Physics I (3)	
*PHYS 2212 - Principles of Physics II (3)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CHEM 1147 - Comprehensive General Chemistry (4)	
ENGR 1133 - Engineering Graphics (3)	
MATH 2242 - Calculus II (4)	
MATH 2243 - Calculus III (4)	
MATH 2331 - Elementary Linear Algebra (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	20 Hours
Carryover from Area A2 (1)	
Carryover from Area D (1)	
ENGR 1731 - Computing for Engineers (3)	
ENGR 2231 - Engineering Mechanics I (3)	
ENGR 2232 - Dynamics of Rigid Bodies (3)	
ENGR 3233 - Mechanics of Materials (3)	
ENGR 3235 - Fluid Mechanics (3)	
MATH 3230 - Ordinary Differential Equations (3)	
Major Requirements	43 Hours
CENG 2231 - Surveying (3)	
CENG 3131 - Introduction to Environmental Engineering (3)	
CENG 3132 - Introduction to Water and Wastewater Treatment (3)	
CENG 3135 - Project Cost Analysis, Planning, and Management (3)	
CENG 3231 - Highway Design I (3)	
CENG 3232 - Soil Mechanics (3)	
CENG 3233 - Civil Engineering Materials (3)	
CENG 3311 - Fluid Mechanics Laboratory (1)	
CENG 3331 - Structural Analysis I (3)	
CENG 3332 - Structural Analysis II (3)	
CENG 3333 - Reinforced Concrete Design (3)	
CENG 4539 - Senior Project (3)	
Select <u>9 hours</u> from the following Civil Engineering technical elective courses:	
CENG 4133 - Water Supply and Wastewater Collection Systems (3)	
CENG 4137 - Open Channels and Pumps (3)	
CENG 4139 - Advanced Water & Wastewater Treatment (3)	
CENG 4231 - Highway Design II (3)	
CENG 4232 - Foundation Design (3)	
CENG 4234 - Asphalt Mix Design (3)	
CENG 4331 - Structural Steel Design (3)	
CENG 4332 - Prestressed Concrete Design (3)	
CENG 4336 - Introduction to Finite Elements (3)	
Free Elective	3 Hours

ADVICE: CEIT Office of Student Services, Room 1208, Allen E. Paulson College of Engineering and Information Technology, Telephone: (912) 478-4877.

OTHER PROGRAM REQUIREMENTS:

- A minimum grade of "C" is required for all CENG courses.
- At least 30 Semester hours of approved upper division Engineering credits must be earned at Georgia Southern.

**The listed courses are recommended in the Core Areas noted and may be prerequisites for major courses.*

HONORS IN CIVIL ENGINEERING

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 UHON 4999 (Honors Research)
- Maintain a 3.3 institution grade point average, including a 3.5 minimum GPA in all major courses applied towards graduation

CIVIL ENGINEERING TECHNOLOGY B.S.C.E.T., 134 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1112 - Trigonometry (3) OR MATH 1113 - Pre-Calculus (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CHEM 1147 - Comprehensive General Chemistry (4)	
TENS 2138 - Digital Computation (3) OR CSCI 1232 - Introduction to FORTRAN Programming (3) OR ENGR 1731 - Computing for Engineers (3)	
ENGR 1133 - Engineering Graphics (3)	
MATH 2242 - Calculus II (4)	
PHYS 1112 - Introduction to Physics II (3)	
PHYS 1114 - Physics Lab II (1)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	20 Hours
Carryover from Core (1)	
TCET 3236 - Project Cost Analysis, Planning, and Management (3)	
TENS 2141 - Statics (4)	
TENS 2142 - Dynamics (4)	
TENS 2143 - Strength of Materials (4)	
TENS 2144 - Fluid Mechanics (4)	
Major Requirements	45 Hours
TCET 2241 - Surveying (4)	
TCET 3141 - Environmental Pollution (4)	
TCET 3142 - Structural Analysis (4)	
TCET 3233 - Transportation Systems (3)	
TCET 3234 - Construction Materials (3)	
TCET 4141 - Water Supply Systems (4)	
TCET 4142 - Reinforced Concrete Design (4)	
TCET 4146 - Structural Steel Design (4)	
TCET 4243 - Highway Design (4)	
TCET 4244 - Soil Mechanics and Foundations (4)	
TCET 4245 - Water-Wastewater Treatment (4)	
TCET 4536 - Senior Project (3)	
Free Elective	3 Hours

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OTHER PROGRAM REQUIREMENTS:

- At least 30 Semester hours of approved upper division Engineering Technology credits must be earned at Georgia Southern.
- The Area A2 Math requirement is Trigonometry, but Pre-Calculus may be substituted.
- Introduction to Physics I (with Physics I Lab) is recommended as an Area D, Section I - Traditional Lab Science course.
- Calculus I is recommended as an Area D, Section III - Mathematics, Science or Technology course.

CIVIL ENGINEERING TECHNOLOGY SUGGESTED CHRONOLOGY

FIRST YEAR

Fall - 13 or 14 Hours

ENGL 1101 - Composition I (3) (Area A1)
FYE 1220 - First Year Seminar (2) (Additional Core Requirements)
HIST 2110 - United States: A Comprehensive Survey (3) (Area E)
HLTH 1520 - Healthful Living (2) (Additional Core Requirements)
MATH 1112 - Trigonometry (3) **OR** MATH 1113 - Pre-Calculus (4) (Area A2)

Spring - 18 Hours

Environmental Science with Lab (4) (Area D - Section II)
ENGL 1102 - Composition II (3) (Area A1)
ENGR 1133 - Engineering Graphics (3) (Area F)
MATH 1441 - Calculus I (4) (Area D)
PHYS 1111 - Introduction to Physics I (3) (Area D)
PHYS 1113 - Physics I Lab (1) (Area D)

SECOND YEAR

Fall - 19 Hours

TENS 2138 Digital Computation (3) **OR** CSCI 1232 - Introduction to FORTRAN Programming (3) **OR** ENGR 1731 - Computing for Engineers (3) (Area F)
HIST 1112 - World History II (3) (Area B)
KINS - Physical Activity (1) (Additional Core Requirements)
MATH 2242 - Calculus II (4) (Area F)
PHYS 1112 - Introduction to Physics II (3) (Area F)
PHYS 1114 - Physics II Lab (1) (Area F)
TENS 2141 - Statics (4)

Spring - 18 Hours

CHEM 1147 - Comprehensive General Chemistry (4)
FYE 1410 - Global Citizens (1) (Area B)
KINS - Physical Activity (1) (Additional Core Requirements)
TCET 2241 - Surveying (4) (Area F)
TENS 2143 - Strength of Materials (4)
TENS 2144 - Fluid Mechanics (4)

THIRD YEAR

Fall - 18 Hours

Free Elective (SACS Requirement) (3)
Humanities, Fine Arts, and Ethics Elective (3) (Area C)
TENS 2142 - Dynamics (4)
TCET 3141 - Environmental Pollution (4)
TCET 3142 - Structural Analysis (4)

Spring - 17 Hours

TCET 3233 - Transportation Systems (3)
TCET 3234 - Construction Materials (3)
TCET 3236 - Project Cost Analysis, Planning, and Management (3)
TCET 4146 - Structural Steel Design (4)
TCET 4245 - Water-Wastewater Treatment (4)

FOURTH YEAR

Fall - 19 Hours

ENGL 2111 - World Literature I (3) **OR** ENGL 2112 - World Literature II (3) (Area C)
TCET 4141 - Water Supply Systems (4)
TCET 4142 - Reinforced Concrete Design (4)
TCET 4243 - Highway Design (4)
TCET 4244 - Soil Mechanics and Foundations (4)

Spring - 13 Hours

Social Sciences Elective (3) (Area E)
ECON 2105 - Economics in a Global Society (3) (Area E)
POLS 1101 - American Government (3) (Area E)
TCET 4536 - Senior Project (3)
SACS Free Elective (1)

COMPUTER SCIENCE B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
ENGL 2111 - World Literature I (3) OR ENGL 2112 - World Literature II (3)	
COMM 1110 - Principles of Public Speaking (3)	
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
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 2242 - Calculus II (4)	
STAT 2231 - Introduction to Statistics I (3)	
<i>The additional hour will be used in electives</i>	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	7 Hours
Foreign Language - 2001 or higher (3) OR International Content Course (3)	
Select one of the following Second Lab Science sequence courses: (<i>first course in sequence assumed taken in Area D</i>)	
BIOL 2108 - Principles of Biology II (3) and BIOL 2108L - Principles of Biology II Lab (1)	
CHEM 1146 - General Chemistry II (4)	
GEOL 1142 - General Historical Geology (4)	
PHYS 1112 - Introduction to Physics II (3) and PHYS 1114 - Physics Lab II (1)	
PHYS 2212 - Introduction to Physics II (3) and PHYS 1114 - Physics Lab II (1)	
Major Requirements	42 Hours
CSCI 3230 - Data Structures (3)	
CSCI 3232 - Systems Software (3)	
CSCI 3236 - Theoretical Foundations (3)	
CSCI 3432 - Database Systems (3)	
CSCI 5330 - Algorithm Design and Analysis (3)	
CSCI 5331 - Computer Architecture (3)	
CSCI 5332 - Data Communications and Networking (3)	
CSCI 5335 - Object Oriented Design (3)	
CSCI 5431 - Computer Security (3)	
CSCI 5436 - Distributed Web Systems Design (3)	
CSCI 5530 - Software Engineering (3)	
Select three of the following elective courses:	
CSCI 3231 - Logic Circuits and Microprocessor (3) OR ENGR 2332 - Introduction to Computer Engineering (3) OR other approved 3000-level electives	
CSCI 5090 - Selected Topics (3)	
CSCI 5230 - Discrete Simulation (3)	
CSCI 5235 - Human Computer Interaction (3)	
CSCI 5430 - Artificial Intelligence (3)	
CSCI 5437 - Computer Graphics (3)	
CSCI 5438 - Animation (3)	
CSCI 5439 - Game Programming (3)	
CSCI 5531 - Systems Assurance Standards and Processes (3)	
CSCI 5532 - Network Management Systems (3)	
CSCI 5534 - Software Testing and Quality Assurance (3)	
CSCI 5537 - Broadband Networks (3)	
CSCI 5538 - Wireless and Mobile Systems (3)	
CSCI 5539 - Optical Networks (3)	
Electives	11 Hours
<i>Carryover from Area F (1)</i>	
CERTIFICATES: Students can earn certificates in one or more of the following areas by completing the course requirements shown below:	
Broadband and Mobile Systems Certificate (Complete any three courses)	
CSCI 5532 - Network Management Systems (3)	
CSCI 5537 - Broadband Networks (3)	

CSCI 5538 - Wireless and Mobile Systems (3)

CSCI 5539 - Optical Networks (3)

Network and Computer Security Certificate

CSCI 5431 - Computer Security (3)

CSCI 5531 - Systems Assurance Standards and Processes (3)

CSCI 5532 - Network Management Systems (3)

Game Programming Certificate (Complete any three courses)

CSCI 5235 - Human Computer Interaction (3)

CSCI 5437 - Computer Graphics (3)

CSCI 5438 - Animation (3)

CSCI 5439 - Game Programming (3)

Software Engineering Certificate

CSCI 5235 - Human Computer Interaction (3)

CSCI 5436 - Distributed Web System Design (3)

CSCI 5534 - Software Testing and Quality Assurance (3)

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.

ADVISEMENT: CEIT Office of Student Services, Room 1208, Allen E. Paulson College of Engineering and Information Technology, Telephone: (912) 478-4877.

PROGRAM ADMISSION CRITERIA: A student must have completed both MATH 2130 and CSCI 1301 (Programming Principles I) with a "C" or better and be enrolled in CSCI 1302 in order to be accepted as a major in Computer Science. Otherwise, a student declaring a major in Computer Sciences will be declared a "Pre-Computer Science" major.

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).

CONSTRUCTION MANAGEMENT

B.S.Cons., 131 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1112 - Trigonometry (3)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
*COMM 1110 - Public Speaking (3) Requirement for Humanities, Fine Arts, and Ethics	
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*GEOL 1340 - Environmental Geology (4) (Area D, Section II)	
*PHYS 1111 - Introduction to Physics I (3) (Area D, Section I)	
*PHYS 1113 - Physics Lab I (1) (Area D, Section I)	
*STAT 2231 - Introduction to Statistics I (3) (Area D, Section III)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2030 - Survey of Accounting (3)	
TCM 1131 - Building Materials and Systems (3)	
TCM 1231 - Introduction to Construction Management (3)	
TCM 1232 - Introduction to Construction Graphics (3)	
TCM 2233 - Construction Surveying (3)	
WRIT 2130 - Technical Communications (3)	
Health and Physical Education Activity	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Activity (Two 1-hour Courses)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Courses	62 Hours
Business Elective 1 (3000 or 4000 level) (3)	
Business Elective 2 (3000 or 4000 level) (3)	
LSTD 3230 - Building Construction Law (3)	
MGNT 3130 - Principles of Management (3)	
TCM 2240 - Introduction to Structures (4)	
TCM 2241 - Mechanical and Electrical Equipment and Systems (4)	
TCM 2330 - Green Building and Sustainable Construction (3)	
TCM 2333 - Building Information Modeling for Construction Management (3)	
TCM 2430 - Construction Safety (3)	
TCM 3231 - Structures I (3)	
TCM 3232 - Structures II (3)	
TCM 3330 - Quantity Estimating (3)	
TCM 3331 - Construction Finance (3)	
TCM 3332 - Construction Equipment Management (3)	
TCM 3333 - Building Codes (3)	
TCM 4431 - Construction Cost Estimating (3)	
TCM 4432 - Construction Administration (3)	
TCM 4433 - Project Planning and Scheduling (3)	
TCM 4434 - Site Construction (3)	
TCM 4530 - Senior Project (3)	

NOTE: The following courses are reserved for special circumstances, as approved by the student's academic advisor, and may be used in place of other required courses to satisfy the requirements of the major.

TCM 3890 - Special Problems in Construction (1-4)

TCM 4090 - Selected Topics in Construction (1-3)

Free Elective..... **3 Hours**

ADVISEMENT: CEIT Office of Student Services, Room 1208, Allen E. Paulson College of Engineering and Information Technology, Telephone: (912) 478-4877.

OTHER PROGRAM REQUIREMENTS:

- Approved work experience of 400 hours in the construction management industry is required for graduation.
- A minimum grade of "C" is required in all TCM and PHYS courses.

** The listed courses are recommended in the Core Areas noted. Several of these are prerequisites of other courses required for the major.*

CONSTRUCTION MANAGEMENT SUGGESTED CHRONOLOGY

FIRST YEAR

Fall - 17 Hours

ENGL 1101 - Composition I (3) (Area A1)
FYE 1220 - First Year Seminar (2) (Additional Core Requirements)
HIST 2110 - United States: A Comprehensive Survey (3) (Area E)
MATH 1112 - Trigonometry (3) OR MATH 1113 - Pre-Calculus (4) (Area A)
POLS 1101 - American Government (3) (Area E)
TCM 1231 - Introduction to Construction Management (3) (Area F)

Spring - 17 Hours

COMM 1110 - Public Speaking (3) (Area C)
ENGL 1102 - Composition II (3) (Area A)
FYE 1410 - Global Citizens (1) (Area B)
PHYS 1111 - Introduction to Physics I (3) (Area D, Section I)
PHYS 1113 - Physics Lab I (1) (Area D, Section I)
TCM 1131 - Building Materials & Systems (3) (Area F)
TCM 1232 - Construction Graphics (3) (Area F)

SECOND YEAR

Fall - 16 Hours

ECON 2105 - Economics in a Global Society (3) (Area E)
ENGL 2111 - World Literature I (3) OR ENGL 2112 - World Literature II (3) (Area C)
HLTH 1520 - Healthful Living (2) (Additional Core Requirements)
KINS - Physical Activity (1) (Additional Core Requirements)
TCM 2233 - Construction Surveying (3) (Area F)
TCM 2240 - Introduction to Structures (4) (Area CM)

Spring - 17 Hours

ACCT 2030 - Survey of Accounting (3) (Area F)
KINS - Physical Activity (1) (Additional Core Requirements)
TCM 2241 - Mechanical and Electrical Equipment and Systems (4) (Area CM)
TCM 2333 - Building Information Modeling for Construction Management (3) (Area CM)
TCM 2430 - Construction Safety (3) (Area CM)
WRIT 2130 - Technical Communications (3) (Area F)

THIRD YEAR

Fall - 16 Hours

GEOL 1340 - Environmental Geology (4) (Area D, Section II)
HIST 1112 - World History II (3) (Area B)
TCM 3231 - Structures I (3) (Area CM)
TCM 3232 - Structures II (3) (Area CM)
TCM 2330 - Green Building and Sustainable Construction (3) (Area CM)

Spring - 18 Hours

LSTD 3230 - Building Construction Law (3) (Area CM)
MGNT 3130 - Principles of Management (3) (Area CM)
TCM 3332 - Construction Equipment Management (3) (Area CM)
TCM 3330 - Quantity Estimating (3) (Area CM)
TCM 3331 - Construction Finance (3) (Area CM)
TCM 3333 - Building Codes (3) (Area CM)

FOURTH YEAR

Fall - 15 Hours

Business Elective, 3000 or 4000 level (3) (Area CM)
TCM 4431 - Construction Cost Estimating (3) (Area CM)
TCM 4432 - Construction Administration (3) (Area CM)
TCM 4433 - Project Planning & Scheduling (3) (Area CM)
STAT 2231 - Introduction to Statistics I (3) (Area D, Section III)

Spring - 15 Hours

Business Elective, 3000 or 4000 level (3) (Area CM)
Free Elective (3)
Social Science Elective (3) (Area E)
TCM 4434 - Site Construction (3) (Area CM)
TCM 4530 - Senior Project (3) (Area CM)

ELECTRICAL ENGINEERING B.S.E.E., 132 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1441 - Calculus I (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*MATH 2242 - Calculus II (4)	
*PHYS 2211 - Principles of Physics I (3)	
*PHYS 1113 - Physics Lab I (1)	
*Environmental Sciences with Lab (4)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CHEM 1147 - Comprehensive General Chemistry (4)	
ENGR 1731 - Computing for Engineers (3)	
ENGR 1732 - Program Design for Engineers (3)	
MATH 2243 - Calculus III (4)	
PHYS 1114 - Physics Lab II (1)	
PHYS 2212 - Principles of Physics II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	18 Hours
Carryover from Area A2 (1)	
Carryover from Area D (1)	
EENG 4130 - Engineering Economy and Project Management (3)	
ENGR 2231 - Engineering Mechanics I (3) OR ENGR 3431 - Thermodynamics (3)	
ENGR 2341 - Introduction to Signal Processing (4)	
MATH 3230 - Ordinary Differential Equations (3)	
WRIT 2130 - Technical Communication (3)	
Major Requirements	45 Hours
EENG 3230 - Electromagnetic Fields (3)	
EENG 3241 - Electric Machines (4)	
EENG 3321 - Microelectronics Lab (2)	
EENG 3330 - Microelectronics (3)	
EENG 3340 - Microcontrollers (4)	
EENG 3420 - Linear Systems (2)	
EENG 4610 - Senior Project I (1)	
EENG 4621 - Senior Project II (2)	
EENG 5431 - Control Systems (3)	
EENG 5540 - Communication Systems (4)	
ENGR 2323 - Digital Design Lab (2)	
ENGR 2332 - Introduction to Computer Engineering (3)	
ENGR 2334 - Circuit Analysis (3)	
ENGR 3320 - Circuit Analysis Lab (2)	
Select at least <u>7 hours</u> from the following Electrical Engineering courses:	
EENG 4890 - Directed Study in Electrical Engineering (3)	
EENG 5090 - Selected Topics in Electrical Engineering (1-6)	
EENG 5242 - Power Systems (4)	
EENG 5243 - Power Electronics (4)	
EENG 5341 - Robotic Systems Design (4)	
EENG 5342 - Computer System Design (4)	
EENG 5432 - Programmable Logic Controllers (3)	
EENG 5541 - Digital Communications (4)	
EENG 5532 - Wireless Communication (3)	
EENG 5543 - Antennas (4)	
EENG 5891 - Special Problems in Electrical Engineering (1-3)	
Free Elective	3 Hours

ADVISEMENT: CEIT Office of Student Services, Room 1208, Allen E. Paulson College of Engineering and Information Technology, Telephone: (912) 478-4877.

OTHER PROGRAM REQUIREMENTS:

- At least 30 semester hours of approved upper division Engineering credits must be earned at Georgia Southern.

- A grade of “C” or better is required on all the prerequisites for ENGR and EENG courses.

** The listed courses are recommended in Area D*

HONORS IN ELECTRICAL ENGINEERING

To graduate with Honors in Electrical Engineering a student must:

- Be admitted to the University Honors Program
- Complete a capstone project in EENG 4610H and EENG 4621H
- Maintain a 3.3 institution grade point average, including a 3.5 minimum GPA in all major courses applied towards graduation

ELECTRICAL ENGINEERING TECHNOLOGY

B.S.E.E.T., 134 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1113 - Pre-Calculus (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*MATH 1441 - Calculus I (4)	
*PHYS 2211 - Principles of Physics I (3)	
*PHYS 1113 - Physics Lab I (1)	
*Select 4 hours from the following Environmental Sciences with Lab	
BIOL 1230 - Environmental Biology (3) and BIOL 1210 - Environmental Biology Laboratory (1)	
CHEM 1040 - Chemistry and the Environment (4)	
GEOL 1340 - Environmental Geology (4)	
PHYS 1149 - Environmental Physics (4)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CHEM 1145 - Principles of Chemistry I (4)	
ENGR 1133 - Engineering Graphics (3)	
ENGR 1731 - Computing for Engineers (3)	
MATH 2242 - Calculus II (4)	
PHYS 1114 - Physics Lab II (1)	
PHYS 2212 - Principles of Physics II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	11 Hours
Carryover from Area A2 (1)	
TENS 2137 - Engineering Economy (3)	
WRIT 2130 - Technical Communication (3)	
Select 4 hours from the following Technical Elective courses:	
MATH 2243 - Calculus III (4)	
TENS 2141 - Statics (4)	
TENS 2142 - Dynamics (4)	
TENS 2143 - Strength of Materials (4)	
TENS 2144 - Fluid Mechanics (4)	
Any Upper Division Math, Physics, Computer Science, Engineering Technology, or Industrial Technology Course approved by the Advisor	
Major Requirements	54 Hours
Carryover from Area D (1)	
TEET 2143 - Circuit Analysis I (4)	
TEET 2441 - Digital Circuits (4)	
TEET 2443 - Microcontrollers (4)	
TEET 3145 - Circuit Analysis II (4)	
TEET 3241 - Electronics I (4)	
TEET 3243 - Electronics II (4)	
TEET 3341 - Electric Machines (4)	
TEET 4610 - EET Senior Project I (1)	
TEET 4620 - EET Senior Project II (2)	
TEET 5245 - Electronic Communication Systems (4)	
TENS 2146 - Electrical Devices and Measurements (4)	
Select at least 14 hours from the following Electrical Engineering Technology courses:	
TEET 3343 - Electrical Distribution Systems (4)	
TEET 4090 - Selected Topics in Electrical Engineering Technology (1-6)	
TEET 5238 - Industrial Electronics (3)	
TEET 4540 - Automatic Controls (4)	
TEET 5340 - Digital Communications (4)	
TEET 5531 - Programmable Logic Controllers (3)	
TEET 5542 - Computer System Design (4)	
Free Elective	3 Hours

ADVISEMENT: CEIT Office of Student Services, Room 1208, Allen E. Paulson College of Engineering and Information Technology, Telephone: (912) 478-4877.

OTHER PROGRAM REQUIREMENTS:

- At least 30 semester hours of approved upper division Engineering Technology credits must be earned at Georgia Southern.

** The listed courses are recommended in Area D*

ELECTRICAL ENGINEERING TECHNOLOGY SUGGESTED CHRONOLOGY

FIRST YEAR

Fall - 15 Hours

ENGL 1101 - Composition I (3) (Area A1)
ENGR 1133 - Engineering Graphics (3) (Area F)
FYE 1220 - First Year Seminar (2) (Additional Core Requirements)
HIST 2110 - United States: A Comprehensive Survey (3) (Area E)
MATH 1113 - Pre-Calculus (4) (Area A2)

Spring - 16 Hours

CHEM 1145 - Principles of Chemistry I (4) (Area F)
ENGL 1102 - Composition II (3) (Area A1)
ENGR 1731 - Computing for Engineers (3) (Area F)
HLTH 1520 - Healthful Living (2) (Additional Core Requirements)
MATH 1441 - Calculus I (4) (Area D)

SECOND YEAR

Fall - 18 Hours

ENGL 2111 - World Literature I (3) (Area C)
HIST 1112 - World History II (3) (Area B)
MATH 2242 - Calculus II (4) (Area F)
PHYS 1113 - Physics Lab I (1) (Area D)
PHYS 2211-Principles of Physics I (3) (Area D)
TENS 2146 - Electrical Devices and Measurement (4)

Spring - 18 Hours

Humanities, Fine Arts, and Ethics Elective (3) (Area C)
PHYS 1114 - Physics Lab II (1) (Area F)
PHYS 2212 - Principles of Physics II (3) (Area F)
TEET 2143 - Circuit Analysis I (4)
TEET 2441 - Digital Circuits (4)
TENS 2137 - Engineering Economy (3)

THIRD YEAR

Fall - 18 Hours

Free Elective (3) (SACS Requirement)
TEET 2443 - Microcontrollers (4)
TEET 3145 - Circuit Analysis II (4)
TEET 3241 - Electronics I (4)
WRIT 2130 - Technical Communication (3)

Spring - 17 Hours

EET Elective (4)
FYE 1410 - Global Citizens (1) (Area B)
TEET 3243 - Electronics II (4)
TEET 3341 - Electric Machines (4)
TEET 5245 - Electronic Communication Systems (4)

FOURTH YEAR

Fall - 16 Hours

EET Elective (4)
EET Elective (3)
KINS - Physical Activity (1) (Additional Core Requirements)
POLS 1101 - American Government (3) (Area E)
Technical Elective (4)
TEET 4610 - EET Senior Project I (1)

Spring - 16 Hours

ECON 2105 - Economics in a Global Society (3) (Area E)
EET Elective (3)
Environmental Science with Lab (4) (Area D)
KINS - Physical Activity (1) (Additional Core Requirements)
Social Sciences (3) (Area E)
TEET 4620 - EET Senior Project II (2)

INFORMATION TECHNOLOGY

B.S.I.T., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
COMM 1110 - Principles of Public Speaking (3)	
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
STAT 2231 - Introduction to Statistics I (3)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
IT 1130 - Introduction to Information Technology (3)	
IT 1430 - Web Page Development (3)	
IT 2333 - IT Infrastructure (3)	
MATH 2130 - Discrete Mathematics (3)	
WRIT 2130 - Technical Communication (3)	
Second Discipline - (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Educational Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	36-37 Hours
CISM 3134 - Data Communications (3)	
IT 3130 - Web Application Design and Development I (3)	
IT 3131 - Web Application Design and Development II (3)	
IT 3233 - Database Design and Implementation (3)	
IT 3234 - Systems Acquisition Integration and Implementation (3)	
IT 4130 - Information Technology Issues and Management (3)	
IT 4131 - Information Technology Capstone Project (3)	
IT 4790 - Internship in Information Technology (3)	
MATH 1232 - Survey of Calculus (3) OR MATH 1441 - Calculus I (4)	
Select <u>9 hours</u> from <u>one</u> of the following Specialization Areas:	
<u>Systems Development and Support</u>	
CISM 4237 - Business Intelligence (3)	
CSCI 5230 - Discrete Simulation (3)	
IT 4234 - Datacenter Management (3)	
<u>Web and Multimedia Foundations</u>	
IT 3132 - Web Software (3)	
IT 5235 - Advanced Web Interfaces (3)	
IT 5236 - Interactive Web Design and Development (3) OR GCM 5332 - Multimedia Presentation (3)	
<u>Information Management</u>	
CISM 4237 - Business Intelligence (3)	
IT 5135 - Data Analytics (3)	
IT 4136 - Knowledge Discovery and Data Mining (3)	
<u>Networking and Datacenter Administration</u>	
IT 4335 - Network Architecture (3) OR CISM 4238 - Network Administration (3)	
Select <u>two</u> from the following:	
IT 4234 - Datacenter Management (3)	
IT 5433 - Information Storage and Management (3)	
IT 5434 - Network Security Fundamentals (3)	
Second Discipline Concentration	15 Hours
Refer to the Second Disciplines section for a list and descriptions of approved concentrations.	
Electives	8-9 Hours
No more than 6 hours of electives in IT, CSCI, and CISM courses	

ADVISEMENT: CEIT Office of Student Services, Room 1208, Allen E. Paulson College of Engineering and Information Technology, Telephone: (912) 478-4877.

PROGRAM ADMISSION CRITERIA: Before acceptance as an IT major, a student will be required to complete and have a minimum grade of "C" in IT 2333, MATH 1232, MATH 2130, STAT 2231, WRIT 2130, and a minimum average GPA of 2.5 between IT 1130 and IT 1430

OTHER PROGRAM REQUIREMENTS: A minimum grade of "C" is required in all Major Requirements, Second Discipline Concentrations, and minor courses. With the approval of the chair of the Department of Information Technology, a minor plus additional course work required to total at least 18 hours will satisfy the second discipline concentration requirement.

INFORMATION TECHNOLOGY B.S.I.T. (WebBSIT), 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
MATH 1231 - Introductory Statistics (3)	
WBIT 1100 - Introduction to Information Technology (3)	
WBIT 1310 - Programming and Problem Solving I (3)	
WBIT 2000 - The Enterprise and Information Technology (3)	
WBIT 2300 - Discrete Math for Information Technology (3)	
WBIT 2311 - Programming and Problem Solving II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Educational Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	42 Hours
WBIT 3010 - Technical Communication (3)	
WBIT 3110 - Systems Analysis and Design (3)	
WBIT 3111 - Information Technology Project Management (3)	
WBIT 3200 - Database Design, Development and Deployment (3)	
WBIT 3400 - Introduction to Digital Media (3)	
WBIT 3410 - Web Application Development (3)	
WBIT 3500 - Architecture and Operating Systems (3)	
WBIT 3510 - Data Communications and Networking (3)	
WBIT 3600 - Introduction to E-Commerce (3)	
WBIT 4020 - Professional Practices and Ethics (3)	
WBIT 4030 - Senior Project (3)	
WBIT 4112 - Systems Acquisition, Integration and Implementation (3)	
WBIT 4120 - Human Computer Interaction (3)	
WBIT 4520 - Information Assurance & Security (3)	
Major Concentration	9 Hours
WBIT 4601 - Customer Relationship Management (3)	
WBIT 4602 - IT Strategy Seminar (3)	
WBIT 4610 - IT Policy and Law (3)	
Electives	9 Hours

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PROGRAM ADMISSION CRITERIA: Before acceptance as an IT major, a student will be required to complete and have a minimum grade of "C" in MATH 1231, WBIT 1100, WBIT 1310, WBIT 2000, WBIT 2300, and WBIT 2311.

OTHER PROGRAM REQUIREMENTS: A minimum grade of "C" is required in all Major Requirements, Major Concentrations, and Free Elective courses.

MECHANICAL ENGINEERING B.S.M.E., 132 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1441 - Calculus I (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*MATH 2242 - Calculus II (4)	
*PHYS 1113 - Physics Lab I (1)	
*PHYS 2211 - Principles of Physics I (3)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CHEM 1147 - Comprehensive General Chemistry (4)	
**ENGR 1133 - Engineering Graphics (3)	
ENGR 1731 - Computing for Engineers (3)	
MATH 2243 - Calculus III (4)	
PHYS 1114 - Physics Lab II (1)	
PHYS 2212 - Principles of Physics II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirement	23 Hours
Carryover from Area A2 (1)	
Carryover from Area D (1)	
ENGR 2131 - Electronics and Circuit Analysis (3)	
ENGR 3431 - Thermodynamics (3)	
ENGR 2231 - Engineering Mechanics I (3)	
ENGR 2232 - Dynamics of Rigid Bodies (3)	
ENGR 3233 - Mechanics of Materials (3)	
ENGR 3235 - Fluid Mechanics (3)	
MATH 3230 - Differential Equations (3)	
Major Requirements	40 Hours
ENGR 2112 - Solid Modeling and Analysis (1)	
MENG 1310 - Manufacturing Processes Lab (1)	
MENG 2110 - Mechanical Engineering Case Studies in Design and Analysis (1)	
MENG 2139 - Numerical Methods in Engineering (3)	
MENG 3130 - Mechanism Design (3)	
MENG 3135 - Machine Design (3)	
MENG 3233 - Heat Transfer (3)	
MENG 3331 - Material Science Studio (3)	
MENG 3333 - Material Processing Studio (3)	
MENG 3521 - Mechatronics Studio Laboratory (2)	
MENG 4210 - Energy Science Laboratory (1)	
MENG 4430 - Engineering Quality Control and Project Management (3)	
MENG 4612 - Mechanical Engineering Senior Seminar (1)	
MENG 5136 - Introduction to Finite Element Analysis (3)	
MENG 5137 - Mechanical System Design (3)	
ME Technical Electives (6)	
Free Elective	3 Hours

ADVISEMENT: CEIT Office of Student Services, Room 1208, Allen E. Paulson College of Engineering and Information Technology, Telephone: (912) 478-4877.

OTHER PROGRAM REQUIREMENTS:

- At least 30 semester hours of approved Engineering courses must be taken at Georgia Southern.

* *The listed courses are recommended in Area D*

** *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 ENGR 1133 - Engineering Graphics, if the following three conditions are satisfied: (1) student scores 80% or above overall in the course and (2) an approval of the PLTW affiliate director faculty member at Georgia Southern.*

ME Technical Electives: MENG 5135 - Vibration and Preventative Maintenance, MENG 5138 - Composite Materials: Manufacturing, Analysis and Design, MENG 5234 - Heating, Ventilating, and Air Conditioning, MENG 5331 - Automation and

Computer Integrated Manufacturing Systems, MENG 5536 - Mechanical Controls, MENG 5090 - Selected Topics in Mechanical Engineering, MENG 5891 - Special Problems in Mechanical Engineering, EENG 5432 - Programmable Logic Controllers, TMAE 5139 - Renewable Energy, or equivalent with program coordinator's approval.

MECHANICAL ENGINEERING TECHNOLOGY

B.S.M.E.T., 134 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1113 - Pre-Calculus (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*PHYS 1113 - Physics Lab I (1)	
*PHYS 2211 - Principles of Physics I (3)	
*MATH 1441 - Calculus I (4)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CHEM 1147 - Comprehensive General Chemistry (4)	
ENGR 1133 - Engineering Graphics (3)	
MATH 2242 - Calculus II (4)	
PHYS 1114 - Physics Lab II (1)	
PHYS 2212 - Principles of Physics II (3)	
TENS 2138 - Digital Computation (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirement	24 Hours
Excess hour from Area D (1)	
TENS 2135 - Thermodynamics (3)	
TENS 2141 - Statics (4)	
TENS 2142 - Dynamics (4)	
TENS 2143 - Strength of Materials (4)	
TENS 2144 - Fluid Mechanics (4)	
TENS 2146 - Electrical Devices and Measurements (4)	
Major Requirements	41 Hours
Excess hour from Area A2 (1)	
TMET 2128 - Solid Modeling and Analysis (2)	
TMET 2521 - Mechatronics (2)	
TMET 3130 - Mechanism Design (3)	
TMET 3135 - Machine Design (3)	
TMET 3136 - Machine Component Design (3)	
TMET 3232 - Thermodynamics II (3)	
TMET 3233 - Heat Transfer (3)	
TMET 3341 - Materials Science (4)	
TMET 3343 - Materials Processing (4)	
TMET 3711 - Mechanical Engineering Technology Seminar I (1)	
TMET 3712 - Mechanical Engineering Technology Seminar II (1)	
TMET 4225 - Thermal Science Lab (2)	
MET Electives (9)	
Free Elective	3 Hours

ADVISEMENT: CEIT Office of Student Services, Room 1208, Allen E. Paulson College of Engineering and Information Technology, Telephone: (912) 478-4877.

OTHER PROGRAM REQUIREMENTS:

- At least 30 semester hours of approved Engineering Technology courses must be taken at Georgia Southern.

* *The listed courses are recommended in Area D*

College credits can be given for high school pre-engineering program Project Lead The Way's (PLTW) Introduction to Engineering Design (IED) course as a possible substitution for ENGR 1133 (Engineering Graphics) at the MET program level if the following three conditions are satisfied: (1) student scores 80% or above overall in the course, (2) student scores 70% or above in the college credit part of the final exam, and (3) an approval of the PLTW affiliate director faculty member at Georgia Southern.

MECHANICAL ENGINEERING TECHNOLOGY SUGGESTED CHRONOLOGY

FIRST YEAR

Fall - 18 Hours

ENGL 1101 - Composition I (3) (Area A1)
ENGR 1133 - Engineering Graphics (3) (Area F)
Environmental Science with Lab (4) (Area D - Section II)
FYE 1220 - First Year Seminar (2) (Additional Core Requirements)
HLTH 1520 - Healthful Living (2) (Additional Core Requirements)
MATH 1113 - Pre-Calculus (4) (Area A2)

Spring - 18 Hours

CHEM 1147 - Comprehensive General Chemistry (4) (Area F)
ENGL 1102 - Composition II (3) (Area A1)
MATH 1441 - Calculus I (4) (Area D)
PHYS 2211 - Principles of Physics I (3) (Area D)
PHYS 1113 - Physics Lab I (1) (Area D)
TENS 2138 - Digital Computation (3) (Area F)

SECOND YEAR

Fall - 16 Hours

MATH 2242 - Calculus II (4) (Area F)
PHYS 1114 - Physics Lab II (1) (Area F)
PHYS 2212 - Principles of Physics II (3) (Area F)
TENS 2141 - Statics (4)
TENS 2146 - Electrical Devices and Measurement (4)

Spring - 16 Hours

KINS - Physical Activity (1) (Additional Core Requirements)
Humanities, Fine Arts, and Ethics Elective (3) (Area C)
TENS 2142 - Dynamics (4)
TENS 2143 - Strength of Materials (4)
TMET 2128 - Solid Modeling and Analysis (2)
TMET 2521 - Introduction to Mechatronics (2)

THIRD YEAR

Fall - 17 Hours

TENS 2135 - Thermodynamics (3)
TENS 2144 - Fluid Mechanics (4)
TMET 3130 - Mechanism Design (3)
TMET 3135 - Machine Design (3)
TMET 3341 - Materials Science (4)

Spring - 17 Hours

HIST 1112 - World History II (3) (Area B)
TMET 3136 - Machine Component Design (3)
TMET 3232 - Thermodynamics II (3)
TMET 3233 - Heat Transfer (3)
TMET 3343 - Materials Processing (4)
TMET 3711 - Mechanical Engineering Technology Seminar I (1)

FOURTH YEAR

Fall - 18 Hours

ECON 2105 - Economics in a Global Society (3) (Area E)
Free Elective (3) (Non-MET) (SACS Requirement)
HIST 2110 - United States: A Comprehensive Survey (3) (Area E)
MET Elective (3)
Social Sciences Elective (3) (Area E)
TMET 3712 - Mechanical Engineering Technology Seminar II (1)
TMET 4225 - Thermal Science Lab (2)

Spring - 14 Hours

Humanities, Fine Arts, and Ethics Elective (3) (Area C)
FYE 1410 - Global Citizens (1) (Area B)
KINS - Physical Activity (1) (Additional Core Requirements)
MET Elective (6)
POLS 1101 - American Government (3) (Area E)

MET Electives: Automation and CIMS, HVAC, Intro to Finite Element Analysis, Mechanical Controls, Special Topics in Mechanical Engineering Technology, Mechanical System Design, Programmable Logic Controllers, Renewable Energy, Vibration and Preventative Maintenance, or equivalent with program coordinator's approval.

ENGINEERING STUDIES PROGRAMS (NON-DEGREE), HOURS VARY

COURSE REQUIREMENTS FOR ALL ENGINEERING MAJOR FIELDS:

Area A1 - Communication Skills	6 Hours
ENGL 1101 - Composition I (3)	
ENGL 1102 - Composition II (3)	
Area A2 - Quantitative Skills	3 Hours
MATH 1441 - Calculus I Required (4)	
Area B - Global Engagement	4 Hours
(To Be Satisfied at Georgia Tech)	
Area C - Humanities, Fine Arts, and Ethics	6 Hours
(To Be Satisfied at Georgia Tech)	
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
PHYS 2211 - Principles of Physics I (3) and PHYS 1113 - Physics Lab I (1)	
PHYS 2212 - Principles of Physics II (3) and PHYS 1114 - Physics Lab II (1)	
MATH 2242 - Calculus II (4)	
Area E - Social Sciences	12 Hours
ECON 2105 - Economics in a Global Society (3)	

Choose one:

HIST 2110 - The United States: a Comprehensive Survey (3) **OR** POLS 1101 - American Government (3)
(The remaining 3 hours of Area E will be satisfied at Georgia Tech)

Area F - Courses Appropriate to Major	17 Hours
ENGR 1731 - Computing for Engineers (3)	
MATH 2243 - Calculus III (4)	
CHEM 1147 - Comprehensive General Chemistry (4)	
One Hour from the Mathematics Requirement of Area A2 (1)	
One Hour from the Mathematics Requirement of Area D (1)	

COURSES REQUIRED FOR SPECIFIC FIELDS OF ENGINEERING:

Key: A = Aerospace, Ag = Agricultural, B = Biological, BmE = Biomedical, C = Civil, Ch = Chemical, Cp = Computer, E = Electrical, Env = Environmental, I = Industrial, M = Mechanical, Mt = Materials, N = Nuclear, P = Polymer (Textile).

- BIOL 1130 - General Biology (BmE,Ch,C,Env) (3)
- BIOL 1110 - General Biology Lab (BmE,Ch,C,Env) (1)
- BIOL 2107 - Principles of Biology I (Ag,B) (3)
- BIOL 2107L - Principles of Biology I Laboratory (Ag,B) (1)
- BIOL 2108 - Principles of Biology II (B) (3)
- BIOL 2108L - Principles of Biology II Laboratory (B) (1)
- CHEM 3341 - Organic Chemistry I (B,Ch,Mt) (4)
- CHEM 3342 - Organic Chemistry II (Ch) (4)
- ENGR 1133 - Engineering Graphics (A,Ag,B,C,M) (3)
- ENGR 1732 - Program Design for Engineers (Cp,E) (3)
- ENGR 2231 - Engineering Mechanics I (A,Ag,B,BmE,C,Env,M,Mt,N,P)
- ENGR 2232 - Dynamics of Rigid Bodies (A,Ag,C,Env,M) (3)
- ENGR 2323 - Digital Design Lab (Cp,E) (2)
- ENGR 2332 - Introduction to Computer Engineering (Cp,E) (3)
- ENGR 2334 - Circuit Analysis (Cp,E) (3)
- ENGR 2341 - Introduction to Signal Processing (BmE,Cp,E) (4)
- ENGR 2431 - Creative Decisions and Design (M) (3)
- ENGR 3233 - Mechanics of Materials (A,C,Env,M,P) (3)
- ENGR 3431 - Thermodynamics (Ag,B,I,M,N,P) (3)
- MATH 3230 - Ordinary Differential Equations (A,Ag,B,BmE,C,Ch,Cp,E,Env,M,Mt,N,P) (3)
- MATH 2331 - Elementary Linear Algebra (A,Ag,B,BmE,C,Ch,Cp,E,Env,I,Mt,M,N,P) (3)
- MATH 2430 - Computing Techniques (M) (3)
- MATH 3337 - Probability (I) (3)
- STAT 5531 - Statistical Methods I (3)

ADVICE: CEIT Office of Student Services, Room 1208, Allen E. Paulson College of Engineering and Information Technology, Telephone: (912) 478-4877. Students should obtain a copy of the course chronology for their specific field of engineering.

ENGINEERING STUDIES PROGRAMS

REGENTS ENGINEERING TRANSFER PROGRAM (RETP) - The RETP allows prospective engineering students to take the first two years of the engineering curriculum at Georgia Southern and, upon successful completion of the first two years, transfer to Georgia Tech Atlanta campus 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 RETP students and then transfer to the school of their choice.

ADMISSION AND COMPLETION REQUIREMENTS FOR RETP

Beginning freshmen

Students who apply to Georgia Southern University for either program as beginning freshmen must meet the following requirements. The prospective student must:

1. Have a high school grade point average (GPA) of at least 3.00 (B average);
2. Have a combined SAT score of at least 1090 (not counting the essay portion), with individual minima of 560 on the math portion and 440 on the verbal portion; or have been admitted to an engineering program at Georgia Tech (such students should supply the GSU Director of Engineering Programs with a copy of the acceptance letter from Georgia Tech);
3. Have satisfied the College Preparatory Curriculum (CPC) course work before enrolling at Georgia Southern;
4. For international students, have a TOEFL score of 600 (on the paper version) or a score of 250 (on the computer version).

High school graduates who do not meet the above requirements will be classified as Pre-Engineering majors. The Pre-Engineering program is designed for students who do not meet the initial entrance requirements for the RETP. A Pre-Engineering major will be permitted to take classes in mathematics, science, liberal arts, and engineering that are required for student's intended major within RETP. Upon successful completion of the RETP transfer admission requirements, the student will follow the change of major process to be admitted into the RETP program.

Current Georgia Southern students and transfer students from another institution

Current Georgia Southern students are defined as those who are currently enrolled at Georgia Southern in another academic major (including the Pre-Engineering Program). 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. Such a student cannot be considered for freshman admission. To be accepted into the RETP, current Georgia Southern students and transfer students must:

1. Complete a minimum of 30 semester hours of college course work with a cumulative grade point average (GPA) of 3.00;
2. Complete MATH 1441 (Calculus I) and MATH 2242 (Calculus II) with grades of at least "B" (3.00 GPA);
3. Complete CHEM 1147 (Comprehensive General Chemistry) or CHEM 1145 (Principles of Chemistry I) and PHYS 2211/1113 (Principles of Physics I/lab) with grades of at least "B" (3.00 GPA).

Change of major and transfer students who have not met the above requirements will be classified as Pre-Engineering Program majors. Pre-Engineering students have up to four semesters (excluding summers, if students elect to take classes during the summer term) to satisfy the exit requirements. If at any point it appears that a Pre-Engineering student is not likely to meet the exit requirements, they will be assisted with the selection of a different major.

Transfer admission to Georgia Tech with junior status

Georgia Southern students who wish to apply to Georgia Tech as a RETP student must first satisfy the following requirements:

1. **Complete a minimum of 60 semester hours**, including all course work as specified in the RETP curriculum for the student's particular major field of engineering with a Regents cumulative grade point average of 3.00* on a 4.00 scale for Georgia residents and 3.00 for nonresidents/international students.
2. **Complete the mathematics sequence** (18 semester hours), beginning with Calculus I, with a cumulative GPA of 3.00* for Georgia residents and 3.00 for nonresidents/international students.
3. **Complete all science courses for the particular major**, including the calculus-based physics sequence (8 semester hours) and CHEM 1147 (4 semester hours) with a cumulative GPA of 3.00* for Georgia residents and 3.00 for nonresidents/international students.
4. **Complete English composition I and II** and all other remaining course work for their major with a minimum grade of "C."

**GPA requirements are established by Georgia Tech and are subject to change.*

Application Process to Georgia Tech with junior status

When a student is within one semester of completing the above requirements, the following application process should be followed.

1. **Attend** a Georgia Tech Transfer Information Session Presentation offered by the RETP Coordinator at Georgia Southern.
2. **Obtain** a Georgia Tech Transfer Application for Admission packet from the RETP Coordinator at Georgia Southern.
3. **Submit** the completed Georgia Tech application for admission packet to the RETP Coordinator at Georgia Southern. Do not send this application to Georgia Tech!
4. **Request** that the Registrar's Office of any institution(s) attended including Georgia Southern submit directly to the Georgia Tech Admissions Office an official transcript of all course work taken at that/those institution(s).
5. **Request** the Georgia Southern Registrar's Office to submit a final official transcript directly to Georgia Tech after the completion of all course work at Georgia Southern.

College of Health and Human Sciences

Dean: A. Barry Joyner
Room 2127 Hollis Building
Post Office Box 8073
(912) 478-5322

Associate Dean: Vacant
Academic Administration
Room 2129 Hollis Building
Post Office Box 8073
(912) 478-5322

Associate Dean: Stephen Rossi
Institutional Effectiveness and Curriculum
Room 2123 Hollis Building
Post Office Box 8073
(912) 478-5322

Assistant to the Dean: Jennifer Anderson
Marketing, Outreach, and Resource Management
Room 2123 Hollis Building
Post office Box 8073
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VISION

The College of Health and Human Sciences will foster a collaborative and interdisciplinary learning community that actively engages an understanding of human environmental needs and inspires transformational thinking and action that impacts the health and quality of life for individuals, families, and communities.

MISSION

The College of Health and Human Sciences provides comprehensive and innovative programs that promote health and quality of life for individuals, families, and communities within a global society. The hallmark of the college is its unique blend of disciplines which foster engaged teaching and learning opportunities, creative and contemporary scholarship and socially responsive service activities. Faculty and students are empowered to transform the human environment, promote health and quality of life, advance their discipline, and be responsible citizens. CHHS is distinguished by student preparation that extends learning beyond the classroom through service learning, practica, internships, and clinical experiences.

CHHS is distinguished by:

Excellence in teaching

- Nationally accredited and recognized programs of instruction/curricula
- Student preparation that extends beyond the classroom through service learning, practica, internships, and clinical experiences
- Outstanding and caring faculty who are committed to preparing and mentoring future professionals
- A commitment to creative and innovative scholarship
- Involvement in service opportunities that benefit the community
- A technologically-rich environment
- A culture that embraces positive, professional, and collaborative interactions

- A collaborative decision making environment that embraces shared governance

CHHS expects students to develop into professionals who are:

- Aesthetically responsive
- Creative problem solvers
- Strong analytical thinkers
- Effective leaders
- Global visionaries
- Skilled communicators
- Technological integrators
- Value-based decision makers
- Ethical citizens

CHHS Values and Guiding Principles

As A College We Value:

- Achievement
- Collegiality
- Community Outreach
- Concern for Others
- Diversity
- Health and Activity
- Humility
- Interdependence
- Responsibility

CHHS Guiding Principles for Decision Making:

- Accountability
- Centrality
- Civility
- Comparative Advantage
- Involvement/Collaboration
- Quality
- Veracity
- Viability

CHHS Guiding Principles for Actions:

- Collaboration
- Grace
- Honesty
- Integrity
- Optimism
- Passion
- Pro-Activity
- Professionalism
- Respect
- Wisdom

STRUCTURE

Department of Health & Kinesiology

Jim McMillan, Chair

Professors: W. Burden, D. Czech, A. Barry Joyner, L. Li, S.

McCollum, D. Zwald

Associate Professors: T. Buckley, J. McMillan, B. Melton, B.

Munkasy, T. Pritchard, A. Riggs, J. Romanchik-Cerpovicz, S.

Rossi, P. Shankar, D. Sturges, S. Todd, M. Williamson

Assistant Professors: C. Barnhill, G. Burdette, G. Colquitt, J.

Dobson, B. Harris, K. Kendall, J. Langdon, S. Christie

Instructors: R. Black, E. Jordan, R. Larson, S. Patterson

Adjunct Faculty: E. Ellis

Senior Lecturer: K. Pruitt

School of Human Ecology

Cynthia E. Johnson, Chair
 Professors: D. Cone, H. Eisenhart
 Associate Professors: I. Ahn, J. Bigley, A. Boyett, J. Dilworth, A. Hall, J. Kropp, T. Maurer, J. Peden, M. Rouse-Arnett, B. Wolfe
 Assistant Professors: S. Dazkir, D. DeVose, K. Gregg, S. Lee, B. Meyers, D. Phillips, A. Scarborough, H. Wallace, P. Walton
 Director of Child Development Center: Candace Iavarone

School of Nursing

Sharon Radzyminski, Chair
 Professors: K. Anderson, J. Bartels, E. Marshall
 Associate Professors: D. Allen, M. Garno, M. Tabi, K. Thornton, D. Wood
 Assistant Professors: C. Dubert, R. Gee, E. Hamilton, U. Pritham, L. Upchurch
 Instructors: T. Cheney, C. Edds, M. Graf, D. Moore, D. Shilling, J. Smith
 Clinical Coordinator: K. Olsson

CHHS Student Services Center

J. Syno, Coordinator
 B. Bulmer, Academic Advisor
 R. Baker, Academic Advisor
 V. Jones, Academic Advisor
 B. Richardson, Academic Advisor
 P. Smith, Academic Advisor

Magnolia Coastlands AHEC - in Partnership with the College of Health and Human Sciences and Housed in the Center for Health Outreach

M. Pung, Director
 B. Kundu, Preceptor Coordinator
 R. Kirkland, Health Careers Recruiter
 L. Hunt, Health Careers Recruiter
 S. Denlinger, Outreach Librarian
 M. Cummings, Data Coordinator
 C. Harper, Student Support Coordinator
 A. Cantron, Staff Assistant

PROGRAMS - UNDERGRADUATE

The following undergraduate degree programs and emphasis areas are offered by the academic units within the College:

School of Human Ecology

Bachelor of Science
 Major in Child and Family Development (NAEYC Accredited)
 Emphasis Areas: Child Development, Child Life, and Family Services
 Major in Fashion Merchandising and Apparel Design
 Emphasis Areas: Design and Retailing
 Major in Interior Design (CIDA and NASAD Accredited)
 Major in Recreation (NRPA Accredited)
 Emphasis Areas: Tourism and Community Leisure Services, Therapeutic Recreation, and Outdoor Recreation

Department of Health & Kinesiology

Bachelor of Science in Athletic Training (CAATE Accredited)
 Major in Exercise Science
 Bachelor of Science, Major in Nutrition and Food Science
 Emphasis Areas: Dietetics, Community Nutrition, and Food Science/Food Systems Administration

The Dietetics emphasis of the Nutrition and Food Science program is a Didactic Program in Dietetics (DPD) initially accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND), Academy of Nutrition and Dietetics (AN&D), 120 S. Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 1-800-877-1600, <http://www.eatright.org>.

The Bachelor of Science in Education with a major in Health and Physical Education (NCATE Accredited) is also supported by the department. For students seeking a coaching certification, a Coaching Behavior option under the minor in Exercise Science is also offered.

Bachelor of Science, Major in Sport Management (NASPE/NASSM Accredited)

School of Nursing (CCNE Accredited and GBON Approved)

The School of Nursing offers fully accredited programs leading to the B.S.N., M.S.N. and D.N.P. Undergraduate options include Pre-Licensure B.S.N., L.P.N. - B.S.N., R.N. - B.S.N. (online program) and R.N. - M.S.N. Graduate options within the M.S.N. program include a Nurse Practitioner major with Family Nurse Practitioner and a Clinical Nurse Specialist major with Community Health Clinical Nurse Specialist. Post-M.S.N. certificate options in the aforementioned areas are also available. The Doctor of Nursing Practice (D.N.P.) is available online.

PROGRAMS - GRADUATE

The following graduate degree programs are offered by the academic units within the College:

Department of Health & Kinesiology

Master of Science
 Major in Sport Management (Online Program)
 Master of Science
 Major in Kinesiology
 Emphasis Areas:
 Athletic Training
 Exercise Science
 Physical Education - (Partially Online Program)
 Physical Education - (Online program)
 Sports Nutrition
 Sport Psychology
 Coaching (Online Program)

School of Nursing

Master of Science in Nursing
 Major in Nurse Practitioner (NP)
 Concentration: Family Nurse Practitioner (FNP)
 Major in Clinical Nurse Specialist (CNS)
 Concentration: Community Health Clinical Nurse Specialist (CHCNS)
 Post MSN Certificate in all MSN majors/concentrations
 RN-MSN Program in all majors
 Doctor of Nursing Practice (DNP) (online program)

ADVISEMENT

Undergraduate and Graduate

Undergraduate students in the College of Health and Human Sciences are advised in the Student Services Center which is located in Room 0101 in the Hollis Building. Post-Baccalaureate students should contact the Student Services Center at (912) 478-1931. Graduate students are advised by their academic department/school.

EXPERIENTIAL LEARNING OPPORTUNITIES

Experiential Learning underpins most of the professional programs in the College of Health and Human Sciences. Nursing and Athletic Training majors spend significant time in clinical sites. Internships provide another opportunity for students to work under the supervision of a practitioner in the field. Whether a Recreation major assigned to a resort, or an Exercise Science major shadowing a physical therapist, interning students learn valuable lessons from experts in their disciplines.

Laboratories also provide CHHS students with experiential learning opportunities. Specially equipped labs in Biomechanics, Applied and Clinical Exercise Physiology and Biochemistry, Nutrition and Dietetics, Sport Psychology, Athletic Training Education and Coaching give students hands-on experience with the technology and equipment they will typically encounter in the work environment.

The School of Human Ecology provides experiential learning opportunities which include Interior Design Studio experiences, Fashion Study Tours to the New York market and garment district, Historic Preservation Tours to Charleston and other sites, and opportunities to observe and work at the Child Development Center where students interact with infants, toddlers, and preschoolers and experience first-hand the theory discussed in class or seminar sessions.

All CHHS academic units offer classes that use computer laboratories located in the Hollis Building, the Nursing and Chemistry Building, the Interior Design Complex, and the Hospitality, Tourism, and Family & Consumer Sciences Building. The labs are equipped with the latest computer hardware and peripherals. Sophisticated software that supports programs in each of the discipline areas is available for instruction and general student use.

SECONDARY EDUCATION DEGREE

For those interested in Secondary Education (grades 6-12) certification in FAMILY & CONSUMER SCIENCES after completing a bachelor's degree in child and family development, fashion merchandising and apparel design, nutrition and food science, interior design, home economics, or housing and consumer economics:

Students who plan to seek teacher certification after completion of the bachelor's degrees listed above 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.

CHFD 2130 - Family Economic Environment (3)

CHFD 2134 - Family Development (3)

CHFD 2135 - Child Development (3)

FMAD 1234 - Apparel I (3)

FMAD 3234 - Textiles (3)

INDS 2430 - Design Appreciation (3)

NTFS 2530 - Nutrition and Health (3)

NTFS 2534 - Introductory Food Science (3)

NTFS 3536 - Meal Management (3)

Guided Electives from CHFD, FACS, FMAD, HLTH, INDS, NTFS (9)

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:

- ITEC 3430 - Instructional Technology for P-12 Education (3)
- SPED 3333 - Introduction to Special Education (3)

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 semester hour PPB block of courses with the required 50 hour field experience; **OR**
- BA/BS/BBA majors can take EDUC 2130 - Exploring Learning and Teaching concurrently with EDUC 2090 - PPB Practicum (50 contact hours in a school) – total of 3 credit hours. After taking EDUC 2130, those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
 - EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
 - EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)

NOTE: GACE Basic Skills 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 Health and Human Sciences Programs

ATHLETIC TRAINING

B.S.K., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
KINS 2511 - Human Anatomy and Physiology I Lab (1)	
KINS 2512 - Human Anatomy and Physiology II Lab (1)	
KINS 2531 - Human Anatomy and Physiology I (3)	
KINS 2532 - Human Anatomy and Physiology II (3)	
*MATH 1112 - Trigonometry (0-3)	
NTFS 2530 - Nutrition and Health (3)	
**PHYS 1111 - Introduction to Physics I (0-3)	
PHYS 1113 - Physics Lab I (0-1)	
Guided Electives (0-8)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	45 Hours
KINS 3130 - Research Methods in Kinesiology (3)	
KINS 3132 - Foundations of Exercise and Sport Psychology (3)	
KINS 3330 - Prevention of Injury and Illness in Athletic Training (3)	
KINS 3331 - Pathology and Care of Athletic Injury and Illness (3)	
KINS 3541 - Structural Kinesiology (4)	
KINS 3542 - Physiological Aspects of Exercise (4)	
KINS 3543 - Biomechanical Analysis of Movement (4)	
KINS 4130 - Administrative Principles in Kinesiology (3)	
KINS 4330 - Evaluation of Lower Extremity Injuries (3)	
KINS 4331 - Evaluation of Upper Extremity Injuries (3)	
KINS 4332 - Therapeutic Modalities in Athletic Training (3)	
KINS 4333 - Therapeutic Exercise and Rehabilitation (3)	
KINS 4334 - General Medical and Pharmacological Issues in Athletic Training (3)	
KINS 4618 - Senior Seminar in Athletic Training (1)	
Guided Major Electives (2)	
Major Clinical Requirements	12 Hours
KINS 2321 - Clinical Skills in Athletic Training I (2)	
KINS 2322 - Clinical Skills in Athletic Training II (2)	
KINS 3321 - Clinical Applications in Athletic Training I (2)	
KINS 3322 - Clinical Applications in Athletic Training II (2)	
KINS 4721 - Clinical Practicum in Athletic Training I (2)	
KINS 4722 - Clinical Practicum in Athletic Training II (2)	
Elective	3 Hours
ADVISEMENT: Contact the College of Health and Human Sciences Student Services Center, Room 0107, Hollis Building, (912) 478-1931.	

**If taken in Area A2 or D, then use Fundamentals to complete Area F, Guided Electives.*

***If PHYS 1111/1113 - Introduction to Physics I taken in Area D, then CHEM 1145 or CHEM 1146 required in Area F, Guided Electives.*

Note: Athletic Training Majors must complete Fundamentals to include MATH 1112, CHEM 1145, CHEM 1146, PHYS 1111/1113. 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 MATH 1441 and PHYS 2211/2212 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 semester hours, and enrolled in at least 12 semester hours during the time of application. Total hours must reflect at least 4 hours completed from Area D and/or F.
4. Completed KINS 2531/2511 and KINS 2532/2512 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 hours in an approved athletic training environment. These hours must be documented and signed by a certified athletic trainer. These 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.

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:

- KINS 2321 - Clinical Skills in Athletic Training I (2)
- KINS 2322 - Clinical Skills in Athletic Training II (2)
- KINS 3541 - Structural Kinesiology (4)
- KINS 3321 - Clinical Applications in Athletic Training I (2)
- KINS 3322 - Clinical Application in Athletic Training II (2)
- KINS 3330 - Prevention of Injury and Illness in Athletic Training (3)
- KINS 3331 - Pathology and Care of Athletic Injury and Illness (3)
- KINS 4330 - Evaluation of Lower Extremity Injuries (3)
- KINS 4331 - Evaluation of Upper Extremity Injuries (3)
- KINS 4332 - Therapeutic Modalities in Athletic Training (3)
- KINS 4333 - Therapeutic Exercise and Rehabilitation (3)

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 & Kinesiology, College of Health and Human Sciences, 2115 Hollis Building, (912) 478-0200.

CHILD AND FAMILY DEVELOPMENT B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CHFD 2130 - Family Economic Environment (3)	
CHFD 2134 - Family Development (3)	
CHFD 2135 - Child Development (3)	
CHFD 2137 - Lifespan Development (3)	
CISM 1110 - Computer Applications (1) and CISM 1120 - Computer Concepts (2) OR COMM 1110 - Principles of Public Speaking (3)	
PSYC 1101 - Introduction to Psychology (3) OR SOCI 1101 - Introduction to Sociology (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Child and Family Development Core	30 Hours
CHFD 3131 - Birth to 5 Methods (3)	
CHFD 3135 - Middle Child and Adolescence (3)	
CHFD 3136 - Families in Later Life (3)	
CHFD 3138 - Early and Middle Adulthood Development (3)	
CHFD 3139 - Parenting: Family Child Interaction (3)	
CHFD 4790 - Internship in Child and Family Development (12)	
FACS 3131 - Diversity in Human Development (3)	
Areas of Emphasis (select <u>ONE</u> area)	21 Hours
Child Development Emphasis:	
CHFD 4130 - Administration of Programs for Children and Families (3)	
CHFD 4131 - Teaching Preschool (3)	
CHFD 4136 - Assessment of Children and Families (3)	
FACS 4132 - Sexuality and Human Development (3)	
SOCI 4231 - Child Welfare (3)	
Select <u>6 hours</u> from the following Guided Electives:	
HLTH 2120 - Safety Principles and First Aid Techniques (2)	
READ 2230 - Cognition and Language (3)	
RECR 2530 - Leadership and Programming in Leisure Services (3)	
RECR 4830 - Selected Topics in Recreation (0-3)	
Child Life Emphasis:	
CHFD 3137 - Children in Hospitals (3)	
CHFD 4131 - Teaching Preschool (3)	
CHFD 4136 - Assessment of Children and Families (3)	
FACS 4238 - Child Life Practicum (3)	
SOCI 5332 - Death and Dying (3)	
Select <u>6 hours</u> from the following Guided Electives:	
FACS 4131 - Introduction to Marriage and Family Therapy (3)	
HLTH 2510 - Medical Terminology (1)	
HLTH 3131 - Chronic Diseases: A Modern Epidemic (3)	
RECR 2131 - Introduction to Therapeutic Recreation (3)	
RECR 4135 - Therapeutic Recreation Intervention Techniques (3)	
RECR 4830 - Selected Topics in Recreation (0-3)	
Family Services Emphasis:	
CHFD 4130 - Administration of Programs for Children and Families (3)	
CHFD 4134 - Family Life Education (3)	
FACS 4131 - Introduction to Marriage and Family Therapy (3)	
FACS 4132 - Sexuality and Human Development (3)	
SOCI 4231 - Child Welfare (3)	
Select <u>6 hours</u> from the following Guided Electives:	
PSYC 3330 - Abnormal Psychology (3)	
SOCI 2232 - Introduction to Social Services (3)	
SOCI 4232 - Social Welfare Policy and Services (3)	
SOCI 5138 - Sociology of the Family (3)	
SOCI 5332 - Death and Dying (3)	

Non-Major Requirements **3 Hours**
 FACS 4138 - Professional Development (3)

Foreign Language Requirement or “Significant International Content” course **3 Hours**

Elective..... **3 Hours**

ADVISEMENT: Contact the College of Health and Human Sciences Student Services Center, Room 0107, Hollis Building, (912) 478-1931, for information regarding admission and advisement.

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 semester hours
- A minimum grade of “C” in all Area F course work attempted

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 emphasis 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 2.25 total institution GPA to apply for the Child and Family Development Internship (CHFD 4790). Students who do not meet the 2.25 GPA requirements may complete twelve (12) hours approved course work as substitute for the internship with the approval of the area coordinator.

EXERCISE SCIENCE B.S.K., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
KINS 2511 - Human Anatomy and Physiology I Lab (1)	
KINS 2512 - Human Anatomy and Physiology II Lab (1)	
KINS 2531 - Human Anatomy and Physiology I (3)	
KINS 2532 - Human Anatomy and Physiology II (3)	
NTFS 2530 - Nutrition and Health (3)	
*MATH 1112 - Trigonometry (0-3)	
**PHYS 1111 - Introduction to Physics I (0-3)	
PHYS 1113 - Physics Lab I (0-1)	
Guided Electives (0-8)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	57 Hours
HLTH 2120 - Safety Principles and First Aid Techniques (2)	
KINS 3130 - Research Methods in Kinesiology (3)	
KINS 3132 - Foundations of Exercise and Sport Psychology (3)	
KINS 3230 - Motor Control, Coordination, and Skill (3)	
KINS 3541 - Structural Kinesiology (4)	
KINS 3542 - Physiological Aspects of Exercise (4)	
KINS 3543 - Biomechanical Analysis of Movement (4)	
KINS 4130 - Administrative Principles in Kinesiology (3)	
KINS 4231 - Fitness Evaluation and Exercise Prescription (3)	
KINS 4619 - Senior Seminar in Exercise Science (1)	
***KINS 4799 - Internship in Exercise Science (12)	
Select <u>15 hours</u> from the following Guided Electives:	
HLTH 2130 - Foundations of Health Education (3)	
HLTH 3230 - Community Health (3)	
HLTH 3231 - Epidemiology and Biostatistics (3)	
KINS 3426 - Coaching Baseball and Softball (2)	
KINS 3427 - Coaching Basketball (2)	
KINS 3428 - Coaching Football (2)	
KINS 3429 - Coaching Olympic Sports (2)	
KINS 3330 - Prevention of Injury & Illness in Athletic Training (3)	
KINS 3331 - Pathology and Care of Athletic Injury and Illness (3)	
KINS 3430 - Principles of Coaching (3)	
KINS 3431 - Psychology of Coaching (3)	
KINS 4330 - Evaluation of Lower Extremity Injuries (3)	
KINS 4331 - Evaluation of Upper Extremity Injuries (3)	
KINS 4332 - Therapeutic Modalities in Athletic Training (3)	
KINS 4333 - Therapeutic Exercise and Rehabilitation (3)	
KINS 4420 - Sport Conditioning Laboratory (2)	
KINS 4421 - Principles of Officiating (2)	
KINS 4730 - Coaching Practicum (3)	
NTFS 2534 - Introductory Food Science (3)	
NTFS 2535 - Nutrition and Diet Therapy (3)	
NTFS 3534 - Human Nutrition (3)	
NTFS 3535 - Life Cycle Nutrition (3)	
NTFS 3630 - Sports Nutrition (3)	
NTFS 4535 - Community Nutrition (3)	
NTFS 4539 - Issues and Trends in Food Science (3)	
NTFS 4899 - Directed Individual Study (1-6)	
PSYC 3334 - Social Psychology (3)	
PSYC 3335 - Personality Psychology (3)	
PSYC 4430 - Cognitive Psychology (3)	

- PSYC 4431 - Motivation and Emotion (3)
- PSYC 5230 - Health Psychology (3)
- PSYC 5430 - Physiological Psychology (3)
- SMGT 2130 - Introduction to Sport Management (3)
- SMGT 2230 - Social Issues of Sport
- SMGT 3230 - Economics of Sport
- SMGT 4330 - Facility and Event Management (3)
- SMGT 4336 - Sport Business Operations (3)
- SMGT 4337 - Legal Aspects of Sport (3)

Elective..... 3 Hours

ADVISEMENT: Contact the College of Health and Human Sciences Student Services Center, Room 0107, Hollis Building, (912) 478-1931, for information regarding advisement and registration.

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 semester hours
- A minimum grade of “C” in all Area D and F course work attempted

PROGRAM PROGRESSION REQUIREMENTS:

- 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 taken in Area A2 or D, use Fundamentals to complete Area F, Guided Electives.*

***If PHYS 1111/1113 - Introduction to Physics I taken in Area D, then CHEM 1145 or CHEM 1146 required in Area F, Guided Electives.*

****Students can substitute courses for the internship with approval of the Undergraduate Exercise Science Program Coordinator.*

Note: Exercise Science Majors must complete Fundamentals to include MATH 1112, CHEM 1145, CHEM 1146, and PHYS 1111/1113/w Lab. Students not able to complete Fundamentals in Areas A2, D, and F will take these courses as part of their Guided Major Electives. Students may elect to substitute MATH 1441 and PHYS 2211 for Fundamentals with advisor approval.

FASHION MERCHANDISING AND APPAREL DESIGN

B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2030 - Survey of Accounting (3)	
*CISM 1110 - Computer Applications (1)	
*CISM 1120 - Computer Concepts (2)	
FMAD 1234 - Apparel I (3)	
FMAD 2220 - Understanding Aesthetics (2)	
FMAD 2230 - Social Psychological Aspects of Clothing (3)	
FMAD 2610 - Professional Seminar (1)	
TCGT 1530 - Global Sustainability and Innovation (3) OR significant international content course (see catalog) may be taken if TCGT 1530 was taken in other areas of the core. (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	27 Hours
FMAD 3231 - Fashion Fundamentals (3)	
FMAD 3234 - Textiles (3)	
FMAD 3235 - History of Costume (3)	
FMAD 3237 - Apparel Analysis (3)	
FMAD 4235 - Computer-Aided Design (3)	
FMAD 4790 - Internship (12)	
FMAD Major Electives (Select one)	3 Hours
FMAD 3232 - Principals of Merchandising (3)	
FMAD 3236 - Apparel II (3)	
FMAD 3238 - Fashion Illustration (3)	
FMAD 3239 - Global Apparel and Textiles Production and Trade (3)	
FMAD 4236 - Fashion Study Tour (3)	
FMAD Restricted Emphasis (Select one area)	12 Hours
<i>Design Emphasis:</i>	
FMAD 3236 - Apparel II (3)	
FMAD 3238 - Fashion Illustration (3)	
FMAD 4231 - Design Analysis I (3)	
FMAD 4232 - Design Analysis II (3)	
<i>Merchandising Emphasis:</i>	
FMAD 3232 - Principles of Merchandising (3)	
FMAD 3233 - Visual Merchandising (3)	
FMAD 3239 - Global Apparel and Textiles Production and Trade (3)	
FMAD 4234 - Fashion Presentation and Promotion (3)	
Non-Major Requirements	12 Hours
Students will select 12 hours of upper level courses from approved elective courses, course for approved minors, or those approved by advisor.	
Foreign Language Requirement or “Significant International Content” course	3 Hours
Elective	3 Hours
ADVISEMENT: Contact the College of Health and Human Sciences Student Services Center, Room 0107, Hollis Building, (912) 478-1931, for information regarding admission and advisement.	

**Public Speaking or Foreign Language required if taken in Area D*

HEALTH AND PHYSICAL EDUCATION

B.S.Ed., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Pre-Professional Block

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 - Exploring Learning and Teaching (3)

Other courses for the major:

- KINS 2431 - Foundations of Health and Physical Education (3)
- KINS 2531 - Human Anatomy and Physiology I (3)
- KINS 2532 - Human Anatomy and Physiology II (3)

Health and Physical Education Activities

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation

- FYE 1220 - First Year Seminar (2)

Pedagogy for Professional Educators.....

- ESED 5799 - Student Teaching in P-12 Education (9)
- HLTH 3432 - Health and Physical Education Curriculum Development (3)
- ITEC 3430 - Instructional Technology for P-12 Education (3)
- KINS 4430 - Instructional Design in Health and Physical Education for Elementary (3)
- KINS 4431 - Instructional Design in Health and Physical Education for Middle and High School (3)
- KINS 4617 - Senior Seminar in Health and Physical Education (1)

Major Requirements

Health Science and Kinesiology Core:

- HLTH 3130 - Substance Use and Abuse (3)
- HLTH 3332 - Coordinated School Health Programs (3)
- HLTH 3431 - Methods and Materials for School Health Education (3)
- KINS 2511 - Human Anatomy and Physiology I Lab (1)
- KINS 2512 - Human Anatomy and Physiology II Lab (1)
- KINS 3131 - Biophysical Foundations of Human Movement (3)
- KINS 3230 - Motor Control/Coordination Skill (3)
- KINS 3435 - Life Span Motor Development (3)
- KINS 4432 - Adapted Physical Education (3)

Movement Content and Performance Core:

- KINS 3432 - Elementary Physical Education I (3)
- KINS 3433 - Elementary Physical Education II (3)
- KINS 3436 - Performance and Technique in Physical Activity I (3)
- KINS 3437 - Performance and Technique in Physical Activity II (3)

Elective.....

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

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirement

- Must be admitted into the Teacher Education Program

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 including taking the Georgia teacher certification test, GACE Content Assessment
- 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 COED 3610H 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.

INTERIOR DESIGN B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ART 1010 - Drawing I (3)	
ART 1020 - Two-Dimensional Foundation Studies (3)	
ART 1030 - Three-Dimensional Foundation Studies (3)	
ARTH 2531 - Monuments in the History of Art (3)	
INDS 2430 - Design Appreciation (3)	
TCGT 1530 - Global Sustainability & Innovation (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	52 Hours
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 - Sustainable Materials and Methods for the Interior 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 Practices I (3)	
INDS 4430 - Digital Presentation and Communication (3)	
INDS 4434 - Professional Practices II (3)	
INDS 4435 - Design Studio IV (3)	
INDS 4437 - Interior Design Portfolio (3)	
INDS 4446 - Design Studio V (4)	
INDS 4790 - Interior Design Internship (3)	
Other Requirements	2 Hours
TCM 3320 - Building Codes (2)	
Elective	3 Hours
Foreign Language Requirement or "Significant International Content" Course	3 Hours

PROGRAM ADMISSION REQUIREMENTS IN INTERIOR DESIGN

MINIMUM PROGRAM ADMISSION CRITERIA:

In order to be considered for admission into the Interior Design Program, the applicants must meet the following minimum requirements:

1. Attain admission to Georgia Southern University.
2. Declare Pre-Interior Design (INDS) as a major. Until students meet admission criteria and are admitted into the Interior Design Program, they will be considered "Pre-INDS" majors and will be advised in the College of Health and Human Sciences Student Services Center. Designation as a Pre-INDS major is separate from the application process and does not guarantee acceptance into the Interior Design Program.
3. If a student is a declared major in an area other than interior design, he/she must complete the change of major form online. This form will initiate the process for getting student's current advisement records and folder sent over to the CHHS advising center.
4. Have a minimum of first semester sophomore status (30 semester hours completed) upon applying for the program.
5. Achieve a minimum total overall institution GPA of 2.25 or better on all course work attempted (**transfer course work and work completed at Georgia Southern University are considered**).
6. Complete the following Area F courses with a minimum grade of "C": INDS 2430 and 2 of the 3 ART courses in Area F: ART 1010 (preferred), ART 1020 (preferred), and ART 1030. (Students may be enrolled in any of the above courses during the application semester.)
7. By the end of the first two semesters as a declared Pre-INDS major, students shall have:
 - a. Turned in and completed the Information Form: http://chhs.georgiasouthern.edu/she/includes/INDS/id_premajorinfoform.pdf
 - b. Turned in copies of college transcripts for all work completed to date
 - c. Attended an orientation session with Interior Design Faculty (either Fall or Spring Semester of the first year as a Pre-INDS major).

8. Students transferring in with an Interior Design Major from other schools are required to have their portfolio and transcript(s) evaluated by the Interior Design Program Coordinator who is responsible for determining which design courses remain to be taken and which design courses are eligible to receive transfer credit. Adequate time must be allowed for scheduling, review and notification. Please contact the program coordinator to schedule an appointment.

**MEETING MINIMUM REQUIREMENTS IS NOT A GUARANTEE OF ACCEPTANCE INTO THE PROGRAM.*

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 ART 1010 or 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.

1. Students must maintain a 2.25 total institution overall GPA. An admitted student whose total institution GPA falls below 2.25 will be on probation for one semester. If the student’s GPA remains below 2.25 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.
2. 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.
3. 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.

For additional information, contact the College of Health and Human Sciences Student Services Center at (912) 478-1931 or the School of Human Ecology at (912) 478-5345.

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).

NURSING

B.S.N., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
CHEM 1151 - Survey of Chemistry I (4)	
CHEM 1152 - Survey of Chemistry II (4)	
Environmental Science/Lab (4)	
<i>*The carryover hour from Area D will be used as an elective hour</i>	
Area E - Social Sciences	12 Hours
Elective (3)	
Area F - Courses Appropriate to Major	18 Hours
BIOL 2240 - Microbiology (4)	
CHFD 2137 - Lifespan Development (3)	
KINS 2511 - Human Anatomy and Physiology I Lab (1)	
KINS 2512 - Human Anatomy and Physiology II Lab (1)	
KINS 2531 - Human Anatomy and Physiology I (3)	
KINS 2532 - Human Anatomy and Physiology II (3)	
STAT 2231 - Introduction to Statistics (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	57 Hours
NURS 3111 - Professional Practice Competencies (1)	
NURS 3130 - Critical Inquiry: Nursing Research (3)	
NURS 3139 - Conceptual Basis for Nursing: Health Promotion (3) (RN-BSN and RN-MSN students only)	
NURS 3150 - Introduction to Professional Practice (5)	
NURS 3163 - Nursing Care of Adults (6)	
NURS 3221 - Pharmacologic and Integrative Therapeutics I (2)	
NURS 3222 - Pharmacologic and Integrative Therapeutics II (2)	
NURS 3230 - Health Assessment Across the Lifespan (3)	
NURS 3252 - Mental Health Nursing (5)	
NURS 3332 - Pathophysiology (3)	
NURS 4090 - Selected Topics in Nursing (1-6)	
NURS 4132 - Complementary Therapeutic Modalities (3) (RN-BSN and RN-MSN/CNS students only)	
NURS 4133 - Complex Nursing Concepts (3) (RN-BSN and RN-MSN/CNS students only)	
NURS 4138 - Nursing Leadership and Management: Health Promotion VIII (3)	
NURS 4160 - Nursing Leadership and Management: Principles and Practice (6) (RN-BSN and RN-MSN students only)	
NURS 4229 - Health Promotion: Critical Analysis of Nursing Concepts (2)	
NURS 4351 - Nursing Care of Developing Families (5)	
NURS 4352 - Nursing Care of Children (5)	
NURS 4353 - Community Health Nursing (5)	
NURS 4354 - Advanced Nursing Care of Adults (5)	
NURS 4728 - Nursing Leadership Preceptorship: Practicum VIII (2)	
NURS 4890 - Independent Study (1-3)	
Elective	3 Hours
Carryover from Area D (1)	
Foreign Language - Optional	
Minor - Optional	

ADVISEMENT: Pre-Nursing majors are advised in the College of Health and Human Sciences Student Services Center, Hollis Building, Room 0107, (912) 478-1931. Nursing majors (BSN and LPN-BSN students) are advised in the School of Nursing, BSN Office, Nursing/Chemistry Building, Room 2002, (912) 478-5242. RN-BSN and RN-MSN students are advised in the School of Nursing, RN-BSN Office, Nursing/Chemistry Building, Room 2002, (912) 478-5166.

PROGRAM ADMISSION CRITERIA:

BSN Program applicants must meet the University entrance requirements as described in the University Catalog. All applicants must apply for admission to both the University and the School of Nursing. Once admitted to the University, students should contact the Student Services Center or the School of Nursing for advisement. Requirements for admission into the School of Nursing are based on requirements

in place at the time of application to the BSN Program. In order to be considered for admission to the BSN Program, prelicensure applicants must have met the following requirements:

1. Attained admission to Georgia Southern University.
2. Achieved a minimum cumulative grade point average of 3.0 or better on all attempted hours in the Core Curriculum in Areas A1-F. Those students who hold a B.A. or B.S. degree must have a *cumulative* GPA of 3.0 for all course work.
3. Completed a minimum of 45 semester credit hours of required course work with a minimum grade of "C"□.
4. Completed 12 hours of the 20 hours of required lab science course work, including 4 hours in Area F with a minimum grade of "C"; Note: The student's record of achievement in science and math courses will be an important consideration in the admission process.
5. Achieved a minimum score equivalent to or higher than the national passing composite score on the Admission Assessment Test (AA²). The AA² test scores must be submitted with the nursing application. Scores submitted for the AA² Exam must reflect a test date no more than 12 months prior to application to the nursing program. (Contact the School of Nursing for test dates, locations, and applicable fees.)
6. Returned the nursing application to the School of Nursing by the announced deadline.
7. For transfer students: Requested official transcript(s) for all college work attempted and assured that the transcripts have been received in the Admissions Office by the announced deadline.
8. Through the LPN-BSN Program, LPN students may be eligible to earn up to 9 credit hours by proficiency examination.

Applicants must have met the following requirements before enrollment in NURS 3150:

1. Maintained a minimum cumulative GPA of 3.0.
2. Earned a minimum grade of "C" in Area A courses, Lab Sciences, Statistics, Anatomy and Physiology I and II with Labs, Lifespan Human Growth and Development, and Microbiology. Note: The student's record of achievement in science and math courses will be an important consideration in the admission process.
3. Met School of Nursing clinical course requirements, including: (a) health history and physical examination; (b) essential performance standards for nursing practice; (c) immunization requirements including measles, rubella, and hepatitis B; (d) tuberculosis screening; (e) current American Heart Association CPR for Health Care Providers' certification; (f) health professions student liability insurance; and (g) personal health insurance.
4. Participated in a School of Nursing orientation session.
5. For applicants holding a current valid health profession's license (e.g., LPN, EMT, RT, RD), provided proof of licensure.

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 conditions. Credit 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 credits for non-nursing courses will be evaluated by the Admissions Department of the University.
3. Transfer credits for nursing courses will not be accepted.
4. Students having failures (C- or less) in previous nursing courses are not eligible for admission into the nursing program at Georgia Southern University.

RN applicants (RN-BSN and RN-MSN):

The BSN Program is a participant in the Georgia RN-BSN Articulation Model for registered nurses returning for the Bachelor of Science in Nursing (BSN) degree. After successful completion of 6 hours of specified junior level nursing courses, RN students will be awarded 29 credit hours in the nursing major. The following courses are specifically designed to meet the needs of the RN: NURS 3139, NURS 4133, NURS 4160, and are taken instead of NURS 3111, NURS 4354, NURS 4138, and NURS 4728.

To be considered for admission to the Bachelor of Science in Nursing degree program, RN applicants must have met the following minimum requirements by the application deadline:

1. Attained admission to Georgia Southern University.
2. Achieved a minimum total institution GPA of 3.0 on all course work attempted or a minimum of 2.7 for provisional admission (full admission after earning a "B" or better in 6 semester hours of nursing courses).
3. Completed a minimum of 45 semester hours of required course work.
4. Provided proof of current Georgia RN licensure and present any other current valid health professional license number to faculty (e.g. RN licensure in another state, LPN, EMT, RT, RD).
5. Returned the nursing application to the School of Nursing.
6. Met the requirements of the Georgia RN-BSN Articulation Model.

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 a curriculum planning conference with RN-BSN Program Director by phone or on campus.
 - b. Attended RN-BSN Orientation session or an approved alternate.
 - c. Submitted School of Nursing clinical requirements including: (a) health history and physical examination; (b) immunization requirements including measles, rubella, and hepatitis B; (c) tuberculosis screening; (d) current American Heart Association CPR for Healthcare Providers' certification; (e) health professions liability insurance for Registered Nurses; and (f) proof of personal health insurance.
7. All lab science courses, Area A math course, and statistics must be completed before enrollment in RN-BSN / RN-MSN courses.
 8. All core courses must be satisfied before or during the last semester of nursing.

Progression Requirements

1. BSN students must earn a grade of "C" in all required nursing courses in the major in order to progress in the nursing 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. 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 by the BSN Program Director and the School of Nursing Chair. An unsatisfactory performance in a clinical practicum rotation represents failure of the course. The student will also be required to withdraw from all courses requiring a clinical practicum rotation in the same semester.
4. 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 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 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. Additionally, 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.

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 professional 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.

For additional information, contact the BSN Program secretary, School of Nursing, Nursing/Chemistry Building, Room 2002, (912) 478-5242. RN students wishing to pursue the BSN degree (RN-BSN and RN-MSN students) should contact the RN-BSN Secretary, Nursing/Chemistry Building, Room 2002, (912) 478-5166.

The School of Nursing Programs are accredited by the Commission on Collegiate Nursing Education and approved by the Georgia Board of Nursing.

NUTRITION AND FOOD SCIENCE B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2030 - Survey of Accounting (3)	
CHEM 1146 - Principles of Chemistry II (4)	
NTFS 2534 - Introductory Food Science (3)	
*Restricted electives (4-8) (If not taken in area D or E)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Nutrition and Food Science Core	36 Hours
BIOL 2240 - Microbiology (4)	
CHEM 3341- Organic Chemistry I (4)	
CHEM 3342 - Organic Chemistry II (4)	
CHEM 3530 - Nutritional Biochemistry (3)	
HLTH 2510 - Medical Terminology (1)	
NTFS 2514 - Professional Practice Strategies (1)	
NTFS 3534 - Human Nutrition (3)	
NTFS 3535 - Life Cycle Nutrition (3)	
NTFS 3536 - Meal Management (3)	
NTFS 4534 - Medical Nutrition Therapy I (3)	
NTFS 4536 - Metabolic Nutrition (3)	
NTFS 4538 - Medical Nutrition Therapy II (3)	
NTFS 4610 - Nutrition and Food Science Senior Seminar (1)	
Areas of Emphasis (select <u>one</u> area)	18 Hours
Dietetics Emphasis	
NTFS 3537 - Advanced Food Science (3)	
NTFS 3538 - Quantity Food Systems Administration (3)	
NTFS 3730 - Quantity Food Practicum (3)	
NTFS 4535 - Community Nutrition (3)	
NTFS 4537 - Experimental Food Science (3)	
*Restricted Electives (3)	
Community Nutrition Emphasis	
HLTH 2130 - Foundations of Health Education (3)	
HLTH 3230 - Community Health (3)	
HLTH 4134 - Research Methods and Evaluation in Health Education and Promotion (3)	
NTFS 4535 - Community Nutrition (3)	
NTFS 4630 - Cultural Foods (3)	
Select <u>3 hours</u> from the following Guided Electives:	
HLTH 3131 - Chronic Diseases: A Modern Epidemic (3)	
HLTH 3231 - Epidemiology & Biostatistics (3)	
HLTH 3330 - Modifying Health Behaviors (3)	
HLTH 4230 - Maternal and Child Health (3)	
HLTH 4231 - Health Aspects of Aging (3)	
HLTH 4330 - Promotional Strategies for Health Programs (3)	
NTFS 3630 - Sports Nutrition (3)	
NTFS 4899 - Directed Individual Study (1-6)	
Food Science/Food Systems Administration	
MKTG 3131 - Principles of Marketing (3)	
NTFS 3537 - Advanced Food Science (3)	
NTFS 3538 - Quantity Food Systems Administration (3)	
NTFS 3730 - Quantity Food Practicum (3)	
NTFS 4537 - Experimental Food Science (3)	
Select <u>3 hours</u> from the following Guided Electives:	
BUSA 3131 - Business Statistics (3)	
BUSA 3132 - Applied Statistics and Optimization (3)	
BUSA 3134 - Accounting for Management (3)	

- CISM 2530 - Advanced Business Applications (3)
- MGNT 3334 - Human Resource Management (3)
- MGNT 4333 - Human Resource Information Systems (3)
- NTFS 4535 - Community Nutrition (3)
- NTFS 4539 - Issues and Trends in Food Science (3)
- NTFS 4630 - Cultural Foods (3)
- NTFS 4899 - Directed Individual Study (1-6)

Elective..... 3 Hours
Foreign Language Requirement or “Significant International Content” Course..... 3 Hours

ADVISEMENT: Contact the College of Health and Human Sciences Student Services Center, Room 0107, Hollis Building, (912) 478-1931, for information regarding admission and advisement.

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), American Dietetic Association, 120 S. Riverside Plaza, Suite 2000, Chicago, IL 60606-6995. Phone: (800) 877-1600. Web: <http://www.eatright.org>.

**KINS 2531/2511 - Human Anatomy and Physiology I (4), KINS 2532/2512 - Human Anatomy and Physiology II (4), PSYC 1101 - Introduction to Psychology (3), STAT 2231 - Introduction to Statistics I (3). Any of these courses not taken in the Core or in Area F should be taken in the Non-Major Requirements area. Any available hours beyond these may be taken as Free Electives.*

Dietetics Emphasis (Didactic Program in Dietetics) Admission Criteria:

- Attain admission to Georgia Southern University.
- Have a minimum of second semester sophomore status (45 semester hours completed) upon applying for the program.
- Achieve a minimum total overall institution 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":
 - ACCT 2030 - Survey of Accounting (3)
 - CHEM 1145 - Principles of Chemistry I (4)
 - KINS 2531 - Human Anatomy and Physiology I (3) and KINS 2511 - Human Anatomy and Physiology I Lab (1)
 - NTFS 2514 - Professional Practice Strategies (1)
 - NTFS 2534 - Introductory Food Science (3)
 - NTFS 3534 - Human Nutrition (3)
 - STAT 2231 - Introduction to Statistics I (3)
- 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. 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.**

Application deadline: February 15th (If this date falls on a weekend or holiday then the application is due on the next working day.)

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 total institution overall GPA. An admitted student whose total institution 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.

Note: Students transferring into the Nutrition and Food Science: Dietetics Emphasis from other majors or NTFS emphases may not be able to graduate necessarily within the traditional four-year period. In addition, students who transfer in with less than a "C" grade will be required to repeat those courses to meet prerequisite and major requirements.

RECREATION B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
RECR 1530 - Introduction to Recreation (3)	
*RECR 2131 - Introduction to Therapeutic Recreation (3) OR CHFD 2137 - Lifespan Development (3)	
RECR 2530 - Leadership and Programming in Leisure Services (3)	
Select 6-9 hours from the following:	
ACCT 2030 - Survey of Accounting (3)	
ANTH 1102 - Introduction to Anthropology (3)	
BIOL 2107 - Principles of Biology I (3)	
BIOL 2108 - Principles of Biology II (3)	
CHFD 2135 - Child Development (3)	
CISM 1120 - Computer Concepts (2) and CISM 1110 - Computer Applications (1)	
COMM 2332 - Introduction to Mass Communication (3)	
CRJU 1100 - Introduction to Criminal Justice (3)	
GEOG 1101 - Introduction to Human Geography (3)	
GEOG 1130 - World Regional Geography (3)	
HLTH 2130 - Foundations of Health Education (3)	
JOUR 2331 - Introduction to Journalism (3)	
POLS 2101 - Introduction to Political Science (3)	
PSYC 1101 - Introduction to Psychology (3)	
SMGT 2130 - Introduction to Sport Management (3)	
SOCI 1101 - Introduction to Sociology (3)	
STAT 2231 - Introduction to Statistics I (3)	
*Therapeutic Recreation students MUST take both RECR 2131 and CHFD 2137	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	27 Hours
RECR 3236 - Planning Recreation Areas and Facilities (3)	
RECR 4430 - Financial and Legal Dimensions (3)	
RECR 4435 - Managing Recreation Organizations (3)	
RECR 4530 - Marketing Recreation Services (3)	
RECR 4630 - Professional Development in Recreation (3)	
RECR 4790 - Internship (12)	
Areas of Emphasis (select <u>one</u> area)	12-16 Hours
<u>Therapeutic Recreation</u>	
KINS 2531 - Human Anatomy and Physiology I (3) and KINS 2511 - Human Anatomy and Physiology I Laboratory (1)	
RECR 3135 - Program Planning in Therapeutic Recreation (3)	
RECR 4130 - Assessment and Documentation in Therapeutic Recreation (3)	
RECR 4135 - Therapeutic Recreation Intervention Techniques (3)	
RECR 4730 - Professional Advancement in Therapeutic Recreation (3)	
<u>Outdoor Recreation</u>	
RECR 3230 - Adventure Education (3)	
RECR 3235 - Outdoor Recreation Management (3)	
RECR 4230 - Environmental Education and Interpretation (3)	
Directed Upper Division Recreation Elective (3)	
<u>Tourism and Community Leisure Services</u>	
RECR 3335 - Introduction to Tourism Management (3)	
RECR 3430 - Conference and Event Planning (3)	
Directed Upper Division Recreation Elective (3)	
Directed Upper Division Recreation Elective (3)	
Non-Recreation Courses	11-15 Hours
Suggested Minors or areas of interest include: Anthropology, Biology, Business, Child and Family Development, Health Education and Promotion, Criminal Justice, Geography, Geographic Information Science, History, Hotel & Restaurant Management, Journalism, Kinesiology, Marketing, Management, Public Relations, Psychology, Regional Economic Development, Sociology, Sport Management	
Foreign Language or International Studies Elective	3 Hours

Elective..... 3 Hours

ADVISEMENT: Contact the College of Health and Human Sciences Student Services Center, Hollis Building, Room 0107, (912) 478-1931 for more information regarding admission and advising requirements.

PROGRAM ADMISSION CRITERIA:

- 2.0 GPA for Therapeutic Recreation, Outdoor Recreation, and Tourism and Community Leisure Services
- 2.00 GPA to enroll in Internship
- Students must have completed all of Area A1 and Area A2 requirements and RECR 1530 prior to admission to the program.

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 Non-Recreation Courses.

SPORT MANAGEMENT B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ACCT 2030 - Survey of Accounting (3)	
SMGT 2130 - Introduction to Sport Management (3)	
SMGT 2230 - Social Issues in Sport (3)	
STAT 2231 - Introduction to Statistics I (3)	
Select 3 hours from the following:	
CISM 1120 - Computer Concepts (2) and CISM 1110 - Computer Applications (1)	
CISM 2530 - Advanced Business Applications (3)	
Select 3 hours from the following Guided Electives:	
ANTH 1102 - Introduction to Anthropology (3)	
ART 1000 - Art in Life (3)	
ASTR 1000 - Introduction to the Universe (3)	
BIOL 1331 - Insects and People (3)	
BIOL 1335 - Plants and Civilization (3)	
BUSA 1105 - Introduction to Business (3)	
BUSA 1131 - Financial Survival Skills (3)	
COMM 1110 - Principles of Public Speaking (3) (Prerequisite ENGL 1101)	
ECON 2106 - Business Economics (3)	
Foreign Language 1001 - Elementary I (3)	
Foreign Language 1002 - Elementary II (3)	
Foreign Language 2001 - Intermediate I (3)	
Foreign Language 2002 - Intermediate II (3)	
Foreign Language 1060 - Accelerated Elementary (3 of 6) (3 Hours to Area C)	
Foreign Language 2060 - Accelerated Intermediate (3 of 6) (3 Hours to Area C)	
GEOG 1130 - World Regional Geography (3)	
GEOL 1430 - Dinosaurs, Extinctions and Disasters (3)	
MATH 1112 - Trigonometry (3) (Prerequisite MATH 1111 or equivalent academic background)	
MATH 1232 - Survey of Calculus (3) (Prerequisite MATH 1101 or MATH 1111)	
MUSC 1100 - Music Appreciation (3)	
PHIL 2010 - Introduction to Philosophy (3)	
PHYS 1135 - How Things Work (3)	
PSYC 1101 - Introduction to Psychology (3)	
RELS 2130 - Introduction to Religion (3)	
SOC1 1101 - Introduction to Sociology (3)	
TCGT 1530 - Global Sustainability and Innovation (3)	
THEA 1100 - Theatre Appreciation (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	36 Hours
SMGT 3230 - Economics of Sport (3)	
SMGT 3236 - Financial Management of Sport (3)	
SMGT 3238 - Management of Sport Organizations (3)	
SMGT 3330 - Sport Promotion and Marketing (3)	
SMGT 4330 - Facility and Event Management (3)	
SMGT 4336 - Sport Business Operations (3)	
SMGT 4337 - Legal Aspects of Sport (3)	
SMGT 4338 - Sport Policy Development (3)	
SMGT 4735 - Internship (12)	
Non-Sport Management Courses	18 Hours
<i>Business Minor (12)</i>	
BUSA 3134 - Accounting for Management (3) OR FINC 3131 - Principles of Corporate Finance (3)	
MGNT 3130 - Management and Organizational Behavior (3)	
MGNT 3134 - Behavior in Organizations (3)	
MKTG 3131 - Principles of Marketing (3)	

Select 6 hours from the following Guided Electives:

Note: Only one SMGT course may be used as a Guided Elective.

- GCM 1321 - Desktop Publishing (2) and GCM 1411 - Desktop Publishing Laboratory (1)
- JOUR 2331 - Introduction to Journalism (3)
- JOUR 3331 - News Reporting and Writing (3)
- JOUR 3332 - Feature Writing (3)
- JOUR 4333 - Opinion Journalism (3)
- JOUR 4336 - Online Journalism (3)
- JOUR/MMC 3334 - Broadcast News (3)
- KINS 3426 - Coaching Baseball and Softball (2)
- KINS 3427 - Coaching Basketball (2)
- KINS 3428 - Coaching Football (2)
- KINS 3429 - Coaching Olympic Sports (2)
- KINS 3430 - Principles of Coaching (3)
- KINS 3431 - Psychology of Coaching (3)
- KINS 4420 - Sport Conditioning Laboratory (2)
- KINS 4421 - Principles of Officiating (2)
- KINS 4730 - Coaching Practicum (3)
- MGNT 3234 - Entrepreneurship (3)
- MGNT 4234 - Small Business Management (3)
- MKTG 3132 - Principles of Advertising (3)
- MKTG 3133 - Professional Selling (3)
- MKTG 3134 - Business Marketing (3)
- MKTG 4135 - Buyer Behavior (3)
- MKTG 4137 - Marketing Management (3)
- MMC 2335 - Introduction to Media Writing (3)
- MMC 3331 - Audio Production & Announcing (3)
- MMC 3332 - Studio Video Production (3)
- RECR 4435 - Managing Recreation Organizations (3)
- SMGT 4090 - Selected Topics in Sport Management (1-3)
- SMGT 4630 - Baseball and American Culture (3)

Foreign Language or International Studies Elective 3 Hours
Elective..... 3 Hours

ADVISEMENT: Contact the College of Health and Human Sciences Student Services Center, Hollis Building, Room 0107, (912) 478-1931 for more information regarding admission and advising requirements.

PROGRAM ADMISSION CRITERIA:

- Students must have a 2.25 GPA for admission to the degree program.
- Students must have completed all Area F requirements with a minimum grade of “C” before admission to the program.
- Students must have a 2.25 GPA to enroll in the internship.

PROGRAM PROGRESSION REQUIREMENTS:

- Students must earn minimum grade of “C” in all Area F courses and within the major requirements, including guided electives.

College of Liberal Arts and Social Sciences

Interim Dean: Dr. Curtis Ricker
Foy 3008
P.O. Box 8142
(912) 478-2527
FAX (912) 478-5346
cricker@georgiasouthern.edu

Acting Associate Dean for Faculty Services: Dr. Christine Ludowise
Foy 3004
P.O. Box 8142
(912) 478-2527

Associate Dean for Student Affairs: Dr. Christine Ludowise
Foy 3004
P.O. Box 8142
(912) 478-2527
ludowise@georgiasouthern.edu

MISSION

The College of Liberal Arts 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 web site at <http://class.georgiasouthern.edu/>

STRUCTURE

The College of Liberal Arts and Social Sciences includes eleven departments, five centers, one institute, and two interdisciplinary programs:

Betty Foy Sanders Department of Art

Hans Mortensen, Interim Chair

Professors: D. Armel, P. Carter, J. Hines, C. Lemon, B. Little (Emeritus), J. McGuire, J. Olson (Emeritus), O. Onyile, J. Pleak (Emerita), R. Remley (Emerita), P. Steadman (Emeritus), R. Tichich (Emeritus), P. Walker, S. Williams (Emeritus)

Associate Professors: J. Burke, H. Iler (Emeritus), D. Larson, S. Majumdar, H. Mortensen, M. Moulton, J. Schmuki, L. Thomson, T. Townsend

Assistant Professors: E. Hill, M. Mitchell, E. Rushton
Lecturer: J. Fischer

Department of Communication Arts

Pamela Bourland-Davis, Chair

Professors: D. Addington (Emeritus), P. Bourland-Davis, G. Dart (Emeritus), M. Shytles (Emerita), R. Smith

Associate Professors: K. Berry, C. Geyerman, B. Graham, J. Harbour, R. Johnson (Emeritus), E. Wyatt (Emeritus)

Assistant Professors: L. Abbott, B. Bae, S. Broadway, A. Brooks, S. DeBonis, B. Graves, R. Kennerly, J. Kowalewski, L. Muller, K. Murray, N. Newell, V. Rowden (Emerita), S. McCarroll, M. Stone, P. Wheaton, M. Whitaker (Emeritus)

Lecturers: S. Bridges, M. Ginther, M. Groover, A. Healy, M. Plew

Department of Criminal Justice and Criminology

Adam Bossler, Interim Chair

Professors: S. Tracy

Associate Professors: A. Bossler, R. Davis, C. Ludowise

Assistant Professors: L. Agnich, L. Gould, B. Miller, C. Policastro, C. Posick

Department of Foreign Languages

Eric Kartchner, Chair

Professors: D. Alley, L. Bouma (Emeritus), J.P. Carton

(Emeritus), Z. Farkas (Emeritus), C. Krug, M. McGrath, J. Schomber (Emerita), D. Seaman, J. Weatherford (Emeritus)

Associate Professors: J. Hidalgo, E. Kartchner, H. Kurz, C. Johnson, D. Martinez-Conde, D. Rangel, D. Richards (Emeritus)

Assistant Professors: O. Amarie, N. Barrett (Emerita), M.J. Borowsky (Emerita), L. Collins, M. Lynch (Emerita), L. McGrath, A. Pinilla-Herrera, M. Ruiz-Funes, J. Suazo

Lecturers: N. Eisenhart, J. Goldstein, T. Graves, M.H. Hernandez, M. Hughes, X. Li, A. Poling, Y. Sahli, M. Sanchez

Department of History

Johnathan O'Neill, Chair

Professors: W. Allison, K. Comerford, V. Egger (Emeritus), J.

Fraser (Emeritus), H. Joiner (Emeritus), C. Moseley (Emeritus), J. O'Neill, S. Peacock, D. Rakestraw, P. Rodell, C. Roell, G. Rogers (Emeritus), F. Saunders (Emeritus), G. Shriver (Emeritus), A. Sims, J. Steinberg, J. Woods, A. Young (Emeritus)

Associate Professors: R. Batchelor, R. Barrow (Emeritus), J.

Bryant, L. Denmark, A. Downs, C. Ford (Emeritus), M. Haberland, E. McMullen, T. Teeter

Assistant Professors: C. Abreu, A. Akturk, R. Alexander, F. Brogdon (Emeritus), J. Burson, B. Feltman, E. Hall, J. O'Neill, J. Peng, C. Skidmore-Hess, S. Smith, M. Van Wagenen

Lecturer: M. Gayan, D. Timmons-Hill

Department of Literature and Philosophy

David Dudley, Chair

Literature

Professors: H. Cate (Emeritus), D. Dudley, R. Flynn, P. Gillis

(Emerita), L. Huff (Emeritus), J. Humma (Emeritus), G. Kundu, T. Lloyd, J. Nichols (Emeritus), D. Presley (Emeritus), F. Sanders (Emeritus), P. Spurgeon (Emeritus), D. Thomson, C. Town, T. Whelan, A. Whittle (Emeritus)

Associate Professors: B. Bitter (Emerita), R. Costomiris, M. Cyr, O. Edenfield, J. Griffin, P. LaCerva (Emerita), D. Lanier (Emerita), E. Little (Emeritus), J. Pellegrino, F. Richter (Emeritus), C. Schille, M. Villeponteaux, T. Warchol

Assistant Professors: D. Anderson, G. Hicks (Emerita), C. Hoff (Emeritus), A. Hooley (Emerita), E. James (Emerita), D. Jones (Emerita), H. Keeley, E. Mills (Emerita), S. Rabitsch (Emerita)

Instructor: N. Huffman (Emerita)

Lecturer: B. Edwards

Philosophy

Associate Professors: M. Adamos, W. Eaton, J. Parcels (Emeritus)

Assistant Professors: E. Butterfield, D. Layne

Religious Studies

Professor: H. Gossai

Assistant Professor: F. Curtis, N. Karapanagiotis

Department of Music

Linda Cionitti, Interim Chair

Professors: H. Arling (Emeritus), M. Braz (Emeritus), C. Bryan, L. Cionitti, N. da Roza (Emerita), M. Fallin, K. Hancock, G. Harwood, A. Henderson, J. Graham (Emeritus), D. Graves (Emeritus), D. Matthew (Emeritus), T. Pearsall, D. Pittman

Associate Professors: R. Dunham, A. Gregory, D. Murray, W. Schmid, J. Thompson

Assistant Professors: L. Elisha, S. Elisha, J. Gendelman, C. Jeffreys, R. Mason, C. McKenzie, L. Stambaugh

Part-Time Assistant Professors: S. Furry, S. Thomson

Lecturers: T. Doyle, A. Gnam

Part-Time Instructors: J. Aceto, K. Balmoceda, M. D'Angelo, T.

Dickens, M. Elliott, S. Hancock, C. Horel, T. Kintzinger, C.

Marshall, J. Ponder, M. Porter, A. Schmid, A. Thibeault

Head Accompanist: K. Rucker

Staff Accompanists: C. Marshall, W. Ponder

Department of Political Science

Barry Balleck, Interim Chair

Professors: G. Cox (Emeritus), J. Daily (Emeritus), S. Hashmi (Emeritus), N. Henry (Emeritus), J. Mann (Emeritus), P.

Novotny, R. Pacelle, R. Pajari (Emeritus), R. Pirro, D. Sabia,

L. Van Tassell (Emeritus), L. Duke-Whitaker

Associate Professors: B. Balleck, B. Curry, R. Dick (Emeritus),

S. Engel, G. Harrison (Emerita), S. Jallow, L. Taylor

(Emeritus), K. Wiegand

Assistant Professors: P. Christian, T. Davis, C. Jensen, K.

McCurdy, J. Scalera, K. Ward

Lecturer: K. Cook

Department of Psychology

Michael Nielsen, Chair

Professors: W. Jones (Emeritus), J. Kennedy (Emerita), P.

Kleinginna (Emeritus), M. Lloyd (Emerita), W. McIntosh

(Emeritus), M. Nielsen, G. Richards (Emeritus), R. Rogers

(Emeritus), E. Smith (Emeritus), J. Wilson

Associate Professors: A. Hackney, L. Locker, K. Naufel, R.

Ryan, J. Steirn, D. Webster

Assistant Professors: K. Bodily, T. Boyer, J. Brooks, J. Klibert,

K. Naufel, J. Pugh, B. Smalley, T. Smith, B. Sturz, C. Yancey

Director Regents Center for Learning Disorders: G. Shaver

Department of Sociology and Anthropology

Peggy Hargis, Chair

Anthropology

Professors: R. Branch (Emeritus), H. Mobley (Emeritus), S.

Moore

Associate Professors: H. Altman, B. Hendry, R. Shanafelt

Sociology

Professors: R. Branch (Emeritus), P. Hargis, H. Mobley

(Emeritus), W. Smith

Associate Professors: T. Brimeyer, N. Malcom, P. Zhang

Assistant Professors: A. Cohen, L. Greene, A. Schueths, E. Silva,

M. Wood

Lecturer: N. Palmer

Department of Writing and Linguistics

Dan Bauer, Chair

Professors: E. Nelson, M. Pemberton, M. J. Walker

Associate Professors: K. Albertson, L. Amy, P. Dallas, T. Giles,

M. Hadley, T. Klein, M. Marwitz, M. McLaughlin (Emerita),

L. Milner, B. Nichols (Emerita), D. Purvis (Emerita), P. Price

(Emerita), N. Saye, L. Valeri, T. Welford

Assistant Professors: E. Bolden, L. Costello, C. Crittenden

(Emerita), N. Dessommes, E. Hendrix, R. Keithley (Emeritus),

L. Loncharich, M. Pate (Emerita), J. Schreiber, J. Sexton, T.

Thompson

Lecturers: S. Domet, J. Joyner, E. Kelly, P. Lindsey, N. LoBue,

K. Psonak, B. Santana, S. Smith, M. Sullivan

Centers:

Center for Africana Studies

Director: S. Jallow

Center for Irish Studies

Director: H. Keeley

University Writing Center

Director: M. Pemberton

CLASS Advising Center

Coordinator: J. Glenn

Center for Pre-Law Advisement

Coordinator: R. Davis

Institutes:

Institute for Public and Nonprofit Studies

Director: T. Davis, interim

Assistant Professors: P. Christian, T. Davis, C. Jensen, R.

Robichau

Interdisciplinary Studies Programs:

Women's and Gender Studies

Director: M. Haberland

American Studies

Director: L. Griffin

PROGRAMS - UNDERGRADUATE

The following undergraduate degree programs and emphasis areas are offered by the academic units within the College:

Bachelor of Arts (B.A.)

Major in Anthropology

Major in Art

Concentration Areas: Art History and Studio

Major in English

Major in History

Major in Modern Languages

Concentration Areas: French, German, and Spanish

Major in Music

Major in Philosophy

Major in Political Science

Major in Theatre

Major in Writing and Linguistics

Bachelor of Fine Arts (B.F.A.)

Major in Art

Concentration Areas: 2D Studio: Drawing, Painting, Print/Paper/Book Arts, 3D Studio: Ceramics, Jewelry/Metals, Sculpture, and Graphic Design

Bachelor of General Studies (B.G.S.)

Major in General Studies

Bachelor of Science in Graphic Communications Management (B.S.Graph.Com.)

Major in Graphic Communications Management

Bachelor of Music (B.M.)

Major in Composition

Major in Music Education

Emphasis Areas: Choral and Instrumental

Major in Performance

Emphasis Areas: Instrumental, Jazz Performance, Piano, and Voice

Bachelor of Science (B.S.)

Major in Communication Studies

Major in Journalism

Major in Multimedia Communication

Emphasis Areas: Digital Filmmaking, Information, and Production

Major in Political Science

Major in Psychology

Major in Public Relations

Major in Sociology

Bachelor of Science in Justice Studies (B.S.J.S.)

Major in Justice Studies

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 Basic Skills 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.

ADVISEMENT

Undergraduate students are advised by CLASS advisors. General Studies and Music majors are advised in the CLASS Advising Center, which is located in Room 3060 in the Foy Building. All other majors are advised in their academic department's satellite advising center.

PROGRAMS - PRE-PROFESSIONAL**Pre-Law**

There are no required majors, minors, or courses for law school. The American Bar Association does not recommend a specific major or minor, nor is there a specific major or minor which law schools prefer. Students should choose a major they will enjoy and in which they will excel, being certain to sharpen their skills in reading, speaking, researching, writing, and critical analysis.

To acquire full information about preparing for and taking the LSAT, preparing law school applications, and other concerns about seeking law school admission, contact Rebecca Davis at (912) 478-5765 or bdavis@georgiasouthern.edu or see <http://class.georgiasouthern.edu/prelaw/>. A pre-law office has been established in Carroll Room 2213 where students can ask questions, access resources, and acquire information.

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)

College of Liberal Arts and Social Sciences Programs

ANTHROPOLOGY

B. A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ANTH 1102 - Introduction to Anthropology (3)	
ANTH 2131 - Biological Anthropology (3)	
Foreign Language - through 2002 (0-6)	
Select <u>6-12 hours</u> from the following:	
BIOL 1130 - General Biology (3) and BIOL 1110 - General Biology Lab (1)	
BIOL 1230 - Environmental Biology (3) and BIOL 1210 - Environmental Biology Lab (1)	
CISM 1110 - Computer Applications (1) and CISM 1120 - Computer Concepts (2)	
CSCI 1301 - Programming Principles I (4) OR CSCI 1302 - Programming Principles II (3)	
GEOG 1111 - Climate and Landscape (3)	
GEOG 1130 - World Regional Geography (3)	
GEOL 1141 - Introduction to the Earth (4)	
GEOL 1142 - General Historical Geology w/lab (4)	
GEOL 1340 - Environmental Geology (4)	
HIST 1111 - World History I (3)	
KINS 2531 - Human Anatomy and Physiology I (3) and KINS 2511 - Human Anatomy and Physiology I Lab (1) OR KINS 2532 - Human Anatomy and Physiology II (3) and KINS 2512 - Human Anatomy and Physiology II Lab (1)	
POLS 2101 - Introduction to Political Science (3)	
PSYC 1101 - Introduction to Psychology (3)	
SOC 1101 - Introduction to Sociology (3)	
STAT 2231 - Introduction to Statistics I (3) OR STAT 2232 - Introduction to Statistics II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	30 Hours
ANTH 3131 - World Archaeology (3)	
ANTH 3331 - Cultural Anthropology (3)	
ANTH 3431 - Linguistic Anthropology (3)	
ANTH 4630 - Capstone Seminar in Anthropology (3)	
Select <u>18 hours</u> from the following Anthropology courses: (<i>3000 level or higher approved by the advisor after taking ANTH 1102</i>)	
ANTH 3091 - Selected Topics in Anthropology (1-3)	
ANTH 4131 - North American Archaeology (3)	
ANTH 4132 - Southeastern Archaeology (3)	
ANTH 4133 - Gullah and Geechee Language and Culture (3)	
ANTH 4135 - Mesoamerican Archaeology (3)	
ANTH 4231 - Methods and Theory in Archaeology (3)	
ANTH 4232 - Archaeology Field Session (3)	
ANTH 4233 - Zooarchaeology (3)	
ANTH 4235 - Advanced Archaeological Analysis (3)	
ANTH 4262 - Archaeology Field Session (6)	
ANTH 4292 - Archaeology Field Session (9)	
ANTH 4331 - Anthropology and Human Relations (3)	
ANTH 4337 - Folklife and Folk Religion (3)	
ANTH 4431 - European Cultures (3)	
ANTH 4890 - Directed Individual Study (1-3)	
ANTH 5091 - Selected Topics in Anthropology (3)	
ANTH 5131 - Historical Archaeology (3)	
ANTH 5133 - Georgia Archaeology (3)	
ANTH 5331 - Gender and Anthropology (3)	
ANTH 5337 - Ethnographic Methods (3)	
ANTH 5431 - North American Indians (3)	
ANTH 5432 - Southeastern Indians (3)	
ANTH 5435 - The South in American Culture (3)	
ANTH 5437 - Cultures of Africa (3)	
ANTH 5530 - Sociolinguistics (3)	

ANTH 5631 - Anthropology of Language and Gender (3)

Electives **15 Hours**
Minor - Required **15 Hours**

ADVISEMENT: All Anthropology majors, including students in the UHP, are advised by advisors in the Carroll Building.

OTHER PROGRAM REQUIREMENTS:

- A minimum grade of "C" in required Anthropology courses; "C" average for all Anthropology courses with maximum of one "D" included

HONORS IN ANTHROPOLOGY

To graduate with Honors in Anthropology, a student must:

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of UHON 4191 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.

ART

B.A., 126 HOURS

(Concentration In Art History)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ART 1010 - Drawing I (3)	
ART 1011 - Drawing II (3)	
ART 1020 - Two-Dimensional Design (3)	
ART 1030 - Three-Dimensional Design (3)	
ARTH 2531 - Art History I (3)	
ARTH 2532 - Art History II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	33 Hours
Select <u>24 hours</u> from the following upper division Art History courses:	
ARTH 3231 - Modern Art History (3)	
ARTH 3251 - Dada and Surrealism Art History (3)	
ARTH 3261 - Italian Mannerism Art History (3)	
ARTH 3272 - Northern Renaissance Art History (3)	
ARTH 3282 - Pre-Columbian Art History (3)	
ARTH 3377 - Graphic Design Art History (3)	
ARTH 3435 - African Art History (3)	
ARTH 3436 - African American Art History (3)	
ARTH 3437 - American Art History (3)	
ARTH 3530 - Art and Architecture of the Ancient World (3)	
ARTH 3531 - Medieval Art History (3)	
ARTH 3532 - Italian Renaissance Art History (3)	
ARTH 3533 - Baroque and Rococo Art History (3)	
ARTH 3534 - 19th Century Art History (3)	
ARTH 4435 - Art History Travel Research (3)	
ARTH 4530 - 20th Century Art History (3)	
ARTH 4531 - Contemporary Art History (3)	
ARTH 4631 - Art History Seminar (3)	
ARTH 4830 - Art History Research (3)	
Select <u>6 hours</u> from the following Exploratory Studio Art courses:	
ART 1135 - Painting I (3)	
ART 1230 - Ceramics I (3)	
ART 1235 - Sculpture I (3)	
ART 1236 - Jewelry I (3)	
ART 1335 - Photographic Imaging I (3)	
ART 1430 - Print, Paper, Book Arts I (3)	
ART 2000 - Advanced Placement Studio (3)	
ART 2233 - Computer Graphics (3)	
ART 2330 - Typography I (3)	
ART 2331 - Visual Thinking in Graphic Design (3)	
ART 3132 - Figure Drawing (3)	
ART 4590 - Selected Topics in Art (3)	
Required for the degree:	
ARTH 4831 - Senior Art History Thesis (3)	
Minor - Required	15 Hours
Foreign Language	0-6 Hours
Electives	6-12 Hours

ADVISEMENT: Every student enrolled in a degree program in the Betty Foy Sanders Department of Art is advised in the department. Contact the Betty Foy Sanders Department of Art Advising and Career Center, Room 2018, Center for Art and Theatre, (912) 478-5358, or visit: <http://class.georgiasouthern.edu/art> for advising details.

PROGRAM REQUIREMENTS:

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

ART B.A., 126 HOURS (Concentration In Studio)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ART 1010 - Drawing I (3)	
ART 1011 - Drawing II (3)	
ART 1020 - Two-Dimensional Design (3)	
ART 1030 - Three-Dimensional Design (3)	
ARTH 2531 - Art History I (3)	
ARTH 2532 - Art History II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	33 Hours
Select 9 hours from the following upper division Art History courses:	
ARTH 3231 - Modern Art History (3)	
ARTH 3251 - Dada and Surrealism Art History (3)	
ARTH 3261 - Italian Mannerism Art History (3)	
ARTH 3272 - Northern Renaissance Art History (3)	
ARTH 3282 - Pre-Columbian Art History (3)	
ARTH 3377 - Graphic Design Art History (3)	
ARTH 3435 - African Art History (3)	
ARTH 3436 - African American Art History (3)	
ARTH 3437 - American Art History (3)	
ARTH 3530 - Art and Architecture of the Ancient World (3)	
ARTH 3531 - Medieval Art History (3)	
ARTH 3532 - Italian Renaissance Art History (3)	
ARTH 3533 - Baroque and Rococo Art History (3)	
ARTH 3534 - 19th Century Art History (3)	
ARTH 4435 - Art History Travel Research (3)	
ARTH 4530 - 20th Century Art History (3)	
ARTH 4531 - Contemporary Art History (3)	
ARTH 4631 - Art History Seminar (3)	
Select 24 hours from the following Exploratory Studio Art courses:	
ART 1135 - Painting I (3)	
ART 1230 - Ceramics I (3)	
ART 1235 - Sculpture I (3)	
ART 1236 - Jewelry and Metalsmithing I (3)	
ART 1335 - Photographic Imaging I (3)	
ART 1430 - Print, Paper, Book Arts I (3)	
ART 2000 - Advanced Placement Studio (3)	
ART 2233 - Computer Graphics (3)	
ART 2330 - Typography I (3)	
ART 2331 - Visual Thinking in Graphic Design (3)	
ART 2335 - Photographic Imaging II (3)	
ART 3335 - Photographic Imaging III (3)	
ART 4590 - Selected Topics in Art (3)	
Minor - Required	15 Hours
Foreign Language	0-6 Hours
Electives	6-12 Hours

ADVICE: Every student enrolled in a degree program in the Betty Foy Sanders Department of Art is advised in the department. Contact the Betty Foy Sanders Department of Art Advising and Career Center, Room 2018, Center for Art and Theatre, (912) 478-5358, or visit: <http://class.georgiasouthern.edu/art> for advising details.

PROGRAM REQUIREMENTS:

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

ART

B.F.A., 126 HOURS

(Concentration In 2D Studio: Drawing, Painting, Print/Paper/Book Arts)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ART 1010 - Drawing I (3)	
ART 1011 - Drawing II (3)	
ART 1020 - Two Dimensional Design (3)	
ART 1030 - Three Dimensional Design (3)	
ARTH 2531 - Art History I (3)	
ARTH 2532 - Art History II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	57 Hours
Select <u>9 hours</u> from the following upper division Art History courses:	
ARTH 3231 - Modern Art History (3)	
ARTH 3251 - Dada and Surrealism Art History (3)	
ARTH 3261 - Italian Mannerism Art History (3)	
ARTH 3272 - Northern Renaissance Art History (3)	
ARTH 3282 - Pre-Columbian Art History (3)	
ARTH 3377 - Graphic Design Art History (3)	
ARTH 3435 - African Art History (3)	
ARTH 3436 - African American Art History (3)	
ARTH 3437 - American Art History (3)	
ARTH 3530 - Art and Architecture of the Ancient World (3)	
ARTH 3531 - Medieval Art History (3)	
ARTH 3532 - Italian Renaissance Art History (3)	
ARTH 3533 - Baroque and Rococo Art History (3)	
ARTH 3534 - 19th Century Art History (3)	
ARTH 4435 - Art History Travel Research (3)	
ARTH 4530 - 20th Century Art History (3)	
ARTH 4531 - Contemporary Art History (3)	
ARTH 4631 - Art History Seminar (3)	
Select <u>18 hours</u> from the following Exploratory Studio Art courses:	
ART 1230 - Ceramics I (3)	
ART 1235 - Sculpture I (3)	
ART 1236 - Jewelry & Metalsmithing I (3)	
ART 1335 - Photographic Imaging I (3)	
ART 2000 - Advanced Placement Studio (3)	
ART 2233 - Computer Graphics (3)	
ART 2330 - Typography I (3)	
ART 2331 - Visual Thinking in Graphic Design (3)	
ART 4590 - Selected Topics in Art (3)	
Concentration Studio Art Courses (30 hours):	
ART 1135 - Painting I (3)	
ART 1430 - Print, Paper, Book Arts I (3)	
ART 2135 - Painting II (3)	
ART 2430 - Print, Paper, Book Arts I I (3)	
ART 3131 - Drawing III (3)	
ART 3132 - Figure Drawing (3)	
ART 3137 - Painting III (3)	
ART 3430 - Print, Paper, Book Arts III (3)	
ART 4190 - Drawing IV (3)	
ART 4999 - BFA Portfolio and Exhibition (3)	

Elective..... 3 Hours

ADVISEMENT: Every student enrolled in a degree program in the Betty Foy Sanders Department of Art is advised in the department. Contact the Betty Foy Sanders Department of Art Advising and Career Center, Room 2018, Center for Art and Theatre, (912) 478-5358, or visit: <http://class.georgiasouthern.edu/art> for advising details.

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.

ART

B.F.A., 126 HOURS

(Concentration In 3D Studio: Ceramics, Jewelry/Metals, Sculpture)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ART 1010 - Drawing I (3)	
ART 1011 - Drawing II (3)	
ART 1020 - Two Dimensional Design (3)	
ART 1030 - Three Dimensional Design (3)	
ARTH 2531 - Art History I (3)	
ARTH 2532 - Art History II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First year Seminar (2)	
Major Requirements	57 Hours
Select <u>9 hours</u> from the following upper division Art History courses:	
ARTH 3231 - Modern Art History (3)	
ARTH 3251 - Dada and Surrealism Art History (3)	
ARTH 3261 - Italian Mannerism Art History (3)	
ARTH 3272 - Northern Renaissance Art History (3)	
ARTH 3282 - Pre-Columbian Art History (3)	
ARTH 3377 - Graphic Design Art History (3)	
ARTH 3435 - African Art History (3)	
ARTH 3436 - African American Art History (3)	
ARTH 3437 - American Art History (3)	
ARTH 3530 - Art and Architecture of the Ancient World (3)	
ARTH 3531 - Medieval Art History (3)	
ARTH 3532 - Italian Renaissance Art History (3)	
ARTH 3533 - Baroque and Rococo Art History (3)	
ARTH 3534 - 19th Century Art History (3)	
ARTH 4435 - Art History Travel Research (3)	
ARTH 4530 - 20th Century Art History (3)	
ARTH 4531 - Contemporary Art History (3)	
ARTH 4631 - Art History Seminar (3)	
Select <u>18 hours</u> from the following Exploratory Studio Art courses:	
ART 1135 - Painting I (3)	
ART 1335 - Photographic Imaging I (3)	
ART 1430 - Print, Paper, Book Arts I (3)	
ART 2000 - Advanced Placement Studio (3)	
ART 2233 - Computer Graphics (3)	
ART 2330 - Typography I (3)	
ART 2331 - Visual Thinking in Graphic Design (3)	
ART 3132 - Figure Drawing (3)	
ART 4590 - Selected Topics in Art (3)	
Concentration Studio Art Courses (30 hours):	
ART 1230 - Ceramics I (3)	
ART 1235 - Sculpture I (3)	
ART 1236 - Jewelry and Metalsmithing I (3)	
ART 2230 - Ceramics II (3)	
ART 2235 - Sculpture II (3)	
ART 2236 - Jewelry and Metalsmithing II (3)	
ART 3230 - Ceramics III (3)	
ART 3235 - Sculpture III (3)	
ART 3236 - Jewelry and Metalsmithing III (3)	
ART 4999 - BFA Portfolio and Exhibition (3)	

Elective..... 3 Hours

ADVISEMENT: Every student enrolled in a degree program in the Betty Foy Sanders Department of Art is advised in the department. Contact the Betty Foy Sanders Department of Art Advising and Career Center, Room 2018, Center for Art and Theatre, (912) 478-5358, or visit: <http://class.georgiasouthern.edu/art> for advising details.

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.

COMMUNICATION STUDIES

B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
COMM 1100 - Introduction to Human Communication (3)	
COMM 1110 - Principles of Public Speaking (3)	
COMM 2332 - Media and Society (3)	
COMS 2330 - Introduction to Communication Research (3)	
THEA 1100 - Theatre Appreciation (3) OR FILM 2331 - Introduction to Film Studies (3)	
Select <u>one</u> of the following:	
Foreign Language - through 2001 (3)	
Significant International Content Course (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	18 Hours
COMS 3332 - Small Group Communication (3)	
COMS 3335 - Interpersonal Communication (3)	
COMS 3337 - Persuasion (3)	
COMS 3338 - Rhetorical Criticism (3)	
COMS 4333 - General Semantics (3)	
COMS 4334 - Communication Theory (3)	
Additional upper division requirements selected from	18-20 Hours
COMS 1711 - Communication Studies Practicum (1) OR COMS 2711 - Communication Studies Practicum (1)	
COMS 3030 - Selected Topics in Communication Studies (3)	
COMS 3330 - Health Communication (3)	
COMS 3331 - Argumentation (3)	
COMS 3333 - Communication and Gender (3)	
COMS 3334 - Communication in the Workplace (3)	
COMS 3336 - Introduction to Performance Studies (3)	
COMS 3339 - Intercultural Communication (3)	
COMS 3711 - Communication Studies Practicum (1)	
COMS 4330 - Rhetoric of International Relations (3)	
COMS 4331 - Communication and Conflict (3)	
COMS 4332 - Political Communication (3)	
COMS 4336 - Performance, Culture, Communication (3)	
COMS 4337 - Rhetoric of Social Movements (3)	
COMS 4338 - Organizational Communication (3)	
COMS 4339 - Philosophy of Communication (3)	
COMS 4711 - Communication Studies Practicum (1)	
COMS 4831 - Directed Studies in Communication Studies (3)	
COMS 4791 - Communication Studies Internship (only 6 hours may count toward these requirements)	
Upper Division Communication Arts Electives (Other Than Communication Studies Courses)	9-12 Hours
Electives	10-15 Hours

ADVISEMENT: All "Pre-Communication Arts" and Communication Studies majors are advised in the Department of Communication Arts, Veazey Hall, (912) 478-5138. Students in the University Honors Program (UHP) are also advised in the Department.

PROGRAM ADMISSION CRITERIA:

- Students must have a total institution GPA of 2.35 and 30 earned hours to become a major in this Communication Arts program.

OTHER PROGRAM REQUIREMENTS:

- Students must make a minimum grade of "C" in each Communication Arts class to receive credit for that course.
- "Pre-Communication Arts" students cannot take upper division Communication Arts classes for credit.
- Students must have a total institution GPA of 2.5 before enrolling for internship hours (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 UHON 4191 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.

ENGLISH B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ENGL 2231 - British Literature I (3)	
ENGL 2232 - British Literature II (3)	
ENGL 2331 - American Literature I (3) OR ENGL 2332 - American Literature II (3)	
Foreign Language - through 2002 (3-6)	
Select <u>one</u> of the following: NOTE: Must take ENGL 2111 if not taken as part of Area C	
ART 1000 - Art in Life (3)	
ENGL 1230 - Reading Fiction (3)	
ENGL 1231 - Reading Drama (3)	
ENGL 1232 - Reading Poetry (3)	
ENGL 2111 - World Literature I (3)	
ENGL 2112 - World Literature II (3)	
ENGL 2434 - Language of Film (3)	
Foreign Language - additional foreign language at 1000-2000 level in a different language (3)	
HIST 1111 - World History I: Development of World Civilization (3)	
MUSC 1100 - Music Appreciation (3)	
PHIL 2010 - Introduction to Philosophy (3)	
PHIL 2020 - Critical Thinking (3)	
RELS 2130 - Introduction to Religion (3)	
THEA 1100 - Theatre Appreciation (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements (27 hours at the 3000 level or above)	30 Hours
Specific Requirements (9 hours)	
ENGL 2131 - Introduction to Literary Studies (3)	
ENGL 4630 - Senior Seminar (3) <i>May be taken only after successfully completing eighteen (18) hours of upper division coursework</i>	
Select <u>one</u> of the following Single-Author courses:	
ENGL 4135 - Chaucer (3)	
ENGL 4337 - Shakespeare (3)	
ENGL 4435 - Single Author (3)	
ENGL 5434 - Milton (3)	
Select the appropriate number of course hours from each of the four (4) areas below	
AREA 1 (3-9 hours) <i>NOTE: May not overlap with hours taken for required single-author course listed above</i>	
ENGL 4135 - Chaucer (3)	
ENGL 4337 - Shakespeare (3)	
ENGL 5136 - Medieval British Literature (3)	
ENGL 5138 - Poetry and Prose of the English Renaissance (3)	
ENGL 5331 - British Drama to 1642 (3)	
ENGL 5434 - Milton (3)	
AREA 2 (3-9 hours)	
ENGL 4133 - The British Novel (3)	
ENGL 5131 - British Romantics (3)	
ENGL 5134 - British Literature 1660-1790 (3)	
ENGL 5139 - Victorian Prose and Poetry (3)	
ENGL 5332 - British Drama since 1660 (3)	
ENGL 5432 - 20th Century British Literature (3)	
AREA 3 (3-9 hours)	
ENGL 4237 - The American Novel (3)	
ENGL 5230 - Colonial American Literature (3)	
ENGL 5231 - American Romanticism (3)	
ENGL 5232 - American Realism (3)	
ENGL 5238 - Irish Women Writers (3)	
ENGL 5336 - 20th Century American Literature (3)	
AREA 4 (6-12 hours)	

- ENGL 3231 - Survey of African-American Literature (3)
- ENGL 3237 - Women and Literature (3)
- ENGL 3535 - Patterns in Film and Literature (3)
- ENGL 5090 - Selected Topics (3)
- ENGL 5135 - Teaching Literature to Middle Grades and High School Students (3)
- ENGL 5234 - Southern Literature (3)
- ENGL 5235 - Irish Literature to 1850 (3)
- ENGL 5236 - Irish Literature since 1850 (3)
- ENGL 5330 - World Drama to Romanticism (3)
- ENGL 5430 - Contemporary Poetry (3)
- ENGL 5438 - Modern Poetry to 1945 (3)
- ENGL 5530 - The Bible as Literature (3)
- ENGL 5533 - Literary Criticism and Theory (3)
- ENGL 5534 - Literature for Adolescents (3)
- ENGL 5535 - Children's Literature (3)
- ENGL 5536 - Post-Colonial Literature (3)
- ENGL 5538 - World Fiction Since 1900 (3)
- ENGL 5539 - Literature by Women (3)

Electives **15 Hours**
Minor - Required (Must be approved by advisor) **15 Hours**

ADVISEMENT: All English majors, including students in the UHP, are advised by advisors in the Newton Building.

PREREQUISITE(S):

- Students must take one of the British Literature surveys (ENGL 2231 or ENGL 2232) required as part of Area F and one of the American Literature surveys (ENGL 2331 or ENGL 2332) required as part of Area F before enrolling in upper division (3000 or above) courses.
- The second British Literature survey course required as part of Area F may be taken concurrently with upper division (3000 or above) courses and should be taken at the earliest opportunity in the student's course of study.
- ENGL 2131 - Introduction to Literary Studies (3) must be taken prior to or concurrent with upper division courses and should be taken at the earliest opportunity in the student's course of study.

OTHER PROGRAM REQUIREMENTS:

- Students must earn a minimum grade of "C" in freshman composition (ENGL 1101 and ENGL 1102), British Literature (ENGL 2231 or ENGL 2232), and American Literature (ENGL 2331 or ENGL 2332) before enrolling in upper-level English courses.
- Students must earn a minimum grade of "C" in all required courses and in all major courses.
- Majors must acquire from their advisors a copy of "Requirements for the Major in English".

GENERAL STUDIES B.G.S., 126 HOURS

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

The Bachelor of General Studies (B.G.S.) program 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 General 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.

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
<i>Courses appropriate to Concentration and minor programs of study, as approved by advisor</i>	
Health and Physical Education Activities	4 Hours
<i>HLTH 1520 - Healthful Living (2)</i>	
<i>Physical Education Activities (2)</i>	
Orientation	2 Hours
<i>FYE 1220 - First Year Seminar (2)</i>	
Major Requirements	51-54 Hours

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

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

Approved Concentrations

Africana Studies, American Studies, Asian Studies, Business, Communication Arts, Culture and Society, Education, Entrepreneurship, European Studies, French, Geographic Information Science, German, Environmental Sustainability, Graphic Communications Management, Humanities, Individual Emphasis, International Studies, Justice Studies, Latin American Studies, Linguistics, Religious Studies, Sociology, Southern Studies, Spanish, Technical Writing, Visual Communications Design, Women’s and Gender Studies, Writing

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

Electives

ADVISEMENT: The program is administered by the College of Liberal Arts and Social Sciences Advisement Center. Contact: CLASS Advisement Center at (912) 478-7740.

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).
- Students must choose concentrations and minors from different disciplines.

OTHER PROGRAM INFORMATION:

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

GENERAL STUDIES B.G.S., 126 HOURS (Online)

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

The Bachelor of General Studies (B.G.S.) Online program 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.G.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.

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
<i>Courses appropriate to Concentrations, as approved by advisor</i>	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	51-54 Hours

For the major, students may choose one of the following two options:

1. Three (3) concentrations of 18 hours each from the list of approved concentrations below;
2. Two (2) concentrations of 18 hours each from the list of approved concentrations below and one (1) 15-hour minor from the list of approved minors.

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

Approved Concentrations

Business, Justice Studies, Sociology, Writing

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

Approved Minors

Business, Justice Studies, Sociology, Writing

Note: Please check with B.G.S. advisor for detailed information on Approved Minors.

Electives	6-9 Hours
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ADVISEMENT: Advisement: The program is administered by the College of Liberal Arts and Social Sciences. Contact: Office of the BGS Director, (912) 478-7128 or (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).

GRAPHIC COMMUNICATIONS MANAGEMENT

B.S.Graph.Com., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

All Area F Courses must be completed with a minimum grade of "C".

- ART 1020 - Two Dimensional Design (3)
- BUSA 1105 - Introduction to Business (3)
- COMM 1110 - Principles of Public Speaking (3)
- GCM 1131 - Graphic Communications Technology (3)
- GCM 1321 - Desktop Publishing (2)
- GCM 1411 - Desktop Publishing Lab (1)
- 1 MATH, STAT or Programming Course (3)

Health and Physical Education Activities

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation

- FYE 1220 - First Year Seminar (2)

Major Requirements

Specific Requirements (35)

All Courses Listed as Specific Requirements must be completed with a minimum grade of "C".

- GCM 2332 - Bindery and Finishing (3)
- GCM 2412 - Bindery and Finishing Lab (1)
- GCM 2432 - Inks and Substrates (3)
- GCM 2512 - Desktop Publishing II Lab (1)
- GCM 2532 - Desktop Publishing II (3)
- GCM 2721 - Industrial Practicum (2)
- GCM 3231 - Print Media Processes (3)
- GCM 3735 - Graphic Communications Internship I (3)
- GCM 5234 - Color Reproduction (3)
- GCM 5314 - Color Reproduction Lab (1)
- GCM 5335 - Graphic Communications Management Topics (3)
- GCM 5535 - Estimating for Print Production (3)

Select two of the following production courses:

- GCM 4132 - Screen and Specialty Printing (3)
- GCM 5331 - Flexography (3)
- GCM 5434 - Lithographic Reproduction (3)
- GCM 5534 - Digital Output Applications (3)

Professional Electives and Graphic Communications Management Electives together must total 21 hours.

Professional Electives (9-12)

All courses listed are examples of "Professional Elective" and must be completed with a minimum grade of "C". A minor can be chosen to supplement the Graphic Communications Management curriculum. Courses required for the minor may be used to complete the professional elective requirements. Suggested minors or concentrations are: Visual Communications Design, Art, Management, Marketing, Industrial Management, Information Technology, Information Systems, or Industrial Safety and Environmental Compliance. Consult the Undergraduate and Graduate Catalog for guidelines on completing a chosen minor.

- ACCT 2030 - Survey of Accounting (3)
- ACCT 2101 - Financial Accounting (3)
- ACCT 2102 - Managerial Accounting (3)
- ART 1010 - Drawing I (3)
- ART 1030 - Three Dimensional Design (3)
- ART 2330 - Typography (3)
- ART 2331 - Visual Thinking in Graphic Design (3)
- BUSA 3131 - Business Statistics (3)
- LSTD 2106 - Legal Environment of Business (3)
- LSTD 3130 - International Trade Regulation (3)
- MGNT 3130 - Management and Industrial Behavior (3)
- MGNT 3134 - Behavior in Organizations (3)
- MGNT 3430 - Operations Management (3)
- MKTG 3131 - Principles of Marketing (3)
- MKTG 3132 - Principles of Advertising (3)
- MKTG 3133 - Professional Selling (3)

- MKTG 4133 - Sales Management (3)
- MKTG 4135 - Buyer Behavior (3)
- MKTG 4137 - Marketing Management (3)
- PSYC 3234 - Industrial/Organizational Psychology (3)
- TMAE 5134 - World Class Manufacturing (3)
- TMFG 3231 - Introduction to Industrial Management (3)
- TMFG 3232 - Applied Industrial Stats. and Quality Assurance (3)
- TSEC 5334 - Hazardous Waste Management (3)

Graphic Communications Management Electives (9-11)

All Courses Listed as Graphic Communications Management Electives must be completed with a minimum grade of "C".

- GCM 3110 - Instructional Assistance (1)
- GCM 3130 - Customer Service for Graphic Communications (3)
- GCM 4132 - Screen and Specialty Printing (3)
- GCM 4232 - Photo Prep for Reproduction (3)
- GCM 4736 - Graphic Communications Internship II (3)
- GCM 4899 - Independent Study (Max. 4)
- GCM 5090 - Selected Topics in Technology (1-3)
- GCM 5331 - Flexography (3)
- GCM 5332 - Multimedia Presentations (3)
- GCM 5334 - Imaging Systems (3)
- GCM 5434 - Lithographic Reproduction (3)
- GCM 5534 - Digital Output Applications (3)

Free Electives 4 Hours

ADVISEMENT: Every student enrolled in a degree program in the Betty Foy Sanders Department of Art is advised in the department. Contact the Betty Foy Sanders Department of Art Advising and Career Center, Room 2018, Center for Art and Theatre, (912) 478-5358, or visit: <http://class.georgiasouthern.edu/art> for advising details.

PROGRAM REQUIREMENTS:

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

GRAPHIC DESIGN B.F.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

ART 1010 - Drawing I (3)
 ART 1011 - Drawing II (3)
 ART 1020 - Two Dimensional Design (3)
 ART 1030 - Three Dimensional Design (3)
 ARTH 2531 - Art History I (3)
 ARTH 2532 - Art History II (3)

Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2) Physical Education Activities (2)	

Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	

Major Requirements	57 Hours
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Select 9 hours from the following upper division Art History courses:

ARTH 3231 - Modern Art History (3)
 ARTH 3251 - Dada and Surrealism Art History (3)
 ARTH 3261 - Italian Mannerism Art History (3)
 ARTH 3272 - Northern Renaissance Art History (3)
 ARTH 3282 - Pre-Columbian Art History (3)
 ARTH 3377 - Graphic Design Art History (3)
 ARTH 3435 - African Art History (3)
 ARTH 3436 - African American Art History (3)
 ARTH 3437 - American Art History (3)
 ARTH 3530 - Art and Architecture of the Ancient World (3)
 ARTH 3531 - Medieval Art History (3)
 ARTH 3532 - Italian Renaissance Art History (3)
 ARTH 3533 - Baroque and Rococo Art History (3)
 ARTH 3534 - 19th Century Art History (3)
 ARTH 4435 - Art History Travel Research (3)
 ARTH 4530 - 20th Century Art History (3)
 ARTH 4531 - Contemporary Art History (3)
 ARTH 4631 - Art History Seminar (3)

Select 15 hours from the following Exploratory Studio Art courses:

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

ART 1135 - Painting I (3)
 ART 1230 - Ceramics I (3)
 ART 1235 - Sculpture I (3)
 ART 1236 - Jewelry and Metalsmithing I (3)
 ART 1335 - Photographic Imaging I (3)
 ART 1430 - Print, Paper, Book Arts I (3)
 ART 2000 - Advanced Placement Studio (3)
 ART 3132 - Figure Drawing (3)
 ART 4590 - Selected Topics in Art (3)

Concentration Courses (33 hours):

ART 2330 - Typography 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 - Design Theories (3)
 ART 4889 - Graphic Design Portfolio (3)
 GCM 1321 - Desktop Publishing (2)
 GCM 1411 - Desktop Publishing Lab (1)

Select one of the following Graphic Design Electives courses:

- ART 3731 - Graphic Design Internship (3)
- ART 4333 - Publication Design (3)
- ART 4335 - Web Page Design (3)

Elective..... 3 Hours

ADVISEMENT: Every student enrolled in a degree program in the Betty Foy Sanders Department of Art is advised in the department. Contact the Betty Foy Sanders Department of Art Advising and Career Center, Room 2018, Center for Art and Theatre, (912) 478-5358, or visit: <http://class.georgiasouthern.edu/art> for advising details.

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 ART 2330 - Typography I (3) and ART 2331 - Visual Thinking in Graphic Design (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 ART 4889 - Portfolio Design (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.

FALL

- ART 2331 - Visual Thinking in Graphic Design (3)
- ART 3330 - New Media Design (3)
- ART 3331 - Design Methods (3)
- ART 3334 - Professional Practices (3)
- ART 4381 - Design Theories (3)

SPRING

- ART 2330 - Typography I (3)
- ART 3333 - Design Systems (3)
- ART 3338 - Typography II (3)
- ART 4889 - Portfolio Design (3)
- ARTH 3377 - Graphic Design Art History (3)

Alternating Electives:

- ART 3731 - Graphic Design Internship (3)
- ART 4333 - Publication Design (3)
- ART 4335 - Web Page Design (3)

- *Portfolio Review for admission into upper division courses in Graphic Design:*
When students have completed ART 2331 - Visual Thinking in Graphic Design (3) and ART 2330 - Typography I (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 ART 2331 - Visual Thinking in Graphic Design (3) and ART 2330 - Typography I (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 or Graphic Communications Management 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 or professional electives in the BS Graphic Communications Management 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.

HISTORY

B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
Foreign Language 2001 - Intermediate I (3)	
Foreign Language 2002 - Intermediate II (3)	
HIST 1111 - World History I (3)	
HIST 2630 - Historical Methods (3)	
Select <u>6-12 hours</u> from the following:	
ANTH 1102 - Introduction to Anthropology (3)	
GEOG 1130 - World Regional Geography (3)	
PHIL 2010 - Introduction to Philosophy (3)	
PSYC 1101 - Introduction to Psychology (3)	
RELS 2130 - Introduction to Religion (3)	
SOC 1101 - Introduction to Sociology (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	24 Hours
HIST 4635 - Senior Seminar (3)	
Select <u>seven</u> of the following: <i>At least nine (9) hours must include one course from each of the following three categories: (1) U.S. History</i>	
<i>(2) European History (3) "Non-western" History [African, Asian, Latin American, Middle Eastern, or Russian]</i>	
HIST 3130 - African American History to 1877 (3)	
HIST 3131 - African American History since 1877 (3)	
HIST 3132 - The Young Republic, 1788-1848 (3)	
HIST 3133 - U.S. Constitutional History (3)	
HIST 3134 - American Economic History (3)	
HIST 3135 - Rise of U.S. to World Power (3)	
HIST 3136 - U.S. as a Global Power, 1900-present (3)	
HIST 3137 - Topics in U.S. Women's History (3)	
HIST 3139 - History of Religion in the U.S. (3)	
HIST 3150 - The History of Vietnam, 236 B.C. to Present (3)	
HIST 3230 - American Military History (3)	
HIST 3231 - Introduction to Public History (3)	
HIST 3233 - The Early Church (3)	
HIST 3250 - The Muslim World to Tamerlane (3)	
HIST 3251 - The Muslim World Since Genghis Khan (3)	
HIST 3330 - History of Greece (3)	
HIST 3331 - History of Rome (3)	
HIST 3332 - Late Antiquity (3)	
HIST 3333 - The Middle Ages (3)	
HIST 3334 - Christian Europe 450-1750 (3)	
HIST 3337 - Europe, 1914-1945 (3)	
HIST 3338 - Contemporary Europe (3)	
HIST 3430 - History of England to 1603 (3)	
HIST 3431 - History of England since 1603 (3)	
HIST 3432 - Germany: 1648 to the Present (3)	
HIST 3434 - Modern European Thought (3)	
HIST 3435 - Scientific Revolution (3)	
HIST 3436 - The Holocaust (3)	
HIST 3530 - History of Africa to 1800 (3)	
HIST 3531 - History of Africa since 1800 (3)	
HIST 3532 - The Modern Middle East (3)	
HIST 3533 - Modern Eastern Europe (3)	
HIST 3534 - Modern Southeast Asia (3)	
HIST 3536 - Russia to 1917 (3)	
HIST 3537 - Colonial Latin America (3)	
HIST 3538 - Modern Latin America (3)	

- HIST 3630H - History Honors Seminar (3)
- HIST 4130 - Georgia History (3)
- HIST 4131 - American Biography (3)
- HIST 4132 - Recent America: U.S. Since 1945 (3)
- HIST 4133 - U.S. Diplomacy: The Cold War (3)
- HIST 4134 - The Civil Rights Movement (3)
- HIST 4135 - The United States in the 1960's (3)
- HIST 4230 - The Renaissance (3)
- HIST 4333 - The Colonial Experience I: Europe (3)
- HIST 4335 - The "Woman Question" in Europe (3)
- HIST 4336 - Science and Religion (3)
- HIST 4337 - Technology and the Historian (3)
- HIST 4431 - Invasion of the Americas: Contact, Encounter and Colonization in Early America (3)
- HIST 4432 - Early American History (3)
- HIST 4530 - Revelation and Revolution (3)
- HIST 4531 - World War I (3)
- HIST 4532 - The Destruction of Slavery (3)
- HIST 4533 - The History of Flight (3)
- HIST 4534 - Dinosaurs and Extinction (3)
- HIST 4635 - Senior Seminar (3)
- HIST 4690 - Senior Thesis (3)
- HIST 4790 - Internship in History (1-9)
- HIST 5130 - American Indian History (3)
- HIST 5133 - Revolutionary America (3)
- HIST 5134 - The Civil War and Reconstruction (3)
- HIST 5137 - The Antebellum South (3)
- HIST 5138 - The New South (3)
- HIST 5230 - Advertising and Culture (3)
- HIST 5231 - Legal History of the U.S. (3)
- HIST 5232 - Working-Class History in the United States (3)
- HIST 5233 - The American City (3)
- HIST 5234 - Piracy in the Americas, 1500-1750 (3)
- HIST 5331 - The Age of Chivalry (3)
- HIST 5332 - The Reformation (3)
- HIST 5335 - World War II (3)
- HIST 5336 - Revolutionary France (3)
- HIST 5339 - Modern Britain (3)
- HIST 5430 - Modern France (3)
- HIST 5431 - Advanced Topics in Public History (3)
- HIST 5530 - 20th Century Russia (3)
- HIST 5531 - Modern Japan (3)
- HIST 5532 - Modern China (3)
- HIST 5533 - Economic Rivals: US-EC-Japan (3)

Minor - Required. Must be approved by advisor 15 Hours
Electives 21 Hours

ADVISEMENT: All History majors, including students in the UHP, are advised by advisors in the Forrest Drive Building.

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 126 hours required for graduation.

HONORS IN HISTORY

To graduate with Honors in History, a student must:

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

JOURNALISM B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
COMM 1110 - Principles of Public Speaking (3) <i>(Required)</i>	
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
CISM 1110 - Computer Applications (2) and CISM 1120 - Computer Concepts (1) <i>(Required)</i>	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ART 2233 - Computer Graphics (3)	
COMM 2332 - Media and Society (3)	
COMS 2330 - Introduction to Communication Research (3) OR HIST 2630 - Historical Methods (3)	
JOUR 2331 - Introduction to Journalism (3)	
IT 1430 - Web Page Development (3)	
Select <u>one</u> of the following:	
Foreign Language - through 2001 (3)	
Significant International Content Course (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	27 Hours
COMM 4333 - Theories of Mass Communications (3) OR JOUR 3530 - Media Ethics (3)	
IT 3132 - Web Software (3)	
JOUR 3331 - News Reporting and Writing (3)	
JOUR 3334 - Broadcast News (3)	
JOUR 3335 - Copy Editing (3)	
JOUR 3337 - Law and Ethics of Mass Communication (3)	
JOUR 3631 - Fundamentals of Multimedia Production (3)	
JOUR 4333 - Opinion Journalism (3)	
JOUR 4335 - Investigative Journalism (3)	
Major Electives	12 Hours
Select <u>four</u> upper-division Journalism electives	
CLASS Specialization	21 Hours
Select a minimum of 21 elective hours within CLASS, to include a minimum of 6 upper-division elective hours in one discipline within CLASS	

ADVISEMENT: All "Pre-Communication Arts" and Journalism majors are advised in the Department of Communication Arts, Veazey Hall, (912) 478-5138. Students in the University Honors Program (UHP) are also advised in the Department.

PROGRAM ADMISSION CRITERIA:

- Students must score a 70 percent or higher on the Grammar Proficiency Exam or earn a "C" or higher grade in WRIT 3430 to earn major status.
- Students must have a total institution GPA of 2.35 and 30 earned hours to become a major in this Communication Arts program.
- Students with fewer than 30 hours and/or less than 2.35 total institution GPA will be considered "Pre-Communication Arts" students and advised in the CLASS Advisement Center.

OTHER PROGRAM REQUIREMENTS:

- Students must make a minimum grade of "C" in each Communication Arts class to receive credit for that course.
- "Pre-Communication Arts" students cannot take upper division Communication Arts classes for credit.

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 UHON 4191 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.

JUSTICE STUDIES B.S.J.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

CRJU 1100 - Introduction to Criminal Justice (3)

CRJU 2131 - Justice and Ethics (3)

PSYC 1101 - Introduction to Psychology (3)

SOCI 1101 - Introduction to Sociology (3)

STAT 2231 - Introduction to Statistics (3)

Select 3 hours from the following:

ANTH 1102 - Introduction to Anthropology (3)

CISM 1110 - Computer Applications (1) and CISM 1120 - Computer Concepts (2)

COMM 1110 - Principles of Public Speaking (3)

Foreign Language 1001 - Elementary I (3) **OR** Foreign Language 1002 - Elementary II (3)

Foreign Language 2001 - Intermediate I (3) **OR** Foreign Language 2002 - Intermediate II (3)

GEOG 1130 - World Regional Geography (3)

INTS 2130 - Introduction to International Studies (3)

PHIL 2010 - Introduction to Philosophy (3)

PHIL 2020 - Critical Thinking (3)

POLS 2101 - Introduction to Political Science (3)

If any required Area F courses are taken to satisfy other areas of the core, select from the courses listed above.

Health and Physical Education Activities

HLTH 1520 - Healthful Living (2)

Physical Education Activities (2)

Orientation

FYE 1220 - First Year Seminar (2)

Major Requirements

Major Courses: (21 hours)

CRJU 3230 - Policing (3)

CRJU 3331 - Corrections (3)

CRJU 4032 - Criminal Behavior (3)

CRJU 4231 - Justice Studies Research Methods (3) **OR** POLS 2130 - Scope and Methods (3) **OR** SOCI 3434 - Social Research Methods (3)

CRJU 4531 - Comparative World Justice Systems (3)

CRJU 4632 - Senior Seminar in Justice Studies (3) **OR** CRJU 4792 - Internship in Justice Studies (3)

POLS/CRJU 3137 - Judicial Process (3)

Select 15 hours from the following Upper Division courses:

CRJU 3131 - Criminal Law (3)

CRJU 3133 - Criminal Procedure (3)

CRJU 3134 - Investigations (3)

CRJU 3431 - Juvenile Justice (3)

CRJU 3531 - Victimology (3)

CRJU 3532 - Organized Criminality (3)

CRJU 3533 - Crimes Against Vulnerable Populations (3)

CRJU 3631 - Crime and Justice in Public Policy (3)

CRJU 3632 - The Death Penalty (3)

CRJU 3731 - Crimes Against Humanity (3)

CRJU 3732 - Conflict Resolution (3)

CRJU 3733 - Equality, Crime and Justice (3)

CRJU 3831 - Popular Culture and Justice (3)

CRJU 3931 - Issues in Homeland Security (3)

CRJU 4031 - Counseling and Supervising Offenders (3)

CRJU 4135 - Directed Study in Justice Studies (3)

CRJU 4192 - Special Topics (1-3)

CRJU 4733 - Theories of Justice (3)

CRJU 4792 - Internship in Justice Studies (3)

CRJU 4830 - Justice Administration (3)

Select 9 hours from the following Multidisciplinary courses: *Students are required to take a total of 9 hours related to Diversity, Human Behavior, and Institutional Processes; at least one course is required from each of those areas.*

Diversity: (at least one course required from this area)

- ANTH 3331 - Cultural Anthropology (3)
- ANTH 5331 - Gender and Anthropology (3)
- ANTH 5431 - North American Indians (3)
- COMS 3333 - Communication and Gender (3)
- COMS 3339 - Intercultural Communications (3)
- ENGL 3231 - Survey of African American Literature (3)
- GEOG 3530 - Cultural Geography (3)
- HIST 3130 - African American History to 1877 (3)
- HIST 3131 - African American History since 1877 (3)
- HIST 3137 - Topics in U.S. Women's History (3)
- HIST 3532 - The Modern Middle East (3)
- HIST 3534 - Modern Southeast Asia (3)
- HIST 3538 - Modern Latin America (3)
- HIST 4134 - The Civil Rights Movement (3)
- INTS 3130 - Contemporary World Cultures (3)
- PHIL 4130 - Feminist Philosophy (3)
- POLS 3139 - Constitutional Law II (3)
- POLS 3235 - Gender and Politics (3)
- POLS 3237 - African American Politics (3)
- POLS 3335 - Politics of Ethnicity (3)
- PSYC 3232 - Psychology of Gender (3)
- POLS 3133 - Latin American Politics (3)
- SOCI 4332 - Sociology of Gender (3)
- SOCI 4431 - Inequality (3)
- SOCI 5333 - Race and Ethnicity (3)

Human Behavior: (at least one course required from this area)

- ANTH 3531 - Biological Anthropology (3)
- HLTH 3130 - Substance Use and Abuse (3)
- POLS 4138 - International Terrorism (3)
- SOCI 3333 - Deviant Behavior (3)
- PSYC 3235 - Behavior Modification (3)
- PSYC 3236 - Psychology of Substance Abuse (3)
- PSYC 3330 - Abnormal Psychology (3)
- PSYC 3334 - Social Psychology (3)
- PSYC 3335 - Personality Psychology (3)
- PSYC 4430 - Cognitive Psychology (3)
- PSYC 4431 - Motivation and Emotion (3)
- SOCI 4335 - Self and Society (3)

Institutional Processes: (at least one course required from this area)

- COMS 3334 - Communicating in the Workplace (3)
- COMS 4338 - Organizational Communications (3)
- LING 3337 - Language, Power, and Politics (3)
- LSTD 3630 - White Collar Crime (3)
- LSTD 3631 - Fraud and the Law (3)
- MGNT 3130 - Principles of Management (3)
- PHIL 3232 - Philosophy of Law (3)
- POLS 3138 - Constitutional Law I (3)
- POLS 3233 - Politics and the Media (3)
- POLS 3330 - State and Local Government (3)
- POLS 3331 - Introduction to Public Administration (3)
- PSYC 3234 - Industrial/Organizational Psychology (3)
- SOCI 3336 - Social Problems (3)
- SOCI 4231 - Child Welfare and Family Services (3)
- SOCI 4232 - Social Welfare Policy and Services (3)
- SOCI 4334 - Organizations (3)
- SOCI 5132 - Sociology of Community (3)
- SOCI 5138 - Sociology of Family (3)

Electives 15 Hours

(A maximum of 9 hours of internship may be taken.)

ADVISEMENT: All Justice Studies majors, including students in the UHP, are advised by advisors in the Carroll Building.

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.

HONORS IN JUSTICE STUDIES

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

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of UHON 4191 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.

MODERN LANGUAGES SUGGESTED CHRONOLOGY

NOTE REGARDING COURSE ROTATION: Please note that for the Modern Languages major, specific courses are not required; rather, courses at specific levels are required. Therefore, the course rotation consists of courses at a particular level not of particular courses. In order to graduate, students need to take or place out of the basic language sequence (1001, 1002, 2001, 2002). The major courses consist of eight upper-division courses, at least three of which should be at the 4000 level or above. In French and German, two upper-division courses are offered each semester; at least once a year, a 4000-level course is also offered. In Spanish, many 3000-level courses and at least one 4000-level (and one 5000-level, which substitutes for a 4000-level) are offered each semester. Students should plan to take the courses that are offered each semester.

This suggested chronology shows one example of how an incoming freshman with no prior foreign language might complete the Modern Languages degree in four years. **Note that students with prior foreign language experience may be able to complete the degree (much) more quickly.**

Please note, also, that **Study Abroad** is strongly encouraged for Modern Languages majors and is advisable for all Georgia Southern students. To calculate how study abroad might fit into this suggested chronology, please visit with an advisor in the Department of Foreign Languages or in International Studies.

Note: "Foreign Language" represents any of FREN, GRMN, or SPAN.

FIRST YEAR

Fall - 16 Hours

ENGL 1101 - Composition I (3) (Area A1)
Foreign Language 1001 - Elementary I (3) (Counts for Area F)
FYE 1220 - First Year Seminar (2) (Additional Core Requirements)
KINS - Physical Activity (1) (Additional Core Requirements)
MATH (3) (Area A2)
Natural Sciences, Mathematics, and Technology (4) (Area D with lab)

Spring - 16 Hours

ENGL 1102 - Composition II (3) (Area A1)
Foreign Language 1002 - Elementary II (3) (Counts for Area F)
FYE 1410 - Global Citizens (1) (Area B)
HIST 1112 - World History II (3) (Area B)
HLTH 1520 - Healthful Living (2) (Additional Core Requirements)
Natural Sciences, Mathematics, and Technology (4) (Area D with lab)

SECOND YEAR

Fall - 16 Hours

Additional Area F (3)
Foreign Language 2001 - Intermediate I (3) (Counts for Area F)
Humanities, Fine Arts, and Ethics Elective (3) (Area C - not Foreign Language)
KINS - Physical Activity (1) (Additional Core Requirements)
Natural Sciences, Mathematics, and Technology (4) (Area D with lab)
Social Sciences (3) (Area E)

Spring - 18 Hours

Additional Area F (3)
Foreign Language 2002 - Intermediate II (3) (Counts for Area F)
Humanities, Fine Arts, and Ethics Elective (3) (Area C - not Foreign Language)
Minor/2nd Major Course (3)
Minor/2nd Major Course (3)
Social Sciences (3) (Area E)

THIRD YEAR

Fall - 15 Hours

Foreign Language 3000 Level (3)
Foreign Language 3000 Level (3)
Minor/2nd Major Course (3)
Minor/2nd Major Course (3)
Minor/2nd Major Course (3)

Spring - 15 Hours

Foreign Language 3000 Level (3)
Foreign Language 3000 Level (3)
Minor/2nd Major Course (3)
Minor/2nd Major Course (3)
Minor/2nd Major/Elective Course (3)

FOURTH YEAR**Fall - 15 Hours**

Foreign Language 3000 Level (3)
Foreign Language 4000 Level (3)
Minor/2nd Major/Elective Course (3)
Minor/2nd Major/Elective Course (3)
Minor/2nd Major/Elective Course (3)

Spring - 15 Hours

Foreign Language 4000 Level (3)
Foreign Language 4000/5000 Level (3)
Minor/2nd Major/Elective Course (3)
Minor/2nd Major/Elective Course (3)
Minor/2nd Major/Elective Course (3)
Complete Proficiency Exams, Portfolio, Survey

Note: This suggested chronology is designed as a guide for students planning their course selections. The information on this page provides only a suggested schedule. Actual course selections should be made with the advice of an academic advisor. This suggested chronology is not considered a legal substitute for the University Catalog. Students should become familiar with the catalog that they will use to define their graduation requirements.

MODERN LANGUAGES B.A., 126 HOURS (Concentration In French)

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

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Required: (0-6 hours)

- FREN 2001 - Intermediate French I (3) or equivalent
- FREN 2002 - Intermediate French II (3) or equivalent
- FREN 2060 - Accelerated Intermediate French (6) or equivalent

Elective Courses (12-18 hours):

- ANTH 1102 - Introduction to Anthropology (3)
- ARAB 1001 - Elementary Arabic I (3) and ARAB 1002 - Elementary Arabic II (3)
- ARTH 2531 - Art History I (3)
- ARTH 2532 - Art History II (3)
- CHIN 1001 - Elementary Chinese I (3) and CHIN 1002 - Elementary Chinese II (3)
- COML 2531 - Crossing Borders (3)
- COMM 1100 - Introduction to Human Communications (3)
- ENGL 2111 - World Literature I (3)
- ENGL 2112 - World Literature II (3)
- FILM 2331 - Introduction to Film (3)
- FREN 1001 - Elementary French I (3) and FREN 1002 - Elementary French II (3)
- FREN 1060 - Accelerated Elementary French (6)
- GEOG 1130 - World Regional Geography (3)
- GRMN 1001 - Elementary German I (3) and GRMN 1002 - Elementary German II (3)
- GRMN 1060 - Accelerated Elementary German (6)
- HIST 1111 - World History I (3)
- HUMN 2321 - Humanities I (3)
- HUMN 2322 - Humanities II (3)
- INTS 2130 - Introduction to International Studies (3)
- JAPN 1001 - Elementary Japanese I (3) and JAPN 1002 - Elementary Japanese II (3)
- JAPN 1060 - Accelerated Elementary Japanese (6)
- LATN 1001 - Elementary Latin I (3) and LATN 1002 - Elementary Latin II (3)
- LATN 1060 - Accelerated Elementary Latin (6)
- MUSC 1100 - Music Appreciation (3)
- PHIL 2010 - Introduction to Philosophy (3)
- PSYC 1101 - Introduction to Psychology (3)
- RELS 2130 - Introduction to Religion (3)
- SOCI 1101 - Introduction to Sociology (3)
- SPAN 1001 - Elementary Spanish I (3) and SPAN 1002 - Elementary Spanish II (3)
- SPAN 1060 - Accelerated Elementary Spanish (6)
- THEA 1100 - Theatre Appreciation (3)
- YORU 1001 - Elementary Yoruba I (3) and YORU 1002 - Elementary Yoruba II (3)

Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	

Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	

Major Requirements	24 Hours
24 upper-division hours in FREN, at least 9 of which must be at the 4000 level. (See Course Descriptions for specific course prerequisites.)	

Minor or second major required (hours will vary according to minor or second major)15-30 Hours

Free Electives as needed to complete 126 total hours (advisor approved)6-21 Hours

ADVISEMENT: All Modern Languages majors, including students in the UHP, are advised by advisors in the Forrest Drive Building.

OTHER PROGRAM REQUIREMENTS:

- Students must earn a minimum grade of “C” in each course in French.
- At least 39 of the 126 hours must be upper-division.

MODERN LANGUAGES

B.A., 126 HOURS

(Concentration In German)

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

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Required: (0-6)

- GRMN 2001 - Intermediate GRMN I (3) or equivalent
- GRMN 2002 - Intermediate GRMN II (3) or equivalent
- GRMN 2060 - Accelerated Intermediate German (6) or equivalent

Elective Courses: (12-18 hours)

- ANTH 1102 - Introduction to Anthropology (3)
- ARAB 1001 - Elementary Arabic I (3) and ARAB 1002 - Elementary Arabic II (3)
- ARTH 2531 - Art History I (3)
- ARTH 2532 - Art History II (3)
- CHIN 1001 - Elementary Chinese I (3) and CHIN 1002 - Elementary Chinese II (3)
- COML 2531 - Crossing Borders (3)
- COMM 1100 - Introduction to Human Communications (3)
- ENGL 2111 - World Literature I (3)
- ENGL 2112 - World Literature II (3)
- FILM 2331 - Introduction to Film (3)
- FREN 1001 - Elementary French I (3) and FREN 1002 - Elementary French II (3)
- FREN 1060 - Accelerated Elementary French (6)
- GEOG 1130 - World Regional Geography (3)
- GRMN 1001 - Elementary German I (3) and GRMN 1002 - Elementary German II (3)
- GRMN 1060 - Accelerated Elementary German (6)
- HIST 1111 - World History I (3)
- HUMN 2321 - Humanities I (3)
- HUMN 2322 - Humanities II (3)
- INTS 2130 - Introduction to International Studies (3)
- JAPN 1001 - Elementary Japanese I (3) and JAPN 1002 - Elementary Japanese II (3)
- JAPN 1060 - Accelerated Elementary Japanese (6)
- LATN 1001 - Elementary Latin I (3) and LATN 1002 - Elementary Latin II (3)
- LATN 1060 - Accelerated Elementary Latin (6)
- MUSC 1100 - Music Appreciation (3)
- PHIL 1030 - Introduction to Philosophy (3)
- PSYC 1101 - Introduction to Psychology (3)
- RELS 2130 - Introduction to Religion (3)
- SOCI 1101 - Introduction to Sociology (3)
- SPAN 1001 - Elementary Spanish I (3) and SPAN 1002 - Elementary Spanish II (3)
- SPAN 1060 - Accelerated Elementary Spanish (6)
- THEA 1100 - Theatre Appreciation (3)
- YORU 1001 - Elementary Yoruba I (3) and YORU 1002 - Elementary Yoruba II (3)

Health and Physical Education Activities **4 Hours**

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation **2 Hours**

- FYE 1220 - First Year Seminar (2)

Major Requirements **24 Hours**

- 24 upper-division hours in GRMN, at least 9 of which must be at the 4000 level. (See Course Descriptions for specific course prerequisites.)

Minor or second major required (hours will vary according to minor or second major) **15-30 Hours**

Free Electives as needed to complete 126 total hours (advisor approved) **6-21 Hours**

ADVISEMENT: All Modern Languages majors, including students in the UHP, are advised by advisors in the Forrest Drive Building.

OTHER PROGRAM REQUIREMENTS:

- Students must earn a minimum grade of “C” in each course in German.
- At least 39 of the 126 hours must be upper-division.

MODERN LANGUAGES B.A., 126 HOURS (Concentration in Spanish)

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

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Required: (0-6 hours)

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

Elective Courses (12-18 hours):

- ANTH 1102 - Introduction to Anthropology (3)
- ARAB 1001 - Elementary Arabic I (3) and ARAB 1002 - Elementary Arabic II (3)
- ARTH 2531 - Art History I (3)
- ARTH 2532 - Art History II (3)
- CHIN 1001 - Elementary Chinese I (3) and CHIN 1002 - Elementary Chinese II (3)
- COML 2531 - Crossing Borders (3)
- COMM 1100 - Introduction to Human Communications (3)
- ENGL 2111 - World Literature I (3)
- ENGL 2112 - World Literature II (3)
- FILM 2331 - Introduction to Film (3)
- FREN 1001 - Elementary French I (3) and FREN 1002 - Elementary French II (3)
- FREN 1060 - Accelerated Elementary French (6)
- GEOG 1130 - World Regional Geography (3)
- GRMN 1001 - Elementary German I (3) and GRMN 1002 - Elementary German II (3)
- GRMN 1060 - Accelerated Elementary German (6)
- HIST 1111 - World History I (3)
- HUMN 2321 - Humanities I (3)
- HUMN 2322 - Humanities II (3)
- INTS 2130 - Introduction to International Studies (3)
- JAPN 1001 - Elementary Japanese I (3) and JAPN 1002 - Elementary Japanese II (3)
- JAPN 1060 - Accelerated Elementary Japanese (6)
- LATN 1001 - Elementary Latin I (3) and LATN 1002 - Elementary Latin II (3)
- LATN 1060 - Accelerated Elementary Latin (6)
- MUSC 1100 - Music Appreciation (3)
- PHIL 2010 - Introduction to Philosophy (3)
- PSYC 1101 - Introduction to Psychology (3)
- RELS 2130 - Introduction to Religion (3)
- SOCI 1101 - Introduction to Sociology (3)
- SPAN 1001 - Elementary Spanish I (3) and SPAN 1002 - Elementary Spanish II (3)
- SPAN 1060 - Accelerated Elementary Spanish (6)
- THEA 1100 - Theatre Appreciation (3)
- YORU 1001 - Elementary Yoruba I (3) and YORU 1002 - Elementary Yoruba II (3)

Health and Physical Education Activities **4 Hours**

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation **2 Hours**

- FYE 1220 - First Year Seminar (2)

Major Requirements **24 Hours**

24 upper-division hours in SPAN, at least 9 of which must be at the 4000 level or above. (See Course Descriptions for specific course prerequisites.)

Minor or second major required (hours will vary according to minor or second major) **15-30 Hours**

Free Electives as needed to complete 126 total hours (advisor approved) **6-21 Hours**

ADVICE: All Modern Languages majors, including students in the UHP, are advised by advisors in the Forrest Drive Building.

OTHER PROGRAM REQUIREMENTS:

- Students must earn a minimum grade of “C” in each course in Spanish.
- At least 39 of the 126 hours must be upper-division.

MULTIMEDIA COMMUNICATION

B.S., 126 HOURS

(Digital Filmmaking Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
COMM 1110 - Principles of Public Speaking (3) <i>(Required)</i>	
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
CISM 1110 - Computer Applications (2) and CISM 1120 - Computer Concepts (1) <i>(Required)</i>	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to the Major	18 Hours
ART 1020 - Two Dimensional Design (3)	
COMM 2332 - Media and Society (3)	
FILM 2331 - Introduction to Filmmaking (3)	
FILM/WRIT 2531- Introduction to Screenwriting (3)	
IT 1430- Web Page Development (3)	
Select <u>one</u> of the following:	
Foreign Language - through 2001 (3)	
Significant International Content Course (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	39 Hours
COMM 4333 - Theories of Mass Communication (3) OR MMC/JOUR 3530 - Media Ethics (3)	
FILM 3331 - American History of Film (3)	
FILM 4090 - Digital Filmmaking Applications (2)	
FILM 4910 - Digital Filmmaking Capstone (1)	
MMC 3430 - Media Management and Sales (3)	
MMC 3434 - Introduction to Digital Filmmaking (3)	
MMC/JOUR 3337 - Media Law and Ethics (3)	
MMC 4134 - Advanced Digital Filmmaking (3)	
Choose <u>one</u> upper division Film Studies course (3)	
Select <u>five</u> major electives from the list below:	
<u>Major Electives</u>	
COMM 3331 - Media Criticism (3)	
COMM 4331 - Gender, Media and Representation (3)	
FILM 3531 - Advanced Screenwriting (3)	
MMC 3234 - Directing Actors for Screen (3)	
MMC 3331 - Audio Production and Announcing (3)	
MMC 3332 - Studio Video Production (3)	
MMC/INTS/JOUR 3336 - International Media Systems (3)	
MMC 3830 - Multimedia Sound Design (3)	
MMC 4030 - Special Multimedia Topics (3)	
MMC 4135 - Advanced Lighting and Cinematography (3)	
MMC 4331 - Specialized Audio Topics (3)	
MMC 4337 - Digital Video Editing (3)	
*MMC 4791 - Multimedia Communication Internship (3)	
THEA 3331 - Advanced Stagecraft (3) <i>(prerequisite THEA 2332)</i>	
Upper Division Film Studies Course (3)	
Electives	21 Hours
Select course work from departments within CLASS (Minor encouraged), with advisor approval.	

ADVISEMENT: All "Pre-Communication Arts" and Multimedia Communication majors are advised in the Department of Communication Arts, Veazey Hall, (912) 478-5138. Students in the University Honors Program (UHP) are also advised in the Department.

PROGRAM ADMISSION CRITERIA:

- Students must have a total institution GPA of 2.50 and score a 70 percent or higher grade on the Grammar Proficiency Exam or earn a "C" or higher grade in WRIT 3430 and 30 earned hours to become a major in this Communication Arts program.

OTHER PROGRAM REQUIREMENTS

- Students must make a minimum grade of "C" in each Communication Arts class to receive credit for that course.
- "Pre-Communication Arts" students cannot take upper division Communication Arts classes for credit.

** A total institution GPA of 2.75 is required to register for internship credit. A maximum of 3 hours of internship credit can be applied to major requirements. The deadlines for applying for MMC 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 MMC Internship Coordinator.*

HONORS IN MULTIMEDIA COMMUNICATION

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

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of UHON 4191 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.

MULTIMEDIA COMMUNICATION

B.S., 126 HOURS

(Information Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
COMM 1110 - Principles of Public Speaking (3) <i>(Required)</i>	
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
CISM 1110 - Computer Applications (2) and CISM 1120 - Computer Concepts (1) <i>(Required)</i>	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to the Major	18 Hours
ART 2233 - Computer Graphics (3)	
COMM 2332 - Media and Society (3)	
COMS 2330 - Introduction to Communication Research (3)	
IT 1430 - Web Page Development (3)	
JOUR 2331 - Introduction to Journalism (3)	
Select <u>one</u> of the following:	
Foreign Language - through 2001 (3)	
Significant International Content Course (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	38 Hours
COMM 4333 - Theories of Mass Communication (3) OR MMC/JOUR 3530 - Media Ethics (3)	
IT 3132 - Web Software (3)	
JOUR 3331 - News Reporting and Writing (3)	
MMC 2110 - Broadcast Technologies (1)	
MMC 3331 - Audio Production & Announcing (3) OR MMC 3830 - Multimedia Sound Design (3)	
MMC/JOUR 3334 - Broadcast News (3)	
MMC/JOUR 3337 - Media Law and Ethics (3)	
MMC 3339 - Field Video Production & Editing (3)	
MMC 4090 - Broadcast Applications (3) <i>(1 hour and 2 hour; total 3 hours)</i>	
MMC 4910 - Multimedia Capstone (1)	
Select <u>four</u> of the following:	
COMM 3331 - Media Criticism (3)	
GCM 5332 - Multimedia Presentations (3)	
JOUR 3333 - Photojournalism (3)	
JOUR 4335 - Investigative Journalism (3)	
MMC/JOUR/INTS 3336 - International Media Systems (3)	
MMC/JOUR 3430 - Media Management and Sales (3)	
MMC/AMST/JOUR 4331 - History of Mass Communication (3)	
MMC 4332 - Specialized Video Production Topics (3)	
MMC 4334 - Specialized Audio Production Topics (3)	
MMC 4337 - Digital Video Editing (3)	
*MMC 4791 - Multimedia Communication Internship (3)	
MMC 4891 - Directed Study (3)	
Electives	22 Hours
Course work from departments within CLASS (Minor encouraged), with advisor approval	

ADVISEMENT: All "Pre-Communication Arts" and Multimedia Communication majors are advised in the Department of Communication Arts, Veazey Hall, (912) 478-5138. Students in the University Honors Program (UHP) are also advised in the Department.

PROGRAM ADMISSION CRITERIA:

- Students must have a total institution GPA of 2.50 and score a 70 percent or higher grade on the Grammar Proficiency Exam or earn a "C" or higher grade in WRIT 3430 and 30 earned hours to become a major in this Communication Arts program.

OTHER PROGRAM REQUIREMENTS

- Students must make a minimum grade of "C" in each Communication Arts class to receive credit for that course.
- "Pre-Communication Arts" students cannot take upper division Communication Arts classes for credit.

* A total institution GPA of 2.75 is required to register for internship credit. A maximum of 3 hours of internship credit can be applied to major requirements. The deadlines for applying for MMC 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 MMC Internship Coordinator.

HONORS IN MULTIMEDIA COMMUNICATION

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

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of UHON 4191 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.

MULTIMEDIA COMMUNICATION

B.S., 126 HOURS

(Production Emphasis)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
COMM 1110 - Principles of Public Speaking (3) <i>(Required)</i>	
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
CISM 1110 - Computer Applications (2) and CISM 1120 - Computer Concepts (1) <i>(Required)</i>	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to the Major	18 Hours
ART 2233 - Computer Graphics (3)	
COMM 2332 - Media and Society (3)	
COMS 2330 - Introduction to Communication Research (3)	
IT 1430 - Web Page Development (3)	
MMC 2335 - Introduction to Media Writing (3)	
Select <u>one</u> of the following:	
Foreign Language - through 2001 (3)	
Significant International Content Course (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	38 Hours
COMM 4333 - Theories of Mass Communication (3) OR MMC/JOUR 3530 - Media Ethics (3)	
IT 3132 - Web Software (3)	
MMC 2110 - Broadcast Technologies (1)	
MMC 3331 - Audio Production & Announcing (3) OR MMC 3830 - Multimedia Sound Design (3)	
MMC 3332 - Studio Video Production (3)	
MMC/JOUR 3337 - Media Law and Ethics (3)	
MMC 3339 - Field Video Production & Editing (3)	
MMC/JOUR 3430 - Media Management and Sales (3)	
MMC 4090 - Broadcast Applications (3) <i>(1 hour and 2 hour; total 3 hours)</i>	
MMC 4910 - Multimedia Capstone (1)	
Select <u>four</u> of the following:	
COMM 3331 - Media Criticism (3)	
COMM 4331 - Gender, Media and Representation (3)	
GCM 5332 - Multimedia Presentations (3)	
MMC/JOUR 3334 - Broadcast News (3)	
MMC/JOUR/INTS 3336 - International Media Systems (3)	
MMC/FILM 3434 - Introduction to Digital Filmmaking (3)	
MMC 4135 - Advanced Lighting Techniques (3)	
MMC/JOUR/AMST 4331 - History of Mass Communication (3)	
MMC 4332 - Specialized Video Production Topics (3)	
MMC 4334 - Specialized Audio Production Topics (3)	
MMC 4337 - Digital Video Editing (3)	
*MMC 4791 - Multimedia Communication Internship (3)	
MMC 4891 - Directed Study (3)	
Electives	22 Hours
Course work from departments within CLASS (Minor encouraged), with advisor approval	

ADVISEMENT: All "Pre-Communication Arts" and Multimedia Communication majors are advised in the Department of Communication Arts, Veazey Hall, (912) 478-5138. Students in the University Honors Program (UHP) are also advised in the Department.

PROGRAM ADMISSION CRITERIA:

- Students must have a total institution GPA of 2.50 and score a 70 percent or higher grade on the Grammar Proficiency Exam or earn a "C" or higher grade in WRIT 3430 and 30 earned hours to become a major in this Communication Arts program.

OTHER PROGRAM REQUIREMENTS

- Students must make a minimum grade of "C" in each Communication Arts class to receive credit for that course.
- "Pre-Communication Arts" students cannot take upper division Communication Arts classes for credit.

* A total institution GPA of 2.75 is required to register for internship credit. A maximum of 3 hours of internship credit can be applied to major requirements. The deadlines for applying for MMC 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 MMC Internship Coordinator.

HONORS IN MULTIMEDIA COMMUNICATION

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

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of UHON 4191 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.

DEPARTMENT OF MUSIC

DEPARTMENT OF MUSIC MISSION STATEMENT

The Department of Music actively embraces Georgia Southern University's primary goal of excellence in teaching. Our professional faculty places the highest priority on nurturing students through academic, applied, and ensemble course work and thoughtful advisement while remaining engaged in creative activity and scholarship. The department offers a variety of experiences with guest artists, teachers, and clinicians who provide diversity of outlook. In turn, the department's faculty lends its expertise as guest artists, teachers, and clinicians in southeast Georgia as well as nationally and internationally.

The music curriculum for majors at both the baccalaureate and graduate levels fosters proficiency in the creation, dissemination, performance, and teaching of music, and an understanding of its analytical, historical, cultural, and philosophical foundations. Programs for music majors also emphasize the development of habits related to life-long learning, including preparation for advanced degree work, understanding the importance of continual professional development, and the necessity and ability to adapt to changing professional demands.

The department makes significant contributions to the region's culture by offering general education courses, concerts, recitals, lectures, and clinics and by providing opportunities for non-music majors and community members to participate in music-making through a variety of ensembles. It also renders service to the University community's athletic programs and various public relations efforts.

The department maintains a commitment to music as one of the most pervasive and powerful expressions of culture, both historically in the development of modern civilization and sociologically in the artistic expression of the diverse societies that comprise our world. Through all of its activities, the department promotes a better understanding and appreciation not only of music but of the entire world around us.

REQUIREMENTS FOR ALL MUSIC DEGREE PROGRAMS

Admission Requirements

All prospective music majors must pass an entrance audition in the appropriate applied area.

Performance Requirements

Each candidate for a music degree must complete applied music proficiency level requirements appropriate to the candidate's specific degree plan as well as fulfill other performance requirements consistent with the degree plan or individual course objectives. The appropriate applied music teacher will assist in this area.

Enrollment in any applied music course, including Junior Recital and Senior Recital, is by permission of the instructor and/or the department chair of music.

A jury examination in the appropriate applied area will be taken during the examination week or shortly before the end of each semester. Students not majoring in music who take applied music lessons may take a jury examination upon the recommendation of the applied instructor.

Recital requirements: Prior to performing a graduation, junior or senior recital, the candidate must pass a recital approval examination no less than three weeks before the recital date.

Candidates for the B.A. degree may be invited to perform a full public recital in their senior year in their primary applied area.

Group Piano Placement/Exit Examination

A placement examination in piano is required of all transfer students. Freshman music majors with prior keyboard experience should also take the placement examination. A maximum of four hours credit of group piano is allowed toward graduation requirements. All music majors must pass the group piano exit examination.

Music Theory Placement/Exit Examinations

A placement examination in music theory is required of all transfer students. Freshman music majors will take the placement examination. Placement exam results are for advisement purposes only. Each music major must pass (70 percent or better) the music theory exit exam. No student may register for any upper-level theory course unless the theory exit exam is successfully completed.

The requirements stated above for exiting the lower-level theory sequence apply regardless of grades received in the lower level theory courses.

Music Major Progression Requirements

1. Music majors must earn a minimum grade of "C" for each music class which applies toward graduation. Students earning less than a "C" grade in a sequential course offering may not enroll in the next course in the sequence until the course is repeated and a grade of "C" or higher is earned. In addition, students must earn a minimum grade of "C" in a prerequisite course prior to registering for an advanced course in the same subject area.
2. After not passing a required music course, music majors may repeat that course only once in order to pass it.

3. Music majors may repeat no more than three required music courses during the undergraduate degree program.
4. Music majors have a maximum of two additional attempts to pass a required Departmental competency or barrier examination.
5. Music majors who are unsuccessful in passing either a required music course with a "C" grade or a required Departmental competency or barrier examination are placed on probation in the Music Program until the course or examination is successfully completed. They will be required to participate in a Diagnostic and Learning Prescription Conference together with their advisor and the instructor of the course they failed (and the area head, if it involves a competency or barrier examination). A Learning Prescription addressing the needs of the student will be generated at the Conference. It may include, among other things:
 - a. A requirement to attend class each and every day.
 - b. A weekly conference with the instructor to discuss progress.
 - c. Submission of a weekly study and/or practice schedule.
 - d. Referral to the University Academic Success Center or/and the Student Disability Resource Center
6. After attending a Learning Prescription Conference, the student will be given a written contract specifying the terms of the Learning Prescription and the timetable for its completion, either prior to or during the retaking of the course or examination.
7. Students who do not meet the above conditions will be notified in writing and administratively withdrawn from the Music Program.
8. A student who receives notification of dismissal from the program may file an appeal within 10 days of receipt of the notification. The appeal will be considered by a Faculty Appeals Committee within the next two weeks. The decision of the Faculty Appeals Committee will be final.
9. Dismissal from the Music Program does not affect the ability of the student to continue in another major in the University.

Additional Policies

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

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

MUSIC

B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Music Theory (12 hours)

- MUSC 1331 - Music Theory I (3)
- MUSC 1332 - Music Theory II (3)
- MUSC 1513 - Sight-Singing/Ear Training I (1)
- MUSC 1514 - Sight-Singing/Ear Training II (1)
- MUSC 2333 - Music Theory III (3)
- MUSC 2513 - Sight-Singing/Ear Training III (1)

Applied Music (6 hours)

- MUSA - Applied Music (2)
- MUSC 1511 - Group Piano I (1)
- MUSC 1512 - Group Piano II (1)
- MUSC 2511 - Group Piano III (1)
- MUSC 2512 - Group Piano IV (1)

Health and Physical Education Activities **4 Hours**

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation **2 Hours**

- FYE 1220 - First Year Seminar (2)

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music..... **25 Hours**

- MUSA - Applied Music (4)
 - MUSC 1515 - Technology in Music (1)
 - MUSC 2334 - Music Theory IV (3)
 - MUSC 2514 - Sight-Singing/Ear Training IV (1)
 - MUSC 3131 - History of Music I (3)
 - MUSC 3132 - History of Music II (3)
 - MUSC 4331 - Analytical Techniques (3)
 - MUSE - Large Ensemble (7)
- (Piano primaries will substitute 2 hours of Large Ensemble with 2 hours of MUSE 3514 Piano Ensemble.)
- MUSE 1100 - Recital Attendance (0) Student must complete 6 semesters.

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options. The following list of major program options includes those additional and specific requirements.

Major Requirements **3 Hours**

- MUSA - Applied Music (2)
- MUSE - Large Ensemble (1)

Minor (May be Music Technology; May not be Applied Music or Music History and Literature) **15 Hours**

Foreign Language - through 2002 **0-12 Hours**

(Hours not required for Foreign Language will be added to Free Electives)

Electives, dependent upon Foreign Language hours **5-17 Hours**

ADVISEMENT: All music majors are advised in Room 3060 of the Foy Building.

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.
- See the Department of Music Handbook for policies governing degree programs.

COMPOSITION B.M., 126 HOURS

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

The major in composition is recommended for students who plan to pursue graduate study, to teach theory and/or composition at the college level, or to pursue work in professional arranging and/or composition.

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Music Theory (12 hours)

- MUSC 1331 - Music Theory I (3)
- MUSC 1332 - Music Theory II (3)
- MUSC 1513 - Sight-Singing/Ear Training I (1)
- MUSC 1514 - Sight-Singing/Ear Training II (1)
- MUSC 2333 - Music Theory III (3)
- MUSC 2513 - Sight-Singing/Ear Training III (1)

Applied Music (6 hours)

- MUSA - Applied Music (2)
- MUSC 1511 - Group Piano I (1)
- MUSC 1512 - Group Piano II (1)
- MUSC 2511 - Group Piano III (1)
- MUSC 2512 - Group Piano IV (1)

Health and Physical Education Activities **4 Hours**

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation **2 Hours**

- FYE 1220 - First Year Seminar (2)

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music **25 Hours**

- MUSA - Applied Music (4)
- MUSC 1515 - Technology in Music (1)
- MUSC 2334 - Music Theory IV (3)
- MUSC 2514 - Sight-Singing/Ear Training IV (1)
- MUSC 3131 - History of Music I (3)
- MUSC 3132 - History of Music II (3)
- MUSC 4331 - Analytical Techniques (3)
- MUSE - Large Ensemble (7)

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

- MUSE 1100 - Recital Attendance (0) Student must complete 6 semesters.

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options. The following list of major program options includes those additional and specific requirements.

Major Requirements **30 Hours**

- MUSA - Applied Music (2)
- MUSA - Composition (12)
- MUSA 4111 - Senior Recital (1)
- MUSC 1311 - Introduction to Composition (1)
- MUSC 3331 - Instrumentation (3)
- MUSC 4411 - Basic Conducting (1)
- MUSC 5530 - Recording Studio Techniques (3)
- MUSC 5531 - MIDI Sequencing (3)
- MUSC - Upper Division Music History/Literature Elective (3)
- MUSE - Large Ensemble (1)

Electives **5 Hours**

ADVISEMENT: All music majors are advised in Room 3060 of the Foy Building.

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.
- See the Department of Music Handbook for policies governing degree programs.

MUSIC EDUCATION

B.M., 134 HOURS

(Choral)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Music Theory (12 hours)

- MUSC 1331 - Music Theory I (3)
- MUSC 1332 - Music Theory II (3)
- MUSC 1513 - Sight-Singing/Ear Training I (1)
- MUSC 1514 - Sight-Singing/Ear Training II (1)
- MUSC 2333 - Music Theory III (3)
- MUSC 2513 - Sight-Singing/Ear Training III (1)

Applied Music (6 hours)

- MUSA - Applied Music (2)
- MUSC 1511 - Group Piano I (1)
- MUSC 1512 - Group Piano II (1)
- MUSC 2511 - Group Piano III (1)
- MUSC 2512 - Group Piano IV (1)

Health and Physical Education Activities..... **4 Hours**

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation..... **2 Hours**

- FYE 1220 - First Year Seminar (2)

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music..... **22 Hours**

- MUSA - Applied Music (5)
- MUSC 1515 - Technology in Music (1)
- MUSC 2334 - Music Theory IV (3)
- MUSC 2514 - Sight-Singing/Ear Training IV (1)
- MUSC 3131 - History of Music I (3)
- MUSC 3132 - History of Music II (3)
- MUSE - Large Ensemble (6)
- (Piano primaries will substitute 2 hours of Large Ensemble with 2 hours of MUSE 3514 - Piano Ensemble.)
- MUSE 1100 - Recital Attendance (0) Student must complete 6 semesters.

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options. The following list of major program options includes those additional and specific requirements.

Major Requirements (Choral Music Education majors)..... **43 Hours**

Pre-Professional Block:

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 - Exploring Learning and Teaching (3)

Other courses for the major:

- MUSA - Applied Music (1)
- MUSA 2101 - Recital (0)
- MUSC 2411 - Diction I (1)
- MUSC 2412 - Diction II (1)
- MUSC 2621 - Introduction to Music Education (2)
- MUSC 3211 - Instrumental Methods I (1)
- MUSC 3212 - Instrumental Methods II (1)
- MUSC 3232 - Elementary Methods and Materials (3)
- MUSC 4411 - Basic Conducting (1)
- MUSC 4421 - Voice Pedagogy (2)
- MUSC 4431 - Choral Conducting and Literature (3)
- MUSC 4532 - Secondary Methods and Materials in Music (3)
- MUSC 4611 - Seminar in Music Education (1)
- MUSC 4799 - Student Teaching in P-12 Music Education (9)
- MUSE - Large Ensemble (1)
- MUSE 3314 - Opera Theatre (1)
- SPED 3333 - Introduction to Special Education (3)

Electives 3 Hours

ADVISEMENT: All music majors are advised in Room 3060 of the Foy Building.

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.
- 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., 134 HOURS (Instrumental)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Music Theory (12 hours)

- MUSC 1331 - Music Theory I (3)
- MUSC 1332 - Music Theory II (3)
- MUSC 1513 - Sight-Singing/Ear Training I (1)
- MUSC 1514 - Sight-Singing/Ear Training II (1)
- MUSC 2333 - Music Theory III (3)
- MUSC 2513 - Sight-Singing/Ear Training III (1)

Applied Music (6 hours)

- MUSA - Applied Music (2)
- MUSC 1511 - Group Piano I (1)
- MUSC 1512 - Group Piano II (1)
- MUSC 2511 - Group Piano III (1)
- MUSC 2512 - Group Piano IV (1)

Health and Physical Education Activities..... **4 Hours**

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation..... **2 Hours**

- FYE 1220 - First Year Seminar (2)

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music..... **22 Hours**

- MUSA - Applied Music (5)
- MUSC 1515 - Technology in Music (1)
- MUSC 2334 - Music Theory IV (3)
- MUSC 2514 - Sight-Singing/Ear Training IV (1)
- MUSC 3131 - History of Music I (3)
- MUSC 3132 - History of Music II (3)
- MUSE - Large Ensemble (6)
- (Piano primaries will substitute 2 hours of Large Ensemble with 2 hours of MUSE 3514 Piano Ensemble.)
- MUSE 1100 - Recital Attendance (0) Student must complete 6 semesters.

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options. The following list of major program options includes those additional and specific requirements.

Major Requirements (Instrumental Music Education majors)..... **43 Hours**

Pre-Professional Block:

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 - Exploring Learning and Teaching (3)

Other courses for the major:

- MUSA - Applied Music (1)
- MUSA 2101 - Recital (0)
- MUSC 3216 - Voice Class (1)
- MUSC 2621 - Introduction to Music Education (2)
- MUSC 3213 - Percussion Class (1)
- MUSC 3215 - String Class (1)
- MUSC 3232 - Elementary Methods and Materials (3)
- MUSC 3331 - Instrumentation (3)
- MUSC 4411 - Basic Conducting (1)
- MUSC 4432 - Instrumental Conducting and Literature (3)
- MUSC 4532 - Secondary Methods and Materials (3)
- MUSC 4611 - Seminar in Music Education (1)
- MUSC 4799 - Student Teaching in P-12 Music Education (9)
- SPED 3333 - Introduction to Special Education (3)

Electives..... **3 Hours**

ADVISEMENT: All music majors are advised in Room 3060 of the Foy Building.

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.
- 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.

PERFORMANCE B.M., 126 HOURS (Instrumental)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Music Theory (12 hours)

- MUSC 1331 - Music Theory I (3)
- MUSC 1332 - Music Theory II (3)
- MUSC 1513 - Sight-Singing/Ear Training I (1)
- MUSC 1514 - Sight-Singing/Ear Training II (1)
- MUSC 2333 - Music Theory III (3)
- MUSC 2513 - Sight-Singing/Ear Training III (1)

Applied Music (6 hours)

- MUSA - Applied Music (2)
- MUSC 1511 - Group Piano I (1)
- MUSC 1512 - Group Piano II (1)
- MUSC 2511 - Group Piano III (1)
- MUSC 2512 - Group Piano IV (1)

Health and Physical Education Activities	4 Hours
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- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation	2 Hours
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- FYE 1220 - First Year Seminar (2)

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music	25 Hours
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- MUSA - Applied Music (4)
- MUSC 1515 - Technology in Music (1)
- MUSC 2334 - Music Theory IV (3)
- MUSC 2514 - Sight-Singing/Ear Training IV (1)
- MUSC 3131 - History of Music I (3)
- MUSC 3132 - History of Music II (3)
- MUSC 4331 - Analytical Techniques (3)
- MUSE - Large Ensemble (7)
- MUSE 1100 - Recital Attendance (0) Student must complete 6 semesters.

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options. The following list of major program options includes those additional and specific requirements.

Major Requirements	27 Hours
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- MUSA - Applied Music (10)
- MUSA 3101 - Junior Recital (0)
- MUSA 4111 - Senior Recital (1)
- MUSC - Instrumental Pedagogy course (1)
- MUSC - Upper Division Theory/History Electives (6)
- MUSC 4411 - Basic Conducting (1)
- MUSC 5237 - Symphonic Literature (3)
- MUSE - Large Ensemble (1)
- MUSE - Small Ensemble (4)

Electives	8 Hours
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ADVISEMENT: All music majors are advised in Room 3060 of the Foy Building.

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.
- See the Department of Music Handbook for policies governing degree programs.

PERFORMANCE B.M., 126 HOURS (Piano)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Music Theory (12 hours)

- MUSC 1331 - Music Theory I (3)
- MUSC 1332 - Music Theory II (3)
- MUSC 1513 - Sight-Singing/Ear Training I (1)
- MUSC 1514 - Sight-Singing/Ear Training II (1)
- MUSC 2333 - Music Theory III (3)
- MUSC 2513 - Sight-Singing/Ear Training III (1)

Applied Music (6 hours)

- MUSA - Applied Music (6)

Health and Physical Education Activities **4 Hours**

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation **2 Hours**

- FYE 1220 - First Year Seminar (2)

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music **25 Hours**

- MUSA - Applied Music (4)
- MUSC 1515 - Technology in Music (1)
- MUSC 2334 - Music Theory IV (3)
- MUSC 2514 - Sight-Singing/Ear Training IV (1)
- MUSC 3131 - History of Music I (3)
- MUSC 3132 - History of Music II (3)
- MUSC 4331 - Analytical Techniques (3)
- MUSE - Large Ensemble (7)

(Piano primaries will substitute 4 hours of Large Ensemble with 4 hours of MUSE 3514 - Piano Ensemble.)

- MUSE 1100 - Recital Attendance (0) Student must complete 6 semesters.

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options. The following list of major program options includes those additional and specific requirements.

Major Requirements **22 Hours**

- MUSA - Applied Music (4)
- MUSA 3101 - Junior Recital (0)
- MUSA 4111 - Senior Recital (1)
- MUSC - Upper Division Music Theory/History Electives (6)
- MUSC 2421 - Piano Literature I (2)
- MUSC 2431 - Piano Pedagogy I (3)
- MUSC 3421 - Piano Literature II (2)
- MUSC 3432 - Piano Pedagogy II (3)
- MUSC 4411 - Basic Conducting (1)

Electives **13 Hours**

ADVISEMENT: All music majors are advised in Room 3060 of the Foy Building.

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.
- See the Department of Music Handbook for policies governing degree programs.

PERFORMANCE B.M., 126 HOURS (Voice)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Music Theory (12 hours)

- MUSC 1331 - Music Theory I (3)
- MUSC 1332 - Music Theory II (3)
- MUSC 1513 - Sight-Singing/Ear Training I (1)
- MUSC 1514 - Sight-Singing/Ear Training II (1)
- MUSC 2333 - Music Theory III (3)
- MUSC 2513 - Sight-Singing/Ear Training III (1)

Applied Music (6 hours)

- MUSA - Applied Music (2)
- MUSC 1511 - Group Piano I (1)
- MUSC 1512 - Group Piano II (1)
- MUSC 2511 - Group Piano III (1)
- MUSC 2512 - Group Piano IV (1)

Health and Physical Education Activities **4 Hours**

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation **2 Hours**

- FYE 1220 - First Year Seminar (2)

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music..... **25 Hours**

- MUSA - Applied Music (4)
- MUSC 1515 - Technology in Music (1)
- MUSC 2334 - Music Theory IV (3)
- MUSC 2514 - Sight-Singing/Ear Training IV (1)
- MUSC 3131 - History of Music I (3)
- MUSC 3132 - History of Music II (3)
- MUSC 4331 - Analytical Techniques (3)
- MUSE - Large Ensemble (7)
- MUSE 1100 - Recital Attendance (0) Student must complete 6 semesters.

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options. The following list of major program options includes those additional and specific requirements.

Major Requirements **26 Hours**

- MUSA - Applied Music (10)
- MUSA 3101 - Junior Recital (0)
- MUSA 4111 - Senior Recital (1)
- MUSC - Upper Division Music Theory/History Elective (3)
- MUSC 2411 - Diction for Singers I (1)
- MUSC 2412 - Diction for Singers II (1)
- MUSC 3423 - Vocal Literature I (2)
- MUSC 3424 - Vocal Literature II (2)
- MUSC 4411 - Basic Conducting (1)
- MUSC 4421 - Voice Pedagogy (2)
- MUSE - Large Ensemble (1)
- MUSE - Small Ensemble (2)

Foreign Language **6 Hours**

Electives **3 Hours**

ADVISEMENT: All music majors are advised in Room 3060 of the Foy Building.

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.
- See the Department of Music Handbook for policies governing degree programs.

PHILOSOPHY

B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Foreign Language - through 2002 (0-12)

Select 6-18 hours from the following:

- ANTH 1102 - Introduction to Anthropology (3)
- ARTH 2531 - Art History I (3)
- ARTH 2532 - Art History II (3)
- BIOL 1130 - General Biology (3) and BIOL 1110 - General Biology Lab (1)
- BIOL 1230 - Environmental Biology (3) and BIOL 1210 - Environmental Biology Lab (1)
- ENGL 2111 - World Literature I (3)
- ENGL 2112 - World Literature II (3)
- HIST 1111 - World History I (3)
- INTS 2130 - Introduction to International Studies (3)
- PHYS 1111 - Introduction to Physics I (3) and PHYS 1113 - Physics Lab I (1)
- PHYS 1135 - Physics: How Things Work (3)
- POLS 2101 - Introduction to Political Science (3)
- RELS 2130 - Introduction to Religion (3)
- SOCI 1101 - Introduction to Sociology (3)

Health and Physical Education Activities **4 Hours**

HLTH 1520 - Healthful Living (2)

Physical Education Activities (2)

Orientation **2 Hours**

FYE 1220 - First Year Seminar (2)

Major Requirements **30 Hours**

Specific Requirements (15 hours):

- PHIL 2010 - Introduction to Philosophy (3)
- PHIL 2020 - Critical Thinking (3)
- PHIL 3333 - Introduction to Ethics (3) **OR** PHIL 4333 - 20th Century Ethical Theory (3)
- PHIL 3431 - Ancient Philosophy (3)
- PHIL 3432 - History of Modern Philosophy (3)

Select five of the following:

- PHIL 3030 - Selected Topics in Philosophy (3)
- PHIL 3131 - World Religions (3)
- PHIL/POLS 3230 - Modern Political Thought (3) **OR** PHIL/POLS 4139 - Contemporary Political Thought (3)
- PHIL/POLS 3232 - Philosophy of Law (3)
- PHIL 3330 - Introduction to Art and Beauty (3)
- PHIL 3332 - Contemporary Moral Problems (3)
- PHIL 3334 - Environmental Ethics (3)
- PHIL 3433 - Nineteenth Century European Philosophy (3)
- PHIL 3434 - Contemporary Philosophy (3)
- PHIL 3531 - Theory of Knowledge (3)
- PHIL 3532 - Metaphysics (3)
- PHIL 3635 - Existentialism (3)
- PHIL 4130 - Feminist Philosophy (3)
- PHIL 4233 - Introduction to Formal Logic (3)
- PHIL 4333 - Twentieth-Century Ethical Theory (3)
- PHIL 4532 - Philosophy of Emotions (3)
- PHIL 4533 - Philosophy of Mind (3)
- PHIL 4632 - Philosophy of Religion (3)
- PHIL 5030 - Selected Topics in Philosophy (3)

Electives **15 Hours**

Minor - Required. Must be approved by advisor **15 Hours**

ADVISEMENT: All Philosophy majors, including students in the UHP, are advised by advisors in the Newton Building.

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 UHON 4191 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.

POLITICAL SCIENCE

B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
Foreign Language 2001 - Intermediate I (3)	
Foreign Language 2002 - Intermediate II (3)	
PHIL 2010 - Introduction to Philosophy (3)	
POLS 2101 - Introduction to Political Science (3)	
STAT 2231 - Introduction to Statistics I (3)	
Select <u>one</u> 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 (3)	
ECON 2106 - Business Economics (3)	
GEOG 1130 - World Regional Geography (3)	
PSYC 1101 - Introduction to Psychology (3)	
SOC 1101 - Introduction to Sociology (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	24 Hours
POLS 3130 - Qualitative Research Methods (3)	
POLS - Senior Seminar (3)	
Select <u>one</u> of the following:	
POLS 3135 - Congressional Behavior (3)	
POLS 3136 - The Presidency (3)	
POLS 3137 - Judicial Process (3)	
POLS 3138 - Constitutional Law I (3)	
POLS 3139 - Constitutional Law II (3)	
POLS 3233 - Politics and the Media (3)	
POLS 3235 - Gender and Politics (3)	
POLS 3237 - African American Politics (3)	
POLS 3238 - Southern Politics (3)	
POLS 3330 - State and Local Government (3)	
POLS 3332 - Political Parties (3)	
Select <u>one</u> of the following:	
POLS 3132 - Asian Politics (3)	
POLS 3133 - Latin American Politics (3)	
POLS 3431 - African Politics (3)	
POLS 4136 - Comparative Politics of Industrialized Nations (3)	
POLS 4137 - Industrializing Nations (3)	
Select <u>one</u> of the following:	
POLS 3234 - Introduction to European Union (3)	
POLS 3236 - International Relations (3)	
POLS 3239 - Human Rights in International Relations (3)	
POLS 4132 - U.S. Foreign Policy (3)	
POLS 4133 - International Political Economy (3)	
POLS 4134 - International Law and Diplomacy (3)	
POLS 4135 - International Organizations (3)	
POLS 4138 - International Terrorism (3)	
Select <u>one</u> of the following:	
POLS 3230 - Modern Political Thought (3)	
POLS 3336 - Classical Political Thought (3)	
POLS 4130 - American Political Thought (3)	
POLS 4139 - Contemporary Political Thought (3)	
Select <u>6 hours</u> of Upper Division electives from any of above or:	
*POLS 2130 - Scope and Methods in Political Science (3)	
POLS 3231 - Environmental Politics (3)	
POLS 3232 - Public Opinion and Political Behavior (3)	
POLS 3331 - Introduction to Public Administration (3)	

- POLS 3334 - Film and Politics (3)
- POLS 3335 - Politics of Ethnicity (3)
- POLS 3338 - Language and Law (3)
- POLS 4031 - Selected Topics in Political Science (3)
- POLS 4131 - Public Policy (3)
- POLS 4791 - Field Internship in Political Science (6)
- POLS 4890 - Independent Study in Political Science (3-12)

Minor - Required: Area of Study Chosen in Consultation with Major Advisor 15 Hours
Electives 21 Hours

(A maximum of 9 hours of Internship may be taken.)

ADVISEMENT: All Political Science majors, including students in the UHP, are advised by advisors in the Carroll Building.

OTHER PROGRAM REQUIREMENTS:

- Majors must earn a minimum grade of “C” in all upper level POLS courses.

**POLS 2130 - Scope and Methods in Political Science is only offered during spring term.*

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 UHON 4191 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.

POLITICAL SCIENCE

B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
<ul style="list-style-type: none"> Foreign Language 2001 - Intermediate I (3) PHIL 2020 - Critical Thinking (3) POLS 2101 - Introduction to Political Science (3) STAT 2231 - Introduction to Statistics I (3) STAT 2232 - Introduction to Statistics II (3) 	
If any of the above are taken to satisfy C-E, select from:	
<ul style="list-style-type: none"> ANTH 1102 - Introduction to Anthropology (3) GEOG 1130 - World Regional Geography (3) PSYC 1101 - Introduction to Psychology (3) SOCI 1101 - Introduction to Sociology (3) 	
Health and Physical Education Activities	4 Hours
<ul style="list-style-type: none"> HLTH 1520 - Healthful Living (2) Physical Education Activities (2) 	
Orientation	2 Hours
<ul style="list-style-type: none"> FYE 1220 - First Year Seminar (2) 	
Major Requirements	24 Hours
<ul style="list-style-type: none"> *POLS 2130 - Scope and Methods in Political Science (3) POLS - Senior Seminar (3) 	
Select <u>one</u> of the following:	
<ul style="list-style-type: none"> POLS 3135 - Congressional Behavior (3) POLS 3136 - The Presidency (3) POLS 3137 - Judicial Process (3) POLS 3138 - Constitutional Law I (3) POLS 3139 - Constitutional Law II (3) POLS 3233 - Politics and the Media (3) POLS 3235 - Gender and Politics (3) POLS 3237 - African American Politics (3) POLS 3238 - Southern Politics (3) POLS 3330 - State and Local Government (3) POLS 3332 - Political Parties (3) 	
Select <u>3 hours</u> from the following:	
<ul style="list-style-type: none"> POLS 3132 - Asian Politics (3) POLS 3133 - Latin American Politics (3) POLS 3431 - African Politics (3) POLS 4136 - Comparative Politics of Industrialized Nations (3) POLS 4137 - Industrializing Nations (3) POLS 4890 - Independent Study in Political Science (3-12) 	
Select <u>one</u> of the following:	
<ul style="list-style-type: none"> POLS 3234 - Introduction to European Union (3) POLS 3236 - International Relations (3) POLS 3239 - Human Rights in International Relations (3) POLS 4132 - U.S. Foreign Policy (3) POLS 4133 - International Political Economy (3) POLS 4134 - International Law and Diplomacy (3) POLS 4135 - International Organizations (3) POLS 4138 - International Terrorism (3) 	
Select <u>one</u> of the following:	
<ul style="list-style-type: none"> POLS 3230 - Modern Political Thought (3) POLS 3336 - Classical Political Thought (3) POLS 4130 - American Political Thought (3) POLS 4139 - Contemporary Political Thought (3) 	
Select <u>6 hours</u> of Upper Division electives from any of above or:	
<ul style="list-style-type: none"> POLS 2130 - Scope and Methods in Political Science (3) POLS 3130 - Qualitative Research Methods (3) POLS 3231 - Environmental Politics (3) POLS 3232 - Public Opinion and Political Behavior (3) 	

- POLS 3331 - Introduction to Public Administration (3)
- POLS 3334 - Film and Politics (3)
- POLS 3335 - Politics of Ethnicity (3)
- POLS 3338 - Language and Law (3)
- POLS 3712 - Community Development (1-2)
- POLS 4031 - Selected Topics in Political Science (3)
- POLS 4131 - Public Policy (3)
- POLS 4791 - Field Internship in Political Science (3)

Minor - Required: Area of study chosen in consultation with major advisor 15 Hours

Or Related Areas: general electives chosen in consultation with major advisor.

Electives 21 Hours

(A maximum of 9 hours of Internship may be taken.)

ADVISEMENT: All Political Science majors, including students in the UHP, are advised by advisors in the Carroll Building.

OTHER PROGRAM REQUIREMENTS:

- Majors must earn a minimum grade of “C” in all upper level POLS courses.

**POLS 2130 - Scope and Methods in Political Science is only offered during spring term.*

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 UHON 4191 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.

PSYCHOLOGY

B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
Foreign Language 2001 - Completion through Foreign Language 2001 or equivalent (0-12)	
*PSYC 1101 - Introduction to Psychology (3)	
PSYC 2210 - Careers in Psychology (1)	
*PSYC 2231 - Psychological Statistics (3)	
Select 2-14 hours from the following:	
ANTH 1102 - Introduction to Anthropology (3)	
ARTH 2531 - Art History I (3)	
ARTH 2532 - Art History II (3) (<i>Prerequisite ARTH 2531</i>)	
BIOL 1130 - General Biology (3) and BIOL 1110 - General Biology Lab (1)	
BIOL 1333 - From Neuron to Brain (3)	
CHFD 2130 - Family Economic Environment (3)	
CHFD 2134 - Family Development (3)	
CISM 1110 - Computer Applications (1) and CISM 1120 - Computer Concepts (2)	
COMM 1100 - Introduction to Human Communication (<i>Prerequisite ENGL 1101</i>)	
CRJU 1100 - Introduction to Criminal Justice (3)	
GEOG 1101 - Introduction to Human Geography (3)	
GEOG 1130 - World Regional Geography (3)	
HIST 1111 - World History I (3)	
HUMN 2321 - Humanities I (3)	
HUMN 2322 - Humanities II (3)	
INTS 2130 - Introduction to International Studies (3)	
PHIL 2010 - Introduction to Philosophy (3)	
PHIL 2020 - Critical Thinking (3)	
RECR 1530 - Foundations to Recreation and Leisure (3)	
SOC 1101 - Introduction to Sociology (3)	
WGST 2530 - Introduction to Women and Gender Studies (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	28-29 Hours
Specific Requirements	
*PSYC 3141 - Research Methods (4)	
Group I: (<i>at least one course required from this area</i>) (<i>Prerequisite PSYC 1101</i>)	
PSYC 3330 - Abnormal Psychology (3)	
PSYC 3331 - Child Psychology (3)	
PSYC 3332 - Psychology of Adolescence (3)	
PSYC 3333 - Lifespan Developmental Psychology (3)	
PSYC 3334 - Social Psychology (3)	
PSYC 3335 - Personality Psychology (3)	
PSYC 4436 - Theories of Psychotherapy (3)	
PSYC 5330 - Psychology of Aging (3)	
Group II: (<i>at least one course required from this area</i>) (<i>Prerequisite PSYC 1101</i>)	
PSYC 3130 - Tests and Measurements (3)	
PSYC 4430 - Cognitive Psychology (3)	
PSYC 4431 - Motivation and Emotion (3)	
PSYC 4432 - Sensation and Perception (3)	
PSYC 4433 - Principles of Learning (3)	
PSYC 4434 - Animal Behavior (3)	
PSYC 5430 - Physiological Psychology (3)	
PSYC 5431 - Evolutionary Psychology (3)	
PSYC 5530 - History and Systems (3)	
Group III: (<i>at least one course required from this area</i>) (<i>Prerequisite PSYC 1101</i>)	
PSYC 3230 - Psychology of Adjustment (3)	
PSYC 3231 - Psychology of Religion (3)	

PSYC 3232 - Psychology of Gender (3)
 PSYC 3234 - Industrial/Organizational Psychology (3)
 PSYC 3235 - Behavior Modification (3)
 PSYC 3236 - Substance Abuse (3)
 PSYC 3237 - Psychology of Human Sexuality (3)
 PSYC 3336 - Humanistic-Transpersonal Psychology (3)
 PSYC 4630 - Senior Seminar (3)
 PSYC 5030 - Selected Topics (3)
 PSYC 5230 - Health Psychology (3)
 PSYC 5232 - Psychology and Law (3)

***Areas of Emphasis** (All courses in Areas of Emphasis require a minimum grade of "C")

General Psychology

Select any **four** PSYC courses

Select **one** of the following Capstone Courses:

PSYC 4143 - Senior Research (4) (*Prerequisite PSYC 4131*)
 PSYC 4630 - Senior Seminar (3)
 PSYC 4730 - Internship in Psychology (3)
 **PSYC 4832 - Directed Study (3)
 **PSYC 4841 - Directed Research (4) (*Prerequisite PSYC 4131*)
 PSYC 5530 - History & Systems (3)

Biopsychology

Select **four** of the following:

PSYC 4131 - Advanced Psychological Statistics (3)
 PSYC 4431 - Motivation & Emotion (3)
 PSYC 4432 - Sensation & Perception (3)
 PSYC 4433 - Principles of Learning (3)
 PSYC 4434 - Animal Behavior (3)
 PSYC 5430 - Physiological Psychology (3)
 PSYC 5431 - Evolutionary Psychology (3)

Select **one** of the following Capstone Courses:

PSYC 4143 - Senior Research (4) (*Prerequisite PSYC 4131*)
 PSYC 4630 - Senior Seminar (3)
 **PSYC 4832 - Directed Study (3)
 **PSYC 4841 - Directed Research (4) (*Prerequisite PSYC 4131*)

Cognitive Psychology

Select **four** of the following:

PSYC 4131 - Advanced Psychological Statistics (3)
 PSYC 4430 - Cognitive Psychology (3)
 PSYC 4431 - Motivation & Emotion (3)
 PSYC 4432 - Sensation & Perception (3)
 PSYC 4433 - Principles of Learning (3)
 PSYC 5430 - Physiological Psychology (3)

Select **one** of the following Capstone Courses:

PSYC 4143 - Senior Research (4) (*Prerequisite PSYC 4131*)
 PSYC 4630 - Senior Seminar (3)
 **PSYC 4832 - Directed Study (3)
 **PSYC 4841 - Directed Research (4) (*Prerequisite PSYC 4131*)

Counseling/Clinical Psychology

Select **four** of the following:

PSYC 3130 - Psychological Tests and Measurements (3)
 PSYC 3235 - Behavior Modification (3)
 PSYC 3236 - Substance Abuse (3)
 PSYC 3330 - Abnormal Psychology (3)
 PSYC 3335 - Personality Psychology (3)
 PSYC 3336 - Humanistic-Transpersonal Psychology (3)
 PSYC 4131 - Advanced Psychological Statistics (3)
 PSYC 4436 - Theories of Psychotherapy (3)
 PSYC 5530 - History and Systems (3)

Select **one** of the following Capstone Courses:

PSYC 4143 - Senior Research (4) (*Prerequisite PSYC 4131*)
 PSYC 4630 - Senior Seminar (3)
 PSYC 4730 - Internship in Psychology (3)
 **PSYC 4832 - Directed Study (3)
 **PSYC 4841 - Directed Research (4) (*Prerequisite PSYC 4131*)

Developmental Psychology

Select **four** of the following:

PSYC 3235 - Behavior Modification (3)
 PSYC 3236 - Substance Abuse (3)
 PSYC 3331 - Child Psychology (3)

- PSYC 3333 - Lifespan Development Psychology (3)
- PSYC 4131 - Advanced Psychological Statistics (3)
- PSYC 5330 - Psychology of Aging (3)
- PSYC 5430 - Physiological Psychology (3)

Select one of the following Capstone Courses:

- PSYC 4143 - Senior Research (4) (*Prerequisite PSYC 4131*)
- PSYC 4630 - Senior Seminar (3)
- PSYC 4730 - Internship in Psychology (3)
- **PSYC 4832 - Directed Study (3)
- **PSYC 4841 - Directed Research (4) (*Prerequisite PSYC 4131*)

Health Psychology/Wellness

Select four of the following:

- PSYC 3230 - Psychology of Adjustment (3)
- PSYC 3231 - Psychology of Religion (3)
- PSYC 3235 - Behavior Modification (3)
- PSYC 3236 - Substance Abuse (3)
- PSYC 3237 - Psychology of Human Sexuality (3)
- PSYC 3333 - Lifespan Development Psychology (3)
- PSYC 4131 - Advanced Psychological Statistics (3)
- PSYC 5230 - Health Psychology (3)
- PSYC 5430 - Physiological Psychology (3)

Select one of the following Capstone Courses:

- PSYC 4143 - Senior Research (4) (*Prerequisite PSYC 4131*)
- PSYC 4630 - Senior Seminar (3)
- PSYC 4730 - Internship in Psychology (3)
- **PSYC 4832 - Directed Study (3)
- **PSYC 4841 - Directed Research (4) (*Prerequisite PSYC 4131*)

Social Psychology

Select four of the following:

- PSYC 3231 - Psychology of Religion (3)
- PSYC 3232 - Psychology of Gender (3)
- PSYC 3234 - Industrial/Organizational Psychology (3)
- PSYC 3334 - Social Psychology (3)
- PSYC 3335 - Personality Psychology (3)
- PSYC 4131 - Advanced Psychological Statistics (3)
- PSYC 5230 - Health Psychology (3)
- PSYC 5232 - Psychology and Law (3)

Select one of the following Capstone Courses:

- PSYC 4143 - Senior Research (4) (*Prerequisite PSYC 4131*)
- PSYC 4630 - Senior Seminar (3)
- **PSYC 4832 - Directed Study (3)
- **PSYC 4841 - Directed Research (4) (*Prerequisite PSYC 4131*)

Electives (9 hours may be Psychology).....31-32 Hours

A maximum of 6 credit hours in one or more of the following courses may be credited toward the major: PSYC 3890 (3 hours only), PSYC 4730, PSYC 4832, PSYC 4841.

ADVISEMENT: All Psychology majors, including students in the UHP, are advised by advisors in Brannen Hall.

**A minimum grade of "C" must be earned in this required course and all five (5) courses comprising the area of emphasis. Psychology courses with grades lower than "C" that are transferred from another institution may not be used to meet psychology requirements.*

***by faculty permission only.*

PUBLIC RELATIONS B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ART 2233 - Computer Graphics (3) OR IT 1430 - Web Page Development (3) COMM 1110 - Principles of Public Speaking (3) COMM 1100 - Introduction to Human Communication (3) OR COMS 2330 - Introduction to Communication Research (3) COMM 2332 - Media and Society (3) JOUR 2331 - Introduction to Journalism (3)	
Select <u>one</u> of the following:	
Foreign Language - through 2001 (3)	
Significant International Content Course (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	40 Hours
COMS - upper division course (3)	
JOUR 3331 - News Reporting and Writing (3)	
PRCA 2330 - Introduction to Public Relations (3)	
PRCA 3330 - Public Relations Writing (3)	
PRCA 3711 - Public Relations Practicum (1)	
PRCA 4330 - Public Relations Research (3)	
PRCA 4339 - Public Relations Campaign Strategies (3)	
*PRCA 4791 - Public Relations Internship (3) OR PRCA 4335 - Senior Seminar (3)	
PRCA - two upper division courses (6)	
Select <u>one</u> from the following media elective courses:	
JOUR 3332 - Feature Writing (3)	
JOUR 3335 - Copy Editing (3)	
JOUR 3631 - Fundamentals of Multimedia Production (3)	
PRCA 3339 - Public Relations Publications (3)	
Select <u>two</u> of the following theory/law elective courses:	
COMM 4333 - Theories of Mass Communication (3)	
JOUR 3337 - Media Law and Ethics (3)	
COMS 4333 - General Semantics (3)	
COMS 4334 - Communication Theory (3)	
MMC/JOUR 3530 - Media Ethics (3)	
Select <u>3 hours</u> from the following:	
Upper Division Elective from COMM, COMS, FILM, JOUR, MMC, PRCA, or THEA (3)	
Courses in Related Areas	6 Hours
MKTG 3131 - Principles of Marketing (3)	
MKTG 3132 - Principles of Advertising (3)	
Electives	14 Hours

ADVISEMENT: All "Pre-Communication Arts" and Public Relations majors are advised in the Department of Communication Arts, Veazey Hall, (912) 478-5138. Students in the University Honors Program (UHP) are also advised in the Department.

PROGRAM ADMISSION CRITERIA:

- Students must have a total institution GPA of 2.35 and 30 earned hours to become a major in this Communication Arts program.
- Students must pass Grammar Proficiency Exam or earn a minimum grade of "C" in WRIT 3430.

OTHER PROGRAM REQUIREMENTS:

- Students must make a minimum grade of "C" in each Communication Arts class to receive credit for that course.
- "Pre-Communication Arts" students cannot take upper division Communication Arts classes for credit.

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

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 UHON 4191 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.

SOCIOLOGY B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
Foreign Language - through 2001 (0-3)	
*SOCI 1101 - Introduction to Sociology (3)	
STAT 2231 - Introduction to Statistics I (3)	
Select <u>9-12 hours</u> from the following:	
ANTH 1102 - Introduction to Anthropology (3)	
CISM 1110 - Computer Applications (1) and CISM 1120 - Computer Concepts (2)	
FORL 2002 - Foreign Language (3)	
GEOG 1130 - World Regional Geography (3)	
INTS 2130 - Introduction to International Studies (3)	
PHIL 2010 - Introduction to Philosophy (3)	
POLS 2101 - Introduction to Political Science (3)	
PSYC 1101 - Introduction to Psychology (3)	
RELS 2130 - Introduction to Religion (3)	
SOCI 2232 - Introduction to Social Services (3)	
STAT 2232 - Introduction to Statistics II (3)	
WGST 2530 - Introduction to Women and Gender Studies (3)	
WRIT 2130 - Technical Communication (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	39 Hours
Must take <u>9 hours</u> of the following upper division courses.	
SOCI 3431 - Sociological Theory (3)	
SOCI 3434 - Methods of Social Research (3)	
SOCI 4630 - Senior Seminar (3)	
Select <u>30 hours</u> from the following upper division (3000 or above) Sociology courses as approved by advisor:	
SOCI 3094 - Selected Topics in Sociology (1-3)	
SOCI 3231 - Practice Skills (3)	
SOCI 3333 - Deviant Behavior (3)	
SOCI 3335 - Social Change (3)	
SOCI 3336 - Social Problems (3)	
SOCI 4231 - Child Welfare and Family Services (3)	
SOCI 4232 - Social Welfare Policy and Services (3)	
SOCI 4332 - Sociology of Gender (3)	
SOCI 4334 - Organizations, Work and Technology (3)	
SOCI 4335 - Self and Society (3)	
SOCI 4338 - Sport, Culture, and Society (3)	
SOCI 4431 - Inequality (3)	
SOCI 4790 - Field Instruction (3-9) (maximum of 6 hours applies to the major)	
SOCI 4892 - Directed Research (3)	
SOCI 5094 - Selected Topics in Sociology (1-3)	
SOCI 5132 - Sociology of Community (3)	
SOCI 5133 - Sociology of Religion (3)	
SOCI 5134 - Sociology of Childhood (3)	
SOCI 5135 - Aging (3)	
SOCI 5137 - Social Movements (3)	
SOCI 5138 - Sociology of the Family (3)	
SOCI 5139 - Sociology of Health Care (3)	
SOCI 5140 - Group Dynamics (3)	
SOCI 5332 - Death and Dying (3)	
SOCI 5333 - Race and Ethnicity (3)	
SOCI 5433 - Program Evaluation (3)	
SOCI 5435 - The South in American Culture (3)	

Interdisciplinary Specialty Electives 9 Hours
Electives 12 Hours

ADVISEMENT: All Sociology majors, including students in the UHP, are advised by advisors in the Carroll Building.

OTHER PROGRAM REQUIREMENTS:

- A minimum grade of “C” required in all sociology courses; if advisor recommends, one “D” allowed if matched by “B” or higher in another sociology course.

**Must be passed with a minimum grade of “C”*

HONORS IN SOCIOLOGY

To graduate with Honors in Sociology, a student must:

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of UHON 4191 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.

THEATRE

B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
THEA 1100 - Theatre Appreciation (3)	
THEA 1250 - Introduction to Production Concepts (3)	
THEA 2332 - Stagecraft (3)	
THEA 2333 - Fundamentals of Acting (3)	
Foreign Language 2001 - Intermediate I (3)	
Foreign Language 2002 - Intermediate II (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	30 Hours
Specific Requirements (15 hours)	
Any Upper Division Theatre Design course (3)	
THEA 3337 - Play Directing (3)	
THEA 3338 - Rehearsal and Performance (3) OR THEA 3711 - Practicum (3)	
THEA 4330 - Theatre History: to Elizabethans (3) OR THEA 4331 - Theatre History: Elizabethans to Modern (3)	
Select <u>one</u> of the following:	
THEA 3332 - African-American Theatre (3)	
THEA 3333 - Irish Theatre (3)	
THEA 4330 - Theatre History: To the Elizabethans (3)	
THEA 4331 - Theatre History: Elizabethan to Modern (3)	
THEA 4332 - Children's Theatre and Storytelling (3)	
THEA 4334 - Drama in Performance (3)	
THEA 4338 - World Theatre (3)	
Select <u>15 hours</u> from the following:	
COMS 3336 - Introduction to Performance Studies (3)	
COMS 4336 - Performance, Culture, Communication (3)	
THEA 1331 - Stage Make-Up (3)	
THEA 3230 - Voice for the Stage (3)	
THEA 3231 - Movement for the Actor (3)	
THEA 3232 - Vectorworks for the Stage (3)	
THEA 3330 - Scene Study (3)	
THEA 3331 - Advanced Stagecraft (3)	
THEA 3332 - African American Theatre (3)	
THEA 3333 - Irish Theatre (3)	
THEA 3334 - Sound Design (3)	
THEA 3335 - Scene Painting (3)	
THEA 3336 - Theatre Management (3)	
THEA 3338 - Rehearsal and Performance (1-3)	
THEA 4332 - Children's Theatre and Storytelling (3)	
THEA 4333 - Acting Styles (3)	
THEA 4334 - Drama in Performance (3)	
THEA 4335 - Scene Design (3)	
THEA 4336 - Lighting Design (3)	
THEA 4337 - Costume Design (3)	
THEA 4338 - World Theatre (3)	
THEA 5530 - Playwriting (3)	
THEA 5531 - Puppetry (3)	
Electives	15 Hours
Minor - Required	15 Hours

ADVISEMENT: All Theatre majors are advised in the Department of Communication Arts, Veazey Hall, (912) 478-5138. Students in the University Honors Program (UHP) are also advised in the Department.

PROGRAM ADMISSION CRITERIA:

- Students must have a total institution GPA of 2.35 and 30 earned hours to become a major in this Communication Arts program.

OTHER PROGRAM REQUIREMENTS:

- Students must make a minimum grade of “C” in each Communication Arts class to receive credit for that course.
- “Pre-Communication Arts” students cannot take upper division Communication Arts classes for credit.

WRITING AND LINGUISTICS

B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours

Select 9-18 hours from the following:

- LING 2090 - Selected Topics in Writing and Linguistics (3)
- WRIT 2090 - Selected Topics in Writing and Linguistics (3)
- WRIT 2131 - Everyday Creative Writing (3)
- WRIT 2133 - Forms in Writing (3)
- WRIT 2230 - Careers in Writing and Linguistics (3)
- WRIT/LING 2430 - Essential Grammar for Successful Writing (3)
- WRIT 2533 - Writers on Writing (3)
- WRIT 2535 - Writing and Place (3)

Foreign Language - through 2002 or its equivalent (0-6 hours)

Additional Courses from the following (not taken in Area B, C, or E) (0-3 hours):

- CISM 1110 - Computer Applications (1) and CISM 1120 - Computer Concepts (2)
- COMM 1100 - Introduction to Human Communication (3)
- ENGL 2111 - World Literature I (3)
- ENGL 2112 - World Literature II (3)
- FILM 2331 - Introduction to Film Studies (3)
- GCM 1321 - Desktop Publishing (2) and GCM 1411 - Desktop Publishing Lab (1)
- IT 1130 - Introduction to Information Technology (3)
- WGST 2530 - Introduction to Women and Gender Studies (3)
- WRIT 2130 - Technical Communication (3)
- WRIT 2531 - Introduction to Screenwriting (3)

Health and Physical Activities

- HLTH 1520 - Healthful Living (2)
- Physical Education Activities (2)

Orientation

- FYE 1220 - First Year Seminar (2)

Major Requirements

Common Body of Knowledge Courses..... **12 Hours**

Students must complete at least two common body of knowledge courses with a minimum grade of "C" before attempting 4000-5000 level classes.

- LING 3630 - Language and Linguistic Theory (3)
- WRIT 3130 - Creative Writing (3)
- WRIT 3220 - Foundations in Professional and Technical Writing (3)
- WRIT 3531 - Introduction to Writing Studies (3)

Upper Division Requirements..... **18 Hours**

Select one of the following Processes of Writing and Language courses:

- LING 4333 - Semantics (3)
- WRIT 3233 - Professional Editing (3)
- WRIT 3234 - Research Methods for Writers (3)
- WRIT 3520 - Revision, Grammar and Culture (3)

Select one (3-6 hours) from the following Capstone Experience courses:

- WRIT 4790 - Internship in Writing and Linguistics (3-6)
- WRIT 5430 - Advanced Poetry Writing (3)
- WRIT 5530 - Sociolinguistics (3) **OR** LING 5530 - Sociolinguistics (3)
- WRIT 5531 - Advanced Creative Nonfiction (3)
- WRIT 5540 - Advanced Fiction Writing (3)
- WRIT 5650 - Writing for Publication (3)
- WRIT 5930 - Technical Writing (3)

Select 9-12 hours from the following upper-division courses in the major as approved by advisor:

Creative Writing

- WRIT 3140 - Writing for Young Readers (3)
- WRIT 4130 - Creative Non-fiction (3)
- WRIT 4430 - Poetry Writing (3)
- WRIT 4530 - Fiction Writing (3)
- WRIT 5430 - Advanced Poetry Writing (3)
- WRIT 5531 - Advanced Creative Nonfiction (3)

WRIT 5540 - Advanced Fiction Writing (3)

WRIT 5632 - Writing Flash Prose (3)

Professional Writing

WRIT 3030 - Selected Topics in Writing (3)

WRIT 3131 - Teaching Writing (3)

WRIT 3133 - Tutoring Writing (3)

WRIT 3230 - Writing in the Workplace (3)

WRIT 3232 - Writing Visual Information (3)

WRIT 3233 - Professional Editing (3)

WRIT 3234 - Research Methods for Writers (3)

WRIT 3430 - Linguistics and Grammar for Teachers (3)

WRIT 3433 - Comic Book Writing in American Culture (3)

WRIT 3435 - Writing and Healing (3)

WRIT 3520 - Revision, Grammar and Culture (3)

WRIT 4380 - Writing Grants and Proposals (3)

WRIT 4550 - Literacy and Identity (3)

WRIT 4560 - Writing Argument (3)

WRIT 4570 - Writing, Rhetoric, and Culture (3)

WRIT 4790 - Internship in Writing and Linguistics (1-6)

WRIT 5030 - Selected Topics in Writing (3)

WRIT 5130 - Modern English Grammar (3)

WRIT 5330 - History of English Language (3)

WRIT 5530 - Sociolinguistics (3)

WRIT 5550 - Technologies of Writing (3)

WRIT 5633 - Writing the Body (3)

WRIT 5650 - Writing for Publication (3)

WRIT 5930 - Technical Writing (3)

Linguistics

LING 3030 - Selected Topics in Linguistics (3)

LING 3031 - Phonology (3)

LING 3032 - Syntax (3)

LING 3337 - Language, Power, and Politics (3)

LING 3338 - Language and Law (3)

LING 3533 - Introduction to Language (3)

LING 3534 - Psychology of Language (3)

LING 4133 - Gullah and Geechee Language and Culture (3)

LING 4333 - Semantics (3)

LING 5130 - Modern English Grammar (3)

LING 5330 - History of the English Language (3)

LING 5530 - Sociolinguistics (3)

Minor - Required **15 Hours**

Electives (advisor approved) **15 Hours**

ADVISEMENT: All Writing and Linguistics majors, including students in the UHP, are advised by advisors in the Carroll Building.

PROGRAM ADMISSION CRITERIA: Students must have an institutional GPA of 2.0 or higher to become a major in Writing and Linguistics.

OTHER PROGRAM REQUIREMENTS: Writing and Linguistics majors must earn a grade of "C" or better in all courses in the major.

HONORS IN WRITING AND LINGUISTICS

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

- be admitted to the University Honors Program;
- successfully complete at least three credit hours of UHON 4191 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.

Jiann-Ping Hsu College of Public Health

Web: <http://jphcoph.georgiasouthern.edu>
 Email: jphcoph@georgiasouthern.edu

Dean: Greg Evans
 3023 Hendricks Hall
 P.O. Box 8015
 Voice: (912) 478-2674 Fax: (912) 478-5811
 Email: rgevans@georgiasouthern.edu

Associate Dean of Academic Affairs: Stuart Tedders
 3024 Hendricks Hall
 P.O. Box 8015
 Voice: (912) 478-2674 Fax: (912) 478-5811
 Email: stedders@georgiasouthern.edu

Assistant to the Dean: Belinda Classens
 3021 Hendricks Hall
 P.O. Box 8015
 Voice: (912) 478-2676 Fax: (912) 478-5811
 Email: bclassens@georgiasouthern.edu

The Jiann-Ping Hsu College of Public Health (JPHCOPH) created January 2006 and accredited by the Council on Education for Public Health (CEPH) in 2011 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 enhance health and eliminate disparities of rural communities and underserved populations in Georgia and the southeastern region, the nation and the world through excellence in public health workforce development, research, professional service and community engagement.

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: a) assessing and monitoring the health of communities and at-risk populations to identify health problems and establish priorities; b) formulating public policies in collaboration with community and government leaders designed to prioritize and solve local and national health problems; and c) 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.

GOALS

The Jiann-Ping Hsu College of Public health is committed to the pursuit of excellence in each of the following areas:

Workforce Development

- Provide five exceptional competency-based MPH degree programs in the core areas of public health that will ensure our graduates attain and demonstrate competencies that will contribute to the mission of JPHCOPH during their academic programs and throughout their careers.
- Provide three exceptional competency-based DrPH programs (in the areas of Public Health Leadership, Biostatistics and Community Health Behavior and Education) that graduate leaders of the public health workforce who contribute to the mission of JPHCOPH during their academic training and throughout their careers.
- Provide a competency-based MHA degree program that will ensure our graduates attain and demonstrate competencies that will contribute to the mission of JPHCOPH during their academic programs and throughout their careers.
- Ensure all of our graduates develop skills for lifelong learning, critical thinking, collaboration and visionary public health leadership.

Research

- Foster excellence in applied public health-related research that enhances the knowledge, processes, best practices and values to improve health in communities and eliminate health disparities among the rural and underserved populations of the state and region.

Service

- Facilitate public health-related community outreach, service learning, use of best practices, continuing education for workforce development and community service to improve health and eliminate health disparities among the rural and underserved populations of the state and region.
- Facilitate faculty and student involvement in national service activities and professional leadership roles to enhance public health.

Organizational

- Develop and continually enhance a sustainable College of Public Health with an emphasis on ongoing assessment and quality improvement processes.

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 that 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".

STRUCTURE

The organizational structure of the JPHCOPH was developed to facilitate the work of the faculty within the three major faculty roles at Georgia Southern University: Teaching, Research and Service as well as to assist the College in achieving its Vision, Mission, Goals, and Objectives.

Collaboration, facilitation and personal and collective responsibility are fundamental to the culture of JPHCOPH. Maintaining this culture is required for the effective functioning and advancement of our College.

The following is a listing of the components of the JPHCOPH organizational structure: Administration: Office of the Dean (Dean), Office of Academic Affairs (Associate Dean), Office of Public Health Research (Director), Office of Public Health Practice and Community Service (Coordinator), Public Health Laboratory (Director), and the Office of Student Services (Coordinator). The academic programs are embedded within a framework of Departments: Biostatistics, Community Health, Environmental Health Sciences, Epidemiology, and Health Policy and Management. Department Chairs are appointed by the Dean.

JPHCOPH houses three Research and Service Centers: Karl E. Peace Center for Biostatistics and Survey Research, Center for Rural Health and Research, and the Center for Addiction Recovery. College business is coordinated through standing and ad-hoc committees: Curriculum Committee, Promotion and Tenure Review Committee, Diversity Committee, Faculty Awards for Excellence Committee, Research Advisory Committee, Public Health Practice and Community Service Advisory Committee, Public Health Student Professional Development Fund – Travel Grant Committee, Dean's Student Advisory Committee, and the Public Health Practice Advisory Board.

The faculty of the JPHCOPH consist of the professors, associate professors, assistant professors, instructors and adjunct appointments in the five "core" public health Departments (Biostatistics, Community Health Behavior and Education, Environmental Health Sciences, Epidemiology, and Health Policy and Management). Responsibilities of the faculty within the College include teaching, scholarship, and service. In addition, faculty members may be assigned administrative duties by the Administrative Officers as deemed necessary for effective and efficient functioning of JPHCOPH. The faculty within each Department work in collaboration with the Administrative Officers within the JPHCOPH to advance the Vision, Mission, Values, Goals and Objectives.

Department of Biostatistics

Robert Vogel, Chair

Professor(s): K. Peace, R. Vogel

Associate Professor(s): H. Samawi, L. Yu

Assistant Professor(s): D. Linder

Instructor(s): R. Whitworth

Department of Community Health Behavior and Education

John Luque, Chair

Professor(s): L. Woodhouse

Associate Professor: J. Luque
 Assistant Professor(s): M. Alfonso, A. Hansen, R. Lawrence, L. Ross
 Instructor(s): E. Eisenhart, D. Keene

Department of Environmental Health Sciences

Brian Bossak, Chair
 Professor(s): G. Evans
 Associate Professor(s): B. Bossak, S. Charles, M. Eremeeva
 Assistant Professor(s): E. Afriyie-Gyawu, A. Aslan

Department of Epidemiology

Claire Robb, Chair
 Professor(s): S. Tedders
 Associate Professor(s): C. Robb, J. Warren, J. Zhang
 Assistant Professor(s): I. Fung
 Instructor(s): S. Peterson

Department of Health Policy and Management

Renee Hotchkiss, Chair
 Professor(s): G. Ledlow
 Associate Professor(s): R. Hotchkiss, R. Schwartz, G. Shah, J. Stephens, R. Toal
 Assistant Professor(s): Y. Tarasenko

Undergraduate Program

Professor(s): H. Bland
 Associate Professor(s): J. Chopak-Foss
 Assistant Professor(s): A. Colquitt

Office of Student Services

Sarah Peterson, Coordinator

Office of Public Health Research

Gulzar Shah, Director

Office of Public Health Practice and Community Service

Angela Peden, Coordinator

Center for Addiction Recovery

Emily Eisenhart, Director

Center for Rural Health and Research

Russell Toal, Director

Karl E. Peace Center for Biostatistics and Survey Research

Hani Samawi, Director

Public Health Laboratory

Marina Eremeeva, Director

M.H.A. Program

James Stephens, Director

PROGRAMS - UNDERGRADUATE

Health Science - B.S.H.S.
 Health Education and Promotion

PROGRAMS - GRADUATE

Public Health
 Public Health - M.P.H.
 Biostatistics
 Community Health
 Environmental Health Sciences

Epidemiology
 Health Policy and Management
 Public Health - Dr.P.H.
 Biostatistics
 Community Health Behavior and Education
 Public Health Leadership (Partially Online)
 Healthcare Administration - M.H.A.

ADVISEMENT

Undergraduate students with less than 60 credit hours are advised in the College of Health and Human Sciences Student Services Center. Undergraduate students with 60 credit hours or more are advised in the College of Public Health. Graduate students are advised by the Coordinator of Student Services and mentored by a faculty member from the Student's concentration area.

EXPERIENTIAL LEARNING OPPORTUNITIES

All M.P.H. students are required to complete a practicum experience and a capstone research project. The practicum and capstone research project are both competency-based. The 300 hour in agency practicum provides the student the opportunity to further develop and integrate skills learned in the classroom. An electronic portfolio about the practicum is submitted at completion of the 300 hours. The capstone research project requires completion of an independent, supervised research experience and a presentation about the project. Elements of these two experiences make up the culminating experience for the MPH.

All Dr.P.H. students are required to complete a preceptorship in Public Health, candidacy exams and a Dissertation. The preceptorship/field experience consists of 300 hours of field experience under the joint direction of a qualified specialist working in selected areas of public health. An electronic portfolio about the activities and outcomes of the experience is required upon completion of the preceptorship. Students must successfully pass a candidacy exam on the core and concentration competencies to begin the preceptorship and dissertation. The doctoral dissertation is a culminating experience that requires the student to synthesize and integrate knowledge and apply theory and principles learned to an area of public health practice within the area of concentration. The dissertation must also be presented and successfully defended before the faculty.

All M.H.A. students are required to complete a practicum. The practicum permits the student to receive practical experience in a selected health-related setting. The practicum requires 300 hours of service. A culminating experience highlighting this learning opportunity is required prior to completion of the M.H.A. program. As a culminating experience, all MHA practicum students must complete and present an expanded electronic portfolio of the activities and outcomes of the practicum.

Jiann-Ping Hsu College of Public Health Programs

HEALTH EDUCATION AND PROMOTION

B.S.H.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
BIOL 2240 - Microbiology (4)	
KINS 2511 - Human Anatomy and Physiology I Lab (1)	
KINS 2512 - Human Anatomy and Physiology II Lab (1)	
KINS 2531 - Human Anatomy and Physiology I (3)	
KINS 2532 - Human Anatomy and Physiology II (3)	
NTFS 2530 - Nutrition and Health (3)	
*Guided Elective (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Major Requirements	57 Hours
HLTH 2130 - Foundations of Health Education (3)	
HLTH 3128 - Multicultural and Social Determinants of Health (2)	
HLTH 3131 - Chronic Diseases: A Modern Epidemic (3)	
HLTH 3132 - Health Care Systems and Advocacy (3)	
HLTH 3136 - Principles of Environmental Health (3)	
HLTH 3230 - Community Health (3)	
HLTH 3231 - Epidemiology and Biostatistics (3)	
HLTH 3330 - Modifying Health Behaviors (3)	
HLTH 4132 - Program Planning in Health Education and Promotion (3)	
HLTH 4133 - Health Education and Promotion Program Planning II (3)	
HLTH 4134 - Research Methods and Evaluation in Health Education and Promotion (3)	
HLTH 4330 - Promotional Strategies for Health Programs (3)	
HLTH 4618 - Senior Seminar in Health Education and Promotion (1)	
**HLTH 4798 - Internship in Health Education and Promotion (12)	
Select <u>9 hours</u> from the following Directed Major Electives:	
HLTH 3130 - Substance Use and Abuse (3)	
HLTH 3331 - Stress Theory and Management in Health Promotion (3)	
HLTH 3430 - Sexuality Education (3)	
HLTH 3531 - Consumer Health (3)	
HLTH 4099 - Selected Topics in Health Science (1-3)	
HLTH 4099S - Selected Topics in Health Science (1-3)	
HLTH 4230 - Maternal and Child Health (3)	
HLTH 4231 - Health Aspects of Aging (3)	
HLTH 4899 - Directed Individual Study (1-3)	
HLTH 5195S - International Studies Abroad in Health and Kinesiology (3-9)	
Electives	3 Hours

ADVISEMENT: Students with less than 60 credit hours are advised in the College of Health and Human Sciences Student Services Center, Room 0107, Hollis Building, (912) 478-1931. Undergraduate students with 60 credit hours or more are advised in the College of Public Health, Hendricks Hall.

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 semester hours
- A minimum grade of “C” in all Area F course work attempted

PROGRAM PROGRESSION REQUIREMENTS:

- Students must also earn a minimum grade of “C” in a prerequisite course 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 or better to enroll in internship.

**Must be Biology or Chemistry Laboratory Science, excluding Environmental Laboratory Science Courses. One semester hour credit carry-over to Directed Major Electives.*

***Students not meeting the prerequisite requirements for the internship must complete a minor.*

College of Science and Mathematics

Interim Dean: Martha L. Abell
2141 Engineering Building
P. O. Box 8044
Phone (912) 478-5111
martha@georgiasouthern.edu

Associate Dean of Faculty and Research Programs: Karin Scarpinato
2141 Engineering Building
P. O. Box 8044
Phone (912) 478-5111
kscarpinato@georgiasouthern.edu

Associate Dean of Curriculum and Advisement: Brian Koehler
2141 Engineering Building
P. O. Box 8044
Phone (912) 478-5111
bkoehler@georgiasouthern.edu

In the College of Science and Mathematics, Bachelor of Science or Bachelor of Arts degrees can be pursued in the following majors: Biology, Chemistry, Geography, Geology, Mathematics, and Physics. Minors are available in Biology, Chemistry, Geographic Information Science, Geography, Geology, Mathematics, Military Science, and Physics. The College also offers Master of Science programs.

Students in the College of Science and Mathematics may also choose to pursue a pre-professional program of study in Pre-Medicine, Pre-Dentistry, Pre-Veterinary Medicine, Pre-Pharmacy, or Pre-Optometry. 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.

VISION

Within this decade, the College of Science and Mathematics will be recognized as a national leader in the development of innovative curricula and for its dedicated faculty who integrate distinguished scholarship with superior undergraduate and graduate education.

MISSION

The College of Science and Mathematics at Georgia Southern University is a diverse community of teacher-scholars, students, alumni, and friends engaged in the discovery, application, integration, and transformation of scientific and technological knowledge. Reflecting the best practices of our disciplines, the College provides undergraduate and graduate students with a challenging education that is research-based and technology-infused, and promotes life-long learning and stewardship for the benefit of the human, natural, and technological resources of Georgia, the nation, and the world.

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

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.

Faculty

Stephen P. Vives, Chair

Professors: J. E. Averett (Emeritus), L. Beati-Ziegler, S. N.

Bennett (Emerita), C. R. Chandler, J. B. Claiborne (Emeritus), J. Copeland, C. P. Cutler, J. R. Diebolt, D. Drapalik (Emeritus), L.A. Durden, F. E. French (Emeritus), Q. Fang, S. B. George, D. F. Gleason, D. V. Hagan (Emeritus), A.W. Harvey, W. A. Krissinger (Emeritus), L. M. Leege, B. P. Lovejoy (Emeritus), D. K. McLain, J. H. Oliver (Emeritus), J. W. Parrish (Emeritus), A. E. Pratt (Emerita), O. J. Pung, L. B. Regassa, D. C. Rostal, S. P. Vives, L. M. Wolfe

Associate Professors: D. Apanaskevich, J. M. Cawthorn, R.A.

Cohen, J. S. Harrison, W. S. Irby, K. Maur (Emerita), L. D. McBrayer, E.B. Mondor, K.D. Scarpinato

Assistant Professors: T. K. Anderson, D. P. Aubrey, J. C. Colon-Gaud, J. M. Lewis, S. K. Saha, V. K. Sittaramane, Z. R. Stahlschmidt, T. Wu

Lecturers: G. D. Carroll, L.A. Svec

Adjunct Professor: D. Nayduch, B. A. Schulte

Adjunct Instructors: D. H. Hurley, M. Tremblay

Department of Chemistry

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.

Faculty

John C. DiCesare, Chair

Professors: R. Boxer (Emeritus), J.C. DiCesare, C. Colvin

(Emeritus), C. M. D. McGibony, D. E. McLemore, J. A. Orvis, B. W. Ponder (Emeritus), C. R. Whitlock

Associate Professors: K. Aiken, A. J. Long Amonette, M. O.

Hurst, C. Kellogg (Emeritus), B. P. Koehler, D. Kreller, J. M. LoBue, W. Ming, R. Nelson (Emeritus), J. N. Orvis

Assistant Professors: R. Quirino, H. J. Schanz, M. A. Shaikh, A. Stewart, J. Wu

Lecturers: S. Landge, T. C. Osborne, R. Ramoutar

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 natural history of the Coastal Plain. Geography faculty interests include climatology, geomorphology, geospatial analysis, economic geography, health geography, cultural geography, and biogeography. Both programs emphasize the application of Geographic Information Science.

Faculty

Jeffrey Underwood, Chair

Professors: G. A. Bishop (Emeritus), D. B. Good (Emeritus), D. D. Rhodes (Emeritus), F. J. Rich, M. R. Welford

Associate Professors: J. H. Darrell (Emeritus), J. S. Reichard, C.

H. Trupe, W. Tu, R. K. Vance, R. A. Yarbrough

Assistant Professors: C. M. Hladik, C. W. Jackson, J. L. Kelly, K. M. Smith, J. T. Van Stan

Adjunct Professor: C. R. Alexander

Institute of Arthropodology and Parasitology

The Institute of Arthropodology and Parasitology (IAP) is an interdepartmental organization that provides an identity to an area of exceptional research and teaching strength on campus. Members of the IAP include faculty and students from several departments including biology, geology, geography, history, and psychology. It also has three full-time scientists and support personnel. Membership in the IAP is open to any researchers with an interest in arthropods (insects, mites, ticks, spiders, crabs, and other joint-legged animals) and parasites (viruses, bacteria, fungi, protozoa, worms, etc.). Several members are especially interested in diseases of humans, livestock, wildlife, and plants. The IAP serves as a center where persons with these types of interests can interact and focus on research and applied problems. The IAP is also the home of the U.S. National Tick Collection in association with the Smithsonian Institution in Washington DC.

Faculty

Stephen P. Vives, Interim Director

Professors: J. H. Oliver (Emeritus), L. Beati-Ziegler (Curator)

Associate Professors: D. Apanaskevich (Assistant Curator)

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.

Faculty

Sharon E. Taylor, Interim Chair

Professors: M. Abell, C. Champ, J. Davenport (Emeritus), R.

Hathaway (Emeritus), Y. Hu, G. Lesaja, X. Li, S. Ngai, B.

Oluyede, A. Pierce (Emerita), J. Solomon (Emeritus), A.

Sparks (Emeritus), D. Stone (Emeritus), S. Taylor, N. Wells (Emeritus), Y. Wu

Associate Professors: C. Christmas (Emeritus), J. Darley, P.

Humphrey, A. Jacob, C. Kariotis (Emeritus), S. Kersey, E.

Lavender (Emeritus), Y. Lin, B. McLean, F. Mynard, A.

Oganyan, J. Rafter (Emeritus), A. Sills, A. Stokolos, H. Wang,

C. Zhao, S. Zheng, J. Zhu

Assistant Professors: D. Bell (Emerita), R. Bogan (Emerita), J. Braselton, E. Hardy (Emerita), S. Lanier, J. Lynch (Emeritus), C. Magnant, C. Nessmith (Emerita), D. Saye (Emerita), C. Sikes (Emerita), P. Watkins (Emerita), L. Yocco

Visiting Assistant Professors: Y. Cheng, J. Dillies, G. Michalski, R. Piltner, F. Ziegler

Instructors: S. Barrs, L. Braselton

Senior Lecturers: B. Lee, M. Ransom

Lecturers: J. Hawkins, E. Iacob, E. Lakurigi, Z. Magnant, H. Nguyen

Visiting Instructors: N. Aggarwal, I. Edwards, J. Hoell, P.

Kaluarachchi, A. Mitra, A. Rogers, W. Rogers, C. Smith, A.

Spillman, M. Uchida, J. Zhang

Part-Time Instructors: A. Schneider, D. Stapleton (Emerita)

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.

Faculty

Gary Morea, Chair

Professor of Military Science: G. Morea

Adjunct Professors: C. Anderson, D. Chicola, B. Foster, J.

Horstman, D. King, S. Knable, E. Lindsay, T. Parks

Scholarship Enrollment Officer: W. Roberts

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.

Faculty

Clayton Heller, Chair

Professors: M. Edwards (Fuller E. Callaway Professor), C.

Heller, L. Ma, M. Payne (Emeritus), X. Wang, A. Woodrum (Emeritus), J. Zhang

Associate Professors: C. Dean, D. Gatch, W. Grant (Emeritus), J.

Higdon, C. Mobley (Emeritus), J. Rogers (Emeritus)

Assistant Professors: S. Higdon

Lecturer: A. Balaraman

Visiting Assistant Professor: M. Durach, J. Liétor-Santos, A. Rusina

Physics Laboratory Supervisor: F. Leach

Astronomy Laboratory Coordinator: R. Lowder

Adjunct Instructor: T. Deal

PROGRAMS - UNDERGRADUATE

Department of Biology

Bachelor of Arts with a major in Biology

Bachelor of Science in Biology

Department of Chemistry

Bachelor of Arts with a major in Chemistry
 Bachelor of Arts with a major in Chemistry (Concentration in
 Biochemistry)

Bachelor of Science in Chemistry
 Bachelor of Science in Chemistry (Concentration in
 Biochemistry)

**all degrees certified by the American Chemical Society*

Department of Geology and Geography

Bachelor of Arts with a major in Geography
 Bachelor of Science with a major in Geography
 Bachelor of Arts with a major in Geology
 Bachelor of Science with a major in Geology

Department of Mathematical Sciences

Bachelor of Science with a major in Mathematics
 Bachelor of Science in Mathematics

Department of Physics

Bachelor of Arts with a major in Physics
 Bachelor of Science in Physics

PROGRAMS - GRADUATE**Department of Biology**

Master of Science in Biology

Department of Chemistry

Master of Science in Physical Science

Department of Mathematical Sciences

Master of Science in Mathematics

**For a list of concentration areas, see the departmental web site
<http://math.georgiasouthern.edu/math/>

Department of Physics

Master of Science in Physical Science

ADVISEMENT

The COSM Advisement Center is located in the Engineering Building, room 1116. Students meet with their advisor for academic advisement on major requirements, course selection, registration and other student concerns during two meetings each semester. Students with majors in the following areas will be advised in the COSM Advisement Center: Biology, Chemistry, Geology, Geography, Mathematical Sciences, and Physics.

While advisors provide information and guidance, final responsibility for completion of degree requirements rests with the student. All Georgia Southern students will complete the Core Curriculum as outlined. All majors have specific mathematics and science requirements. Therefore, it is to the student's advantage to fit these specific requirements into the Core Curriculum whenever possible. In this way, both the Core Curriculum and the requirements of the major may be met.

Students may contact the COSM Advisement Center if they have questions about advising.

COSM Advisement Center
 Engineering Building, Room 1116

PO Box 8044-01
 (912) 478-0649
 (912) 478-2311 (Fax)
cosm-advisor@georgiasouthern.edu
cosm.georgiasouthern.edu/student/advising
 Lisa Vance, Coordinator: (912) 478-0525
 Jean Dixon, Academic Advisor: (912) 478-7304
 Kelly Gagel, Academic Advisor: (912) 478-2272
 Marilyn Hale, Academic Advisor: (912) 478-2312
 Jason Pollett, Academic Advisor: (912) 478-7686
 Maria Sibbald, Admin. Secretary: (912) 478-0649
 Jenna Tyson, Academic Advisor: (912) 478-7685

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, the following courses are recommended as part of or in addition to your current program of study.

CHEM - advisor recommended (12)

PHYS - advisor recommended: PHYS 2211, PHYS 2212, PHYS 3536 (12)

Earth-Space Science - advisor recommended (12)

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:

- ITEC 3430 - Instructional Technology for P-12 Education (3)
- SPED 3333 - Introduction to Special Education (3)

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 semester hour PPB block of courses with the required 50 hour field experience; **OR**
- BA/BS/BBA majors can take EDUC 2130 - Exploring Learning and Teaching concurrently with EDUC 2090 - PPB Practicum (50 contact hours in a school) – total of 3 credit hours. After taking EDUC 2130, those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
 - EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
 - EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)

NOTE: GACE Basic Skills 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 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, the following courses are recommended as part of or in addition to your current program of study.

BIOL - advisor recommended (12)

PHYS - advisor recommended: PHYS 2211, PHYS 2212, PHYS 3536 (12)

Earth-Space Science - advisor recommended (12)

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:

- ITEC 3430 - Instructional Technology for P-12 Education (3)
- SPED 3333 - Introduction to Special Education (3)

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 semester hour PPB block of courses with the required 50 hour field experience; **OR**
- BA/BS/BBA majors can take EDUC 2130 - Exploring Learning and Teaching concurrently with EDUC 2090 - PPB Practicum (50 contact hours in a school) – total of 3 credit hours. After taking EDUC 2130, those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
 - EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
 - EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)

NOTE: GACE Basic Skills 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 semester 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:

- ITEC 3430 - Instructional Technology for P-12 Education (3)
- SPED 3333 - Introduction to Special Education (3)

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 semester hour PPB block of courses with the required 50 hour field experience; **OR**
- BA/BS/BBA majors can take EDUC 2130 - Exploring Learning and Teaching concurrently with EDUC 2090 - PPB Practicum (50 contact hours in a school) – total of 3 credit hours. After taking EDUC 2130, those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
 - EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
 - EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)

NOTE: GACE Basic Skills 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. If all B.A. or B.S. Geology requirements are met, no other geology content courses are required. However, we strongly encourage students to pursue "broad fields" Science certification which includes the areas of biology, chemistry, earth science, and physics. To meet broad fields content requirements, the following courses are recommended as part of or in addition to your current program of study.

BIOL - advisor recommended (12)

CHEM - advisor recommended (12)

PHYS - advisor recommended: PHYS 2211, PHYS 2212, PHYS 3536 (12)

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:

- ITEC 3430 - Instructional Technology for P-12 Education (3)
- SPED 3333 - Introduction to Special Education (3)

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 semester hour PPB block of courses with the required 50 hour field experience; **OR**
- BA/BS/BBA majors can take EDUC 2130 - Exploring Learning and Teaching concurrently with EDUC 2090 - PPB Practicum (50 contact hours in a school) – total of 3 credit hours. After taking EDUC 2130, those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
 - EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
 - EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)

NOTE: GACE Basic Skills 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 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.

- MATH 3130 - College Geometry (3)
- MATH 5136 - History of Mathematics (3)
- MATH 5234 - Number Theory (3)
- STAT 5531 - Statistical Methods I (3)

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:
 - ITEC 3430 - Instructional Technology for P-12 Education (3)
 - SPED 3333 - Introduction to Special Education (3)

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 semester hour PPB block of courses with the required 50 hour field experience; **OR**

- BA/BS/BBA majors can take EDUC 2130 - Exploring Learning and Teaching concurrently with EDUC 2090 - PPB Practicum (50 contact hours in a school) – total of 3 credit hours. After taking EDUC 2130, those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)

NOTE: GACE Basic Skills 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 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, and physics. To meet broad fields content requirements, the following courses are recommended as part of or in addition to your current program of study.

- BIOL - advisor recommended (12)
- CHEM - advisor recommended (12)
- Earth-Space Science - advisor recommended (12)

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:

- ITEC 3430 - Instructional Technology for P-12 Education (3)
- SPED 3333 - Introduction to Special Education (3)

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 semester hour PPB block of courses with the required 50 hour field experience; **OR**
- BA/BS/BBA majors can take EDUC 2130 - Exploring Learning and Teaching concurrently with EDUC 2090 - PPB Practicum (50 contact hours in a school) – total of 3 credit hours. After taking EDUC 2130, those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
 - EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)
 - EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)

NOTE: GACE Basic Skills 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 Science and Mathematics Programs

BIOLOGY

B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1112 - Trigonometry (3) OR MATH 1113 - Pre-Calculus (4) (MATH 1112 preferable for BIOL students) OR MATH 1441 - Calculus I (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Select 4 hours from one of the following lecture and laboratory course pairs:	
GEOL 1121 - Introduction to the Earth (4)	
PHYS 1111 - Introduction to Physics I (3) and PHYS 1113 - Physics Lab I (1)	
PHYS 2211 - Principles of Physics I (3) and PHYS 1113 - Physics Lab I (1)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
BIOL 2107 - Principles of Biology I (3) and BIOL 2107L - Principles of Biology I Lab (1)	
BIOL 2108 - Principles of Biology II (3) and BIOL 2108L - Principles of Biology II Lab (1)	
CHEM 1145 - Principles of Chemistry I (4) and CHEM 1146 - Principles of Chemistry II (4)	
Foreign Language Level III (0-2)	
Math, Computer Science, Science Course approved by advisor (0-2)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	5 Hours
Carry-over from Area F (1)	
Select a 4 hour lecture and laboratory course pair from the following to complete an 8 hour sequence: (Students must complete 1 year of either Physics or Geology; first course in sequence should be counted in Area D1)	
GEOL 1122 - General Historical Geology (4)	
PHYS 1112 - Introduction to Physics II (3) and PHYS 1114 - Physics Lab II (1)	
PHYS 2212 - Principles of Physics II (3) and PHYS 1114 - Physics Lab II (1)	
Major Requirements	28 Hours
BIOL 3130 - Principles of Genetics (3)	
BIOL Evolution and Ecology Elective (3-4) (Level 3000 and above, see Dept. website for approved list)	
BIOL Organismal Elective (3-4) (Level 3000 and above, see Dept. website for approved list)	
BIOL Sub-Organismal Elective (3-4) (Level 3000 and above, see Dept. website for approved list)	
BIOL - Elective Courses (Level 3000 and above) (13-16)	
CHEM 5541 - Biochemistry I (4) may substitute for a BIOL Elective with advisor approval	
Three of the above courses must have a laboratory requirement (4 credit hour courses)	
One of the above courses must qualify as a "scientific process" course; see Dept. website for list of qualifying courses.	
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 hours of capstone courses can be applied to the B.A. degree.	
Foreign Language Requirements	0-6 Hours
Foreign Language Intermediate levels I & II (2001 & 2002)	
Electives	6-12 Hours
Minor (Required)	15 Hours
ADVISEMENT: COSM Advisement Center, Engineering Building, Room 1116, (912) 478-0649	
OTHER PROGRAM REQUIREMENTS:	
• No more than 30 hours of upper division coursework in Biology may count toward the 126 minimum for graduation.	
• Students must have a combined average of "C" or better for all biology courses.	

* The listed courses are recommended in Area D

HONORS IN BIOLOGY

For students entering the University Honors Program as freshman and seeking to complete the Departmental Honors in Biology, it is highly recommended that these freshmen complete:

Freshman/Sophomore Level Courses (22 hours)

- BIOL 2107H - Honors Principles of Biology I (3) and BIOL 2107L - Honors Principles of Biology I Laboratory (1)
- BIOL 2108H - Honors Principles of Biology II (3) and BIOL 2108L - Honors Principles of Biology II Laboratory (1)
- CHEM 1145H - Honors General Chemistry I (4)
- CHEM 1146H - Honors General Chemistry II (4)
- FYE 1220H - Honors First-Year Experience (2)

MATH 1441H - Honors Calculus I (4)

Required Biology Honors Courses:

Sophomore/Junior Level Courses (5 hours)

BIOL 2320H - Honors Research Methods in Biology (2) (typically in Area F)

BIOL 3630H - Honors Current Trends in Biological Research (3)

Junior/Senior Level Courses (6 hours)

BIOL 4895H - Honors Research (4)

BIOL 4999H - Honors Thesis (2)

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 2107 and BIOL 2108 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 2107, BIOL 2108, and BIOL 3130, 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.B., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1112 - Trigonometry (3) OR MATH 1113 - Pre-Calculus (4) (MATH 1112 preferable for BIOL students) OR MATH 1441 - Calculus I (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics.	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*Select 4 hours from one of the following lecture and laboratory course pairs:	
GEOL 1121 - Introduction to the Earth (4)	
PHYS 1111 - Introduction to Physics I (3) and PHYS 1113 - Physics Lab I (1)	
PHYS 2211 - Principles of Physics I (3) and PHYS 1113 - Physics Lab I (1)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
BIOL 2107 - Principles of Biology I (3) and BIOL 2107L - Principles of Biology I Lab (1)	
BIOL 2108 - Principles of Biology II (3) and BIOL 2108L - Principles of Biology II Lab (1)	
CHEM 1145 - Principles of Chemistry I (4) and CHEM 1146 - Principles of Chemistry II (4)	
Foreign Language Level III (0-2)	
Math, Computer Science, Science Course approved by advisor (0-2)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	20 Hours
Carry-over from Area F (1)	
BIOL 3130 - Principles of Genetics (3)	
CHEM 3341 - Organic Chemistry I (4)	
CHEM 3342 - Organic Chemistry II (4)	
MATH 1441 - Calculus I (1-4) (May be counted in Area D3 with 1 hour carryover to this section)	
Select a 4 hour lecture and laboratory course pair from the following to complete an 8 hour sequence: (Students must complete 1 year of either Physics or Geology; <u>first course in sequence should be counted in Area D1</u>)	
GEOL 1122 - General Historical Geology (4)	
PHYS 1112 - Introduction to Physics II (3) and PHYS 1114 - Physics Lab II (1)	
PHYS 2212 - Principles of Physics II (3) and PHYS 1114 - Physics Lab II (1)	
CHEM, GEOL, GEOG, MATH, PHYS, or STAT Electives approved by advisor (0-3)	
Major Requirements	32 Hours
BIOL Evolution and Ecology Elective (3-4) (Level 3000 and above, see Dept. website for approved list)	
BIOL Organismal Elective (3-4) (Level 3000 and above, see Dept. website for approved list)	
BIOL Sub-Organismal Elective (3-4) (Level 3000 and above, see Dept. website for approved list)	
BIOL - Elective Courses (Level 3000 and above) (20-23)	
CHEM 5541 - Biochemistry I (4) may substitute for a BIOL Elective with advisor approval	
Three of the above courses must have a laboratory requirement (BIOL 4 credit hour courses)	
One of the above courses must qualify as a "scientific process" course; see Dept. website for list of qualifying courses.	
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 hours of capstone courses can be applied to the B.A. degree.	
Electives (at least 6 hours must be outside Biology)	8 Hours
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OTHER PROGRAM REQUIREMENTS:	
• No more than 40 hours of upper division coursework (3000+) in Biology may count toward the 126 minimum for graduation.	
• Students must have a combined average of "C" or better for all biology courses.	

* The listed courses are recommended in Area D

HONORS IN BIOLOGY

For students entering the University Honors Program as freshman and seeking to complete the Departmental Honors in Biology, it is highly recommended that these freshmen complete:

Freshman/Sophomore Level Courses (22 hours)

- BIOL 2107H - Honors Principles of Biology I (3) and BIOL 2107L - Honors Principles of Biology I Laboratory (1)
- BIOL 2108H - Honors Principles of Biology II (3) and BIOL 2108L - Honors Principles of Biology II Laboratory (1)
- CHEM 1145H - Honors General Chemistry I (4)
- CHEM 1146H - Honors General Chemistry II (4)

FYE 1220H - Honors First-Year Experience (2)
MATH 1441H - Honors Calculus I (4)

Required Biology Honors Courses:

Sophomore/Junior Level Courses (5 hours)

BIOL 2320H - Honors Research Methods in Biology (2) (typically in Area F)

BIOL 3630H - Honors Current Trends in Biological Research (3)

Junior/Senior Level Courses (6 hours)

BIOL 4895H - Honors Research (4)

BIOL 4999H - Honors Thesis (2)

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 2107 and BIOL 2108 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 2107, BIOL 2108, and BIOL 3130, 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.

CHEMISTRY

B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
<i>**CHEM 1145 - Principles of Chemistry I (4) and CHEM 1146 - Principles of Chemistry II (4) (Recommended)</i>	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
MATH 1441 - Calculus I (4)	
MATH 2242 - Calculus II (4)	
PHYS 1113 - Physics Lab I (1)	
PHYS 1114 - Physics Lab II (1)	
PHYS 2211 - Principles of Physics I (3)	
PHYS 2212 - Principles of Physics II (3)	
Math, Computer Science, Science Course approved by advisor (2) - <i>may include carryover from Area A2 (1) and/or Area D (1)</i>	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	7 Hours
CHEM 2030 - Principles of Chemistry Research (3)	
CHEM 2242 - Analytical Chemistry (4)	
Major Requirements	28 Hours
CHEM 3140 - Advanced Inorganic Chemistry (4)	
CHEM 3341 - Organic Chemistry I (4)	
CHEM 3342 - Organic Chemistry II (4)	
CHEM 3441 - Chemical Kinetics & Thermodynamics (4)	
CHEM 5541 - Biochemistry I (4)	
<i>Students must take 8 hours selected from the list below, including at least one of the courses designated with an asterisk.</i>	
CHEM 3020 - Scientific Glassblowing (2)	
CHEM 3790 - Teaching Internship in Chemistry (0-1)	
*CHEM 4242 - Electrochemical Analysis (4)	
*CHEM 4243 - Principles of Chemical Separations (4)	
*CHEM 4244 - Advanced NMR Spectroscopy (4)	
CHEM 4790 - Chemistry Internship (0-4)	
CHEM 4890 - Chemical Research Experience (0-4)	
*CHEM 5233 - Environmental Chemistry (3)	
*CHEM 5331 - Advanced Organic Chemistry (3)	
*CHEM 5332 - Principles of Drug Design (3)	
*CHEM 5333 - Carbohydrate Chemistry (3)	
*CHEM 5531 - Bioinorganic Chemistry (3)	
*CHEM 5542 - Biochemistry II (4)	
Foreign Language Requirements (2002 Level)	0-6 Hours
Minor (Required)	15 Hours
Electives (At least 3 hours must be outside Chemistry)	4-10 Hours

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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 course work 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 earn a minimum grade of "C" in each Chemistry course which applies toward graduation.

***The listed courses are recommended in Area D as prerequisites for major courses.*

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
- 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.A., 126 HOURS

(Concentration In Biochemistry)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
<i>**CHEM 1145 - Principles of Chemistry I (4) and CHEM 1146 - Principles of Chemistry II (4) (Recommended)</i>	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
BIOL 2107L - Principles of Biology I Lab (1)	
MATH 1441 - Calculus I (4)	
MATH 2242 - Calculus II (4)	
PHYS 1113 - Physics Lab I (1)	
PHYS 1114 - Physics Lab II (1)	
PHYS 2211 - Principles of Physics I (3)	
PHYS 2212 - Principles of Physics II (3)	
Carryover from Area A2 (1) or Area D (1)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	10 Hours
BIOL 2107 - Principles of Biology I (3)	
CHEM 2030 - Principles of Chemistry Research (3)	
CHEM 2242 Analytical Chemistry (4)	
Major Requirements	29 Hours
CHEM 3140 - Advanced Inorganic Chemistry (4)	
CHEM 3341 - Organic Chemistry I (4)	
CHEM 3342 - Organic Chemistry II (4)	
CHEM 3441 - Chemical Kinetics & Thermodynamics (4)	
CHEM 5541 - Biochemistry I (4)	
CHEM 5542 - Biochemistry II (4)	
<i>Students must take 5 hours from the list below.</i>	
CHEM 3020 - Scientific Glassblowing (2)	
CHEM 3790 - Teaching Internship in Chemistry (1-3)	
CHEM 4241 - Instrumental Analysis (4)	
CHEM 4242 - Electrochemical Analysis (4)	
CHEM 4243 - Principles of Chemical Separations (4)	
CHEM 4244 - Advanced NMR Spectroscopy (4)	
CHEM 4790 - Chemistry Internship (1-4)	
CHEM 4890 - Chemical Research Experience (1-4)	
CHEM 5233 - Environmental Chemistry (3)	
CHEM 5331 - Advanced Organic Chemistry (3)	
CHEM 5332 - Principles of Drug Design (3)	
CHEM 5333 - Carbohydrate Chemistry (3)	
CHEM 5531 - Bioinorganic Chemistry (3)	
Foreign Language Requirements (2002 Level)	0-6 Hours
Minor (Biology)	15 Hours
BIOL 2108 - Principles of Biology II (3)	
BIOL 2108L - Principles of Biology II Lab (1)	
BIOL - Upper division Biology courses (11) (<i>Advisor must approve all course work</i>)	
Electives	0-6 Hours

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PROGRAM ADMISSION CRITERIA:

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- 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 earn a minimum grade of "C" in each Chemistry course which applies toward graduation.

***The listed courses are recommended in Area D as prerequisites for major courses.*

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
- 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.CHEM., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
<i>**CHEM 1145 - Principles of Chemistry I (4) and CHEM 1146 - Principles of Chemistry II (4) (Recommended)</i>	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
MATH 1441 - Calculus I (4)	
MATH 2242 - Calculus II (4)	
PHYS 1113 - Physics Lab I (1)	
PHYS 1114 - Physics Lab II (1)	
PHYS 2211 - Principles of Physics I (3)	
PHYS 2212 - Principles of Physics II (3)	
Math, Computer Science, Science Course approved by advisor (2) - <i>may include carryover from Area A2 (1) and/or Area D (1)</i>	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	7 Hours
CHEM 2030 - Principles of Chemistry Research (3)	
CHEM 2242 Analytical Chemistry (4)	
Major Requirements	39 Hours
CHEM 3140 - Advanced Inorganic Chemistry (4)	
CHEM 3341 - Organic Chemistry I (4)	
CHEM 3342 - Organic Chemistry II (4)	
CHEM 3441 - Chemical Kinetics & Thermodynamics (4)	
CHEM 3442 - Introduction to Quantum Chemistry (4)	
CHEM 4241 - Instrumental Analysis (4)	
CHEM 5541 - Biochemistry I (4)	
<i>Students must take <u>11 additional hours</u> from the list below, including at least two of the courses designated with an asterisk.</i>	
CHEM 3020 - Scientific Glassblowing (2)	
CHEM 3790 - Teaching Internship (0-1)	
*CHEM 4242 - Electrochemical Analysis (4)	
*CHEM 4243 - Principles of Chemical Separations (4)	
*CHEM 4244 - Advanced NMR Spectroscopy (4)	
CHEM 4790 - Chemistry Internship (0-4)	
CHEM 4890 - Chemical Research Experience (0-4)	
*CHEM 5233 - Environmental Chemistry (3)	
*CHEM 5331 - Advanced Organic Chemistry (3)	
*CHEM 5332 - Principles of Drug Design (3)	
*CHEM 5333 - Carbohydrate Chemistry (3)	
*CHEM 5531 - Bioinorganic Chemistry (3)	
*CHEM 5542 - Biochemistry II (4)	
Electives (At least 3 hours must be outside Chemistry)	14 Hours

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- 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 earn a minimum grade of "C" in each chemistry course which applies toward graduation.

***The listed courses are recommended in Area D as prerequisites for major courses.*

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
- 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.CHEM., 126 HOURS

(Concentration In Biochemistry)

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
<i>**CHEM 1145 - Principles of Chemistry I (4) and CHEM 1146 - Principles of Chemistry II (4) (Recommended)</i>	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
MATH 1441 - Calculus I (4)	
MATH 2242 - Calculus II (4)	
PHYS 1113 - Physics Lab I (1)	
PHYS 1114 - Physics Lab II (1)	
PHYS 2211 - Principles of Physics I (3)	
PHYS 2212 - Principles of Physics II (3)	
Math, Computer Science, Science Course approved by advisor (2) - <i>may include carryover from Area A2 (1) and/or Area D (1)</i>	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	15 Hours
BIOL 2107 - Principles of Biology I (3)	
BIOL 2107L - Principles of Biology I Lab (1)	
BIOL 2108 - Principles of Biology II (3)	
BIOL 2108L - Principles of Biology II Lab (1)	
CHEM 2030 - Principles of Chemistry Research (3)	
CHEM 2242 Analytical Chemistry (4)	
Major Requirements	38 Hours
CHEM 3140 - Advanced Inorganic Chemistry (4)	
CHEM 3341 - Organic Chemistry I (4)	
CHEM 3342 - Organic Chemistry II (4)	
CHEM 3441 - Chemical Kinetics & Thermodynamics (4)	
CHEM 3442 - Introduction to Quantum Chemistry (4)	
CHEM 5541 - Biochemistry I (4)	
CHEM 5542 - Biochemistry II (4)	
<i>Students must take 4 hours from the list below.</i>	
CHEM 3020 - Scientific Glassblowing (2)	
CHEM 3790 - Teaching Internship (0-1)	
CHEM 4241 - Instrumental Analysis (4)	
CHEM 4242 - Electrochemical Analysis (4)	
CHEM 4243 - Principles of Chemical Separations (4)	
CHEM 4244 - Advanced NMR Spectroscopy (4)	
CHEM 4790 - Chemistry Internship (0-4)	
CHEM 4890 - Chemical Research Experience (0-4)	
CHEM 5233 - Environmental Chemistry (3)	
CHEM 5331 - Advanced Organic Chemistry (3)	
CHEM 5332 - Principles of Drug Design (3)	
CHEM 5333 - Carbohydrate Chemistry (3)	
CHEM 5531 - Bioinorganic Chemistry (3)	
<i>Students must also take 6 hours selected from the list below.</i>	
BIOL 3130 - Genetics (3)	
BIOL 3230 - Introduction to Immunology (3)	
BIOL 3240 - Biology of Microorganisms (4)	
BIOL 4890 - Undergraduate Research (0-3)	
BIOL 5142 - Molecular Biotechniques (4)	
BIOL 5240 - Histology (4)	
BIOL 5241 - Comparative Vertebrate Anatomy (4)	
BIOL 5246 - Human Pathophysiology (4)	
BIOL 5248 - Immunology (4)	
BIOL 5341 - Parasitology (4)	
BIOL 5431 - Virology (3)	

CHEM 5531 - Bioinorganic Chemistry (3)

Electives (At least 3 hours must be outside Chemistry).....7 Hours

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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 course work 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 earn a minimum grade of "C" in each Chemistry course which applies toward graduation.

***The listed courses are recommended in Area D as prerequisites for major courses.*

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
- 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).

GEOGRAPHY B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1101 - Mathematical Modeling (3) OR MATH 1111 - College Algebra (3)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
Foreign Language 2002 - Intermediate II (3)	
STAT 2231 - Introduction to Statistics I (3)	
Electives:	
Foreign Language through 2001 (3-9)	
ANTH 1102 - Introduction to Anthropology (3)	
HIST 1111 - Development of World Civilization (3)	
INTS 2130 - Introduction to International Studies (3)	
PHIL 2020 - Critical Thinking (3)	
SOCL 1101 - Introduction to Sociology (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	28 Hours
Geography Requirements	
GEOG 1101 - Introduction to Human Geography (3)	
GEOG 1111 - Climate and the Landscape (3)	
Select <u>one</u> of the following:	
GEOG 3440 - Introduction to GIS and Cartography (4)	
GEOG 3741 - Remote Sensing (4)	
Select <u>one</u> of the following:	
AAST 3230 - Introduction to Africana Studies (3)	
ANTH 3331 - Cultural Anthropology (3)	
INTS 3230 - Global Issues (3)	
Select <u>five</u> of the following:	
GEOG 3130 - Conservation (3)	
GEOG 3230 - Economic Geography (3)	
GEOG 3330 - Weather and Climate (3)	
GEOG 3530 - Cultural Geography (3)	
GEOG 4130 - Biogeography (3)	
GEOG 4232 - Geography of Latin America (3)	
GEOG 4233 - Geography of Asia (3)	
GEOG 4330 - Geography of Africa South of the Sahara (3)	
GEOG 4430 - Geography of Europe (3)	
GEOG 5130 - Historical Geography of North America (3)	
GEOG 5230 - Urban Geography (3)	
GEOG 5330 - Population Geography (3)	
GEOG 5430 - Political Geography (3)	
Electives	17 Hours
Minor: Approved by advisor. (Strongly recommend minor in GIS)	15 Hours

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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 hours of coursework and approval of Geology and Geography faculty to commence the Honors program.

To graduate with Honors in Geography, a student must:

- Maintain a minimum GPA of 3.5 in the major and a 3.2 in a minor.
- Complete a senior thesis (BA or BS degree) with a minimum grade of “B” in GEOG 4610. The thesis will be supervised by a Geology/Geography faculty member.
- Complete a GEOG 4120, GEOG 4820, and GEOG 4610 (3 semester research sequence) for a total of 4 hours.
- Present a departmental seminar on the thesis research.

GEOGRAPHY

B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1112 - Trigonometry (3) OR MATH 1113 - Pre-Calculus (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CISM 1110 - Computer Applications (1)	
CISM 1120 - Computer Concepts (2)	
MATH 1441 - Calculus I (4)	
STAT 2231 - Introduction to Statistics I (3)	
Select <u>two</u> of the following electives:	
GEOG 1111 - Climate and the Landscape (3) and GEOG 1110 - Climate and the Landscape Lab (1)	
BIOL 1130 - General Biology (3) and BIOL 1110 - General Biology Lab (1), <i>if not taken in Area D</i>	
CHEM 1145 - Principles of Chemistry I (4), <i>if not taken in Area D</i>	
GEOL 1121 - Introduction to the Earth (4), <i>if not taken in Area D</i>	
GEOL 1340 - Environmental Geology (4), <i>if not taken in Area D</i>	
PHYS 1111 - Introduction to Physics I (3) and PHYS 1113 - Physics Lab I (1), <i>if not taken in Area D</i>	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	38 Hours
Select <u>two</u> of the following courses in Human Geography:	
GEOG 3230 - Economic Geography (3)	
GEOG 3530 - Cultural Geography (3)	
GEOG 5230 - Urban Geography (3)	
GEOG 5330 - Population Geography (3)	
GEOG 5430 - Political Geography (3)	
Select <u>two</u> of the following courses in Physical Geography:	
GEOG 3130 - Conservation (3)	
GEOG 3330 - Weather and Climate (3)	
GEOG 4130 - Biogeography (3)	
GEOG 5530 - Geomorphology (3)	
Select <u>two</u> of the following courses in Regional Geography:	
GEOG 4131 - Geography of American South (3)	
GEOG 4232 - Geography of Latin America (3)	
GEOG 4233 - Geography of Asia (3)	
GEOG 4330 - Geography of Africa South of the Sahara (3)	
GEOG 5130 - Geography of Europe (3)	
Required Courses:	
GEOG 1101 - Introduction to Human Geography (3)	
GEOG 3440 - Introduction to GIS and Cartography (4)	
GEOG 4120 - Introduction to Research (2)	
GEOG 4542 - Intermediate GIS (4)	
GEOG 4610 - Senior Thesis Seminar (1)	
GEOG 4820 - Senior Thesis Research (2)	
Select <u>one</u> of the following Elective courses:	
GEOG 3741 - Remote Sensing (4)	
GEOG 4543 - Advanced GIS (4)	
Electives	19-22 Hours
Foreign Language (2001 Level)	0-3 Hours
Carryover from the Core, if applicable (3)	

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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 hours of coursework and approval of Geology and Geography faculty to commence the Honors program.

To graduate with Honors in Geography, a student must:

- Maintain a minimum GPA of 3.5 in the major and a 3.2 in a minor.
- Complete a senior thesis (BA or BS degree) with a minimum grade of “B” in GEOG 4610. The thesis will be supervised by a Geology/Geography faculty member.
- Complete a GEOG 4120, GEOG 4820, and GEOG 4610 (3 semester research sequence) for a total of 4 hours.
- Present a departmental seminar on the thesis research.

GEOLOGY

B.A., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1112 - Trigonometry (3) OR MATH 1113 - Pre-Calculus (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Related to Major	18 Hours
<i>(Students must complete CHEM 1145, CHEM 1146, GEOL 1121, and GEOL 1122 if not taken in Area D)</i>	
CHEM 1145 - Principles of Chemistry I (4)	
CHEM 1146 - Principles of Chemistry II (4)	
GEOL 1121 - Introduction to the Earth (4)	
GEOL 1122 - Historical Geology (4)	
Carryover from Area D (1)	
Electives:	
BIOL 1130 - General Biology (3) and BIOL 1110 - General Biology Lab (1)	
MATH 1441 - Calculus I (4)	
MATH 2242 - Calculus II (4)	
PHYS 1111 - Introduction to Physics I (3) and PHYS 1113 - Physics Lab I (1)	
PHYS 1112 - Introduction to Physics II (3) and PHYS 1114 - Physics Lab II (1)	
STAT 2231 - Introduction to Statistics I (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	25 Hours
Geology Requirements	
GEOL 3541 - Mineralogy (4)	
GEOL 3542 - Petrology and Petrography (4)	
GEOL 5142 - Stratigraphy and Sedimentation (4)	
GEOL 5440 - Structural Geology (4)	
Geology Electives (9) - (3000 level and above)	
Electives	14 - 20 Hours
Foreign Language (2002 Level)	0-6 Hours
Minor: Must be approved by advisor	15 Hours

ADVISEMENT: COSM Advisement Center, Engineering Building, Room 1116, (912) 478-0649

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 hours of coursework and approval of Geology and Geography faculty to commence the Honors program.

To graduate with Honors in Geology, a student must:

- Maintain a minimum GPA of 3.5 in the major and a 3.2 in a minor.
- Complete a senior thesis (BA or BS degree) with a minimum grade of "B" in GEOL 4610. The thesis will be supervised by a Geology/Geography faculty member.
- Complete a GEOL 4120, GEOL 4820, and GEOL 4610 (3 semester research sequence) for a total of 4 hours. A minimum grade of "B" is required in GEOL 4120 to continue the research sequence.
- Present a departmental seminar on the thesis research.

GEOLOGY

B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1112 - Trigonometry (3) OR MATH 1113 - Pre-Calculus (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
*GEOL 1121 - Introduction to the Earth (4) and GEOL 1122 - General Historical Geology (4)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
CHEM 1145 - Principles of Chemistry I (4)	
CHEM 1146 - Principles of Chemistry II (4)	
MATH 1441 - Calculus I (4)	
MATH 2242 - Calculus II (4) OR STAT 2231 - Introduction to Statistics (3)	
BIOL 1130 - General Biology I (3)	
BIOL 1110 - General Biology Lab (1)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	39-40 Hours
Carry over from Area D (1)	
Carry over from Area F (1-2)	
GEOL 3520 - Field Methods (2)	
GEOL 3541 - Mineralogy (4)	
GEOL 3542 - Petrology and Petrography (4)	
GEOL 4120 - Introduction to Research (2)	
GEOL 4610 - Senior Seminar (1)	
GEOL 4820 - Senior Thesis Research (2)	
GEOL 5142 - Stratigraphy and Sedimentation (4)	
GEOL 5440 - Structural Geology (4)	
PHYS 1111 - Introduction to Physics I (3)	
PHYS 1112 - Introduction to Physics II (3)	
PHYS 1113 - Physics Lab I (1)	
PHYS 1114 - Physics Lab II (1)	

Guided Elective (6) *NOTE: Guided elective must be a 6 hour Geology field course - permission of advisor required*

(All B.S. Geology students must complete BIOL 1130, BIOL 1110, CHEM 1145, CHEM 1146, GEOL 1121, GEOL 1122, MATH 1441, MATH 2242 or STAT 2231, PHYS 1111, PHYS 1112, PHYS 1113, and PHYS 1114.)

Electives	17-18 Hours
Foreign Language (2001 Level)	3 Hours

ADVISEMENT: COSM Advisement Center, Engineering Building, Room 1116, (912) 478-0649

PROGRAM REQUIREMENTS

- Geology majors must maintain an overall 2.0 GPA across all Geology coursework (any course with GEOL prefix).

* *The listed courses are recommended in Area D*

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 hours of coursework and approval of Geology and Geography faculty to commence the Honors program.

To graduate with Honors in Geology, a student must:

- Maintain a minimum GPA of 3.5 in the major and a 3.2 in a minor.
- Complete a senior thesis (BA or BS degree) with a minimum grade of "B" in GEOL 4610. The thesis will be supervised by a Geology/Geography faculty member.
- Complete a GEOL 4120, GEOL 4820, and GEOL 4610 (3 semester research sequence) for a total of 4 hours. A minimum grade of "B" is required in GEOL 4120 to continue the research sequence.
- Present a departmental seminar on the thesis research.

MATHEMATICS

B.S., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1112 - Trigonometry (3) OR MATH 1113 - Pre-Calculus (4) OR MATH 1441 - Calculus I (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
MATH 1441 - Calculus I (4) if not taken in Area A2, otherwise recommend MATH 2242 - Calculus II (4)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
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 (1-4) <i>1 credit carryover from Area D if 3 of the 4 credit hours of MATH 2242 are taken in Area D</i>	
MATH 2243 - Calculus III (4)	
MATH 2331 - Elementary Linear Algebra (3)	
MATH 2332 - Mathematical Structures (3)	
Select <u>one</u> of the following Computer Science Courses or a course approved by Mathematics Advisor:	
CSCI 1232 - Introduction to FORTRAN Programming (3)	
CSCI 1236 - Introduction to Java Programming (3)	
CSCI 1301 - Programming Principles I (4)	
CSCI 1302 - Programming Principles II (3)	
Foreign Language up to 2001 (3) OR INTS 2130 - Introduction to International Studies (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	4-10 Hours
Lab Science Course in addition to those taken in Area D (4)	
Foreign Language course(s) through 2001 (3-6) OR INTS 2130 - Introduction to International Studies (3) if <u>not</u> completed above	
Major Requirements	32 Hours
Required courses	
MATH 3230 - Ordinary Differential Equations (3)	
MATH 3337 - Probability (3)	
MATH 4920 - Undergraduate Seminar (2)	
MATH 5331 - Analysis I (3)	
MATH 5333 - Modern Algebra I (3)	
Select <u>six</u> of the following elective courses: (<i>must include at least MATH 5332, MATH 5334, or MATH 5335</i>)	
MATH 3130 - College Geometry (3)	
MATH 4630 - Game Theory (3)	
MATH 4890 - Directed Study in Mathematics (3)	
MATH 4930 - Senior Research Project (3)	
MATH 5090 - Selected Topics in Mathematics (3)	
MATH 5136 - History of Mathematics (3)	
MATH 5230 - Advanced Geometry (3)	
MATH 5234 - Number Theory (3)	
MATH 5330 - Operations Research (3)	
MATH 5332 - Analysis II (3)	
MATH 5334 - Modern Algebra II (3)	
MATH 5335 - Intermediate Linear Algebra (3)	
MATH 5336 - Applied Numerical Methods (3)	
MATH 5337 - Difference Equations (3)	
MATH 5338 - Methods of Applied Mathematics (3)	
MATH 5339 - Partial Differential Equations (3)	
MATH 5430 - Introduction to Mathematical Biology (3)	
MATH 5431 - Combinatorics and Graph Theory (3)	
MATH 5433 - Differential Geometry (3)	
MATH 5434 - Functions of a Complex Variable (3)	
MATH 5435 - Introduction to Topology (3)	
MATH 5436 - Introduction to Fractals (3)	
MATH 5437 - Mathematics and Computation of Curves and Surfaces (3)	
MATH 5539 - Mathematical Models (3)	
STAT 4090 - Selected Topics in Statistics (3)	
STAT 4890 - Directed Study in Statistics (3)	
STAT 5130 - Sampling and Survey Methods (3)	

STAT 5330 - Introduction to Mathematical Statistics (3)

STAT 5531 - Statistical Methods I (3)

STAT 5532 - Statistical Methods II (3)

Concentration in Mathematics Education:

Students who choose the option of a Concentration in Mathematics Education are required to take MATH 3130, MATH 5136, MATH 5234 and STAT 5531 as four of their six mathematics electives. These four courses are also a requirement for admission to the M.A.T. (Master of Arts in Teaching) program with a concentration in Mathematics.

Electives **18-24 Hours**

Carryover from Area A2 (1) if MATH 1113 is taken in Area A2

For the Concentration in Mathematics Education, the courses that are listed in the Pre-Professional Block (PPB) are recommended for the M.A.T.

ADVISEMENT: COSM Advisement Center, Engineering Building, Room 1116, (912) 478-0649

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 towards graduation a lower level MATH or STAT course after earning credit for a course that has the lower level course as a prerequisite (except by advisor's permission).

HONORS IN MATHEMATICS

To graduate with Honors in Mathematics, a student must:

- be admitted to the University Honors Program at least three semesters prior to graduation;
- successfully complete MATH 4825H - Honors Research (2) for two semesters and MATH 4929H - Honors Thesis (2) for a total of six 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 Mathematics and "Honors in Mathematics" may use the six hours earned through MATH 4825H and MATH 4929H as part of the Mathematics Electives. Therefore, these students will select four courses instead of six courses from the Mathematics Electives.

MATHEMATICS

B.S. Mat., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1112 - Trigonometry (3) OR MATH 1113 - Pre-Calculus (4) OR MATH 1441 - Calculus I (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
MATH 1441 - Calculus I (4) if not taken in Area A2, otherwise recommend MATH 2242 - Calculus II (4)	
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
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 (1-4) <i>1 credit carryover from Area D if 3 of the 4 credit hours of MATH 2242 are taken in Area D</i>	
MATH 2243 - Calculus III (4)	
MATH 2331 - Elementary Linear Algebra (3)	
MATH 2332 - Mathematical Structures (3)	
Select <u>one</u> of the following Computer Science Courses or a course approved by Mathematics Advisor:	
CSCI 1232 - Introduction to FORTRAN Programming (3)	
CSCI 1236 - Introduction to Java Programming (3)	
CSCI 1301 - Programming Principles I (4)	
CSCI 1302 - Programming Principles II (3)	
Foreign Language up to 2001 (3) OR INTS 2130 - Introduction to International Studies (3)	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirement	0-6 Hours
Foreign Language course(s) through 2001 (3-6) OR INTS 2130 - Introduction to International Studies (3) if <u>not</u> completed above	
Major Requirements	44 Hours
Required courses	
MATH 3230 - Ordinary Differential Equations (3)	
MATH 3337 - Probability (3)	
MATH 4920 - Undergraduate Seminar (2)	
MATH 5331 - Analysis I (3)	
MATH 5333 - Modern Algebra I (3)	
MATH 5335 - Intermediate Linear Algebra (3)	
MATH 5336 - Applied Numerical Methods (3)	
STAT 5531 - Statistical Methods I (3)	
Select <u>seven</u> of the following elective courses: (<i>must include at least MATH 5332 or MATH 5334</i>)	
MATH 3130 - College Geometry (3)	
MATH 4630 - Game Theory (3)	
MATH 4890 - Directed Study in Mathematics (3)	
MATH 4930 - Senior Research Project (3)	
MATH 5090 - Selected Topics in Mathematics (3)	
MATH 5136 - History of Mathematics (3)	
MATH 5230 - Advanced Geometry (3)	
MATH 5234 - Number Theory (3)	
MATH 5330 - Operations Research (3)	
MATH 5332 - Analysis II (3)	
MATH 5334 - Modern Algebra II (3)	
MATH 5337 - Difference Equations (3)	
MATH 5338 - Methods of Applied Mathematics (3)	
MATH 5339 - Partial Differential Equations (3)	
MATH 5430 - Introduction to Mathematical Biology (3)	
MATH 5431 - Combinatorics and Graph Theory (3)	
MATH 5433 - Differential Geometry (3)	
MATH 5434 - Functions of a Complex Variable (3)	
MATH 5435 - Introduction to Topology (3)	
MATH 5436 - Introduction to Fractals (3)	
MATH 5437 - Mathematics and Computation of Curves and Surfaces (3)	
MATH 5539 - Mathematical Models (3)	
STAT 4090 - Selected Topics in Statistics (3)	
STAT 4890 - Directed Study in Statistics (3)	
STAT 5130 - Sampling and Survey Methods (3)	

STAT 5330 - Introduction to Mathematical Statistics (3)

STAT 5532 - Statistical Methods II (3)

Electives **10-16 Hours**

Carryover from Area A2 (1) if MATH 1113 is taken in Area A2

ADVISEMENT: COSM Advisement Center, Engineering Building, Room 1116, (912) 478-0649

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 towards graduation a lower level MATH or STAT course after earning credit for a course that has the lower level course as a prerequisite (except by advisor’s permission).

HONORS IN MATHEMATICS

To graduate with Honors in Mathematics, a student must:

- be admitted to the University Honors Program at least three semesters prior to graduation;
- successfully complete MATH 4825H - Honors Research (2) for two semesters and MATH 4929H - Honors Thesis (2) for a total of six hours;
- be in good standing in the University Honors Program at the time of graduation.

Note: Students earning the B.S. in Mathematics and “Honors in Mathematics” may use the six hours earned through MATH 4825H and MATH 4929H as part of the Mathematics Electives. Therefore, these students will select five courses instead of seven courses from the Mathematics Electives.

MILITARY SCIENCE NON-DEGREE, 15-32 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 Monday, Wednesday and Fridays from 0600 - 0700 hours.

Basic Course.....**3-8 Hours**
Students may take four 2-hour courses (8 Hours) or MSCI 2731 - Basic Military Skills Practicum (3) or a combination of the two in order to receive Basic Course credit.

Basic Course Requirements:

- MSCI/KINS 1510 - Mountaineering (1) and MSCI 1111 - Introduction to Military Science (1)
- MSCI 1122 - Marksmanship/Basic Military Leadership (2)
- MSCI 2121 - Basic Military Skills (2)
- MSCI 2122 - Basic Military Tactics (2)

MSCI 2731 - Basic Military Skills Practicum (3) (registration optional) - The Leadership Training Course is offered for those students who have not met the Basic Course requirements and desire to enroll in the Advance 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 courses in the following areas: communications skills, computer literacy, and military history. 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 Leadership Development and Assessment Course (LDAC), 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 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.

Advanced Course Credit.....**12-15 Hours**

- MSCI 3131 - Advanced Tactics and Applied Leadership I (3)
- MSCI 3132 - Advanced Tactics and Applied Leadership II (3)
- MSCI 4131 - Military Leadership and Management Seminar (3)
- MSCI 4132 - Transition to Lieutenant (3)

MSCI 3731 - Advanced Military Skills Practicum (3) (registration optional) - This course is mandatory for all students seeking a commission in the U.S. Army but registration for university credit is optional. The ROTC Leader Development and Assessment Course (LDAC) or operation WARRIOR FORGE is the most important training event for an Army ROTC Cadet. 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. WARRIOR FORGE 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. Students attending this camp are paid and given travel allowance from their home to camp and back.

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.

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 obtain this medical statement from Health Services on campus. Students interested in earning a commission in the U.S. Army and enrolling in the Advanced Course require a Department of Defense Medical Evaluation Review Board physical, must be an academic junior or higher, have a GPA of 2.0 or better, have an SAT score of 920 or higher or an ACT score 19, be a U.S. citizen, have no moral obligations or personal conviction preventing service, satisfactorily explain any record of arrest and/or civil conviction, be a high school graduate or possess an equivalent certificate, pass the Army Physical Fitness Test and must demonstrate a potential for further leadership development. Additionally, Veterans, JROTC graduates (with at least four years of high school 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.

OTHER PROGRAM REQUIREMENTS 9 Hours
Professional Military Education (PME) requirements are for students seeking a commission in the U.S. Army. Students must take 3 hours in each area with a preference in History 3230 for a Minor. The following is a list of PME classes:

COMMUNICATION SKILLS (written and oral)

ENGL 1101 - English Composition (3) (Core Curriculum - Area A1)

ENGL 1102 - English Composition (3) (Core Curriculum - Area A1)

WRIT 3230 - Writing in the Workplace (3)

WRIT 4130 - Advanced Composition (3)

MILITARY HISTORY

HIST 3136 - U.S. as a Global Power (3)

HIST 3230 - American Military History (3) (preferred)

HIST 4531 - World War I (3)

HIST 5335 - World War II (3)

COMPUTER LITERACY

CISM 1110 - Computer Applications (1)

CISM 1120 - Computer Concepts (2)

Participating Students Requirements (CC Pam 145-4/AR 145-1)

- Participating students are those who choose not to or are ineligible to sign the **CC Form 139-R**, Cadet Enrollment Record, and therefore are not enrolled cadets. They are divided into the categories below. All categories of participating students who meet the requirements set by the school authorities may take Army ROTC classes for all 4 years. Participation in other than classroom instruction is not authorized. Specific grades and grade point averages (GPA) are awarded to these students for classroom work only and the policies set by the school authorities.
- ROTC participating students are students who participate in military science courses but are not fully enrolled in ROTC. They are divided into three categories: auditing students, conditional students, and alien students. Students who are ineligible or become ineligible for enrollment as an ROTC cadet may, if desired by school authorities and approved by the PMS, participate in the ROTC program in one of the above categories provided:
 1. They are not authorized access to classified instructional material.
 2. They are in good standing and attending school full time.
 3. There is no loss in effectiveness of military instruction.
 4. Such participation is not otherwise prohibited by law, DOD Directive or Army Regulation.
- ROTC participating students are ineligible for:
 1. Subsistence allowance. (See para 3-30b in CC Pam 145-4/AR 145-1.)
 2. Participation in the ROTC Scholarship Program.
 3. Commissioning credit, except immigrant alien students. Conditional students will be given credit for that part of the course successfully completed upon change to enrolled status. (See para 3-30b in CC Pam 145-4/AR 145-1.)
 4. Participation in any physical training, labs, field training exercises or any events outside the classroom. These students are also not authorized to wear the Army uniform or receive any issue of such from the ROTC Department.
- ROTC students completing the course of instruction in a non-enrolled status are ineligible for appointment as commissioned officers. Although immigrant aliens may be authorized to participate in the SROTC Program, if properly qualified, they must be advised that:
 1. Current DOD Policy requires U.S. citizenship to be eligible for a security clearance.
 2. Effective 1 January 1988, HQDA policy requires the possession of a SECRET security clearance, based on a National Agency Check (NAC) to be eligible for appointment.
 3. These two requirements must be met by graduation.
 4. Participants who do not meet these requirements by graduation will not be retained as a participating member of the ROTC program. (No waiver of these requirements will be granted.) Immigrant alien graduates who have otherwise fulfilled commissioning requirements may apply for direct commissioning once DOD requirements are met. Only conditional students and participating immigrant alien students may be presented a DA Form 134 (Military Training Certificate Reserve Officers' Training Corps) after successfully completing all or part of the SROTC Program. When the student is issued the certificate it will be annotated to reflect that the certificate does not entitle the student to a commission.
- No student, except those in the alien student category, will be authorized to wear the ROTC uniform if denied enrollment into the ROTC because of failure to sign the loyalty oath.

- Applicability of academic credit and other school policies concerning participation in the ROTC program for these categories will be determined by school authorities.
- An immigrant alien who is also a member of the Reserve Components is not eligible to enroll in the advanced course or to participate in the program with this status.

Minor In Military Science Requirements 15 Hours

The following courses are required for a Minor in Military Science. In order for a participating student to receive a Minor in Military Science, he or she must register and complete the following courses:

- MSCI 3131 - Advanced Tactics and Applied Leadership I (3)
- MSCI 3132 - Advanced Tactics and Applied Leadership II (3)
- MSCI 4131 - Military Leadership and Management Seminar (3)
- MSCI 4132 - Transition to Lieutenant (3)

Military History. Select one of the following:

- HIST 3136 - US as a Global Power (3)
- HIST 3230 - American Military History (3) **OR** MSCI 4890 - American Military History (3) - *preferred*
- HIST 4531 - World War I (3)
- HIST 5335 - World War II (3)

Additional Minor requirement:

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.

Program Options, Obligation, Financial Assistance, Scholarships and Books, Uniforms and Supplies:

Two Year Program Versus The Four Year Program: The ROTC program is designed as a 4-year course of study. However, 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 a Leader Training Course, four weeks duration, during the summer between their sophomore and junior years. Students attending this Leader Training Course at a regular army post are paid and given a travel allowance from their home to camp and return. Leader Training Course can count for 3 general credits. 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 Reserves. 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 the tuition or room and board and required fees incurred by the scholarship student. The scholarship will cover up to \$20,000 per year. 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 Army Military Science Department 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. ROTC students successfully completing the Leadership Development and Assessment Course (LDAC) may compete for civilian sponsored Scholarships awarded during their senior year. National winners receive \$1500 and regional winners receive \$1000. 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.

PHYSICS AND ASTRONOMY B.A., 126 HOURS

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

This B.A. degree is designed to prepare students who are seeking Teacher Certification through the Masters of Arts in Teaching program. This program will be desirable for future teachers interested in broad field science and/or physics certification.

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1113 - Pre-Calculus (4) OR MATH 1441 - Calculus I (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
ASTR 1010 - Astronomy of the Solar System (3)	
ASTR 1020 - Stellar and Galactic Astronomy (3)	
MATH 2242 - Calculus II (4)	
PHYS 1113 - Physics Lab I (1)	
PHYS 1114 - Physics Lab II (1)	
PHYS 2211 - Principles of Physics I (3)	
PHYS 2212 - Principles of Physics II (3)	
<i>(Students must complete MATH 1441 and MATH 2242)</i>	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	10 Hours
EDUC 2090 - PPB Practicum (1)	
EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3)	
EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)	
EDUC 2130 - Exploring Learning and Teaching (3)	
Major Requirements	24 Hours
ASTR 4330 - Observational Techniques in Astronomy (3)	
PHYS 3420 - Advanced Physics Laboratory (2)	
PHYS 3536 - Modern Physics I (3)	
PHYS 3537 - Modern Physics II (3)	
Select <u>one</u> of the following Teaching Internship Courses:	
ASTR 3790 - Teaching Internship in Astronomy (1)	
PHYS 3790 - Teaching Internship in Physics (1)	
Select <u>12 hours</u> from the following Physics Electives:	
ASTR 3137 - Search for Life in the Universe (3)	
ASTR 4130 - Astrophysics (3)	
ASTR 4138 - Galactic Astronomy (3)	
PHYS 3130 - Sound Waves and Acoustics (3)	
PHYS 3131 - Optics (3)	
PHYS 3520 - Problem Solving in Physics (2)	
PHYS 3558 - Introduction to General Relativity (3)	
PHYS 3542 - Analog Electronics (4)	
PHYS 3543 - Digital Electronics (4)	
PHYS 5530 - Thermal Physics (3)	
Foreign Language (2002 Level)	0-6 Hours
Minor	15 Hours
Electives	5-11 Hours
Carry over from Area A2, if applicable (1)	

ADVISEMENT: COSM Advisement Center, Engineering Building, Room 1116, (912) 478-0649

OTHER PROGRAM REQUIREMENTS:

- No more than 30 hours of upper division course work in Physics may count toward the 126 hour minimum for graduation.

PHYSICS

B.S.P., 126 HOURS

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

Area A1 - Communication Skills	6 Hours
Area A2 - Quantitative Skills	3 Hours
MATH 1113 - Pre-Calculus (4) OR MATH 1441 - Calculus I (4)	
Area B - Global Engagement	4 Hours
Area C - Humanities, Fine Arts, and Ethics	6 Hours
Area D - Natural Sciences, Mathematics, and Technology	11 Hours
Area E - Social Sciences	12 Hours
Area F - Courses Appropriate to Major	18 Hours
Carryover from Area A2 (1), if either MATH 1113 OR MATH 1441 taken in Area A2	
MATH 1441 - Calculus I (1-4)	
MATH 2242 - Calculus II (4)	
MATH 2243 - Calculus III (4)	
PHYS 1113 - Physics Lab I (1)	
PHYS 1114 - Physics Lab II (1)	
PHYS 2211 - Principles of Physics I (3)	
PHYS 2212 - Principles of Physics II (3)	
Additional hours in physics, math, computer science or chemistry	
<i>(Students must complete MATH 1441, MATH 2242, and MATH 2243)</i>	
Health and Physical Education Activities	4 Hours
HLTH 1520 - Healthful Living (2)	
Physical Education Activities (2)	
Orientation	2 Hours
FYE 1220 - First Year Seminar (2)	
Specific Requirements	3 Hours
MATH 3230 - Ordinary Differential Equations (3)	
Required Physics Courses	33 Hours
PHYS 3420 - Advanced Physics Laboratory (2) - <i>must be taken twice</i>	
PHYS 3536 - Modern Physics I (3)	
PHYS 3537 - Modern Physics II (3)	
PHYS 5151 - Classical Mechanics (5)	
PHYS 5152 - Classical Electromagnetic Theory (5)	
PHYS 5530 - Thermal Physics (3)	
PHYS 5557 - Quantum Mechanics (5)	
Select <u>5 hours</u> from the following Physics Electives:	
ASTR 3538 - Physical Astronomy (3)	
PHYS 3130 - Sound Waves and Acoustics (3)	
PHYS 3131 - Optics (3)	
PHYS 3149 - Methods of Theoretical Physics (4)	
PHYS 3520 - Problem Solving in Physics (2)	
PHYS 3558 - Introduction to General Relativity (3)	
PHYS 3539 - Introduction to Biophysics (3)	
PHYS 3542 - Analog Electronics (4)	
PHYS 3543 - Digital Electronics (4)	
PHYS 4131 - Quantum Optics (3)	
PHYS 4232 - Properties of Materials (3)	
PHYS 4332 - Principles of Lasers (3)	
Electives	24 Hours
Carry over from Area F, if applicable (3)	
Carryover from Physics Electives, if applicable (3)	

ADVISEMENT: COSM Advisement Center, Engineering Building, Room 1116, (912) 478-0649

OTHER PROGRAM REQUIREMENTS:

- No more than 40 hours of upper division course work in Physics may count toward the 126 hour minimum for graduation.

PRE-PROFESSIONAL PROGRAMS

Pre-Medicine, Pre-Dentistry, and Pre-Veterinary

Students intending to prepare for Medicine, Dentistry, or Veterinary Medicine must select a course of study leading to a Bachelor's Degree in an academic area. Any major may be selected as long as the student is careful to complete courses required by the professional schools as well as those required for completion of the student's Bachelor Degree program. Students must be advised by an academic advisor in their major area. These advisors are:

Pre-Medicine

Biology Majors: Dr. Chris Cutler, Dr. Lance Durden, Dr. Quentin Fang, Dr. Laura Regassa

Chemistry Majors: All Chemistry Faculty

Physics Majors: Dr. Mark Edwards

Psychology majors should consult with Dr. Amy Hackney or Lisa Vance (COSM Advising Center)

Other majors contact: Prof. Jim Braselton or Lisa Vance (COSM Advising Center)

Pre-Dentistry

Biology Majors: Dr. David Rostal

Chemistry Majors: All Chemistry Faculty

Physics Majors: Dr. Mark Edwards

Other majors contact: Prof. Jim Braselton or Lisa Vance (COSM Advising Center)

Pre-Veterinary Medicine

Biology Department: Dr. William Irby, Dr. Johanne Lewis, and Dr. Oscar Pung

Chemistry Department: All Chemistry Faculty

Pre-Medical/Pre-Dental Program

There is no major in "Pre-Medicine" or "Pre-Dentistry." Students desiring to go to medical or dental school should pursue courses of study leading to a Bachelor Degree in academic areas chosen according to their interests and aptitudes. Freshman and sophomore pre-med/pre-dent students are advised regarding their pre-med/pre-dent studies by the advisors at the COSM Advisement Center. Students with majors other than Biology, Chemistry, Physics, or Psychology should be advised the COSM Advisement Center as freshman and sophomores and then by Prof. Jim Braselton as juniors in addition to the academic advisor in the chosen major. Students must be careful to complete courses required for acceptance into medical school as well as those courses required for their degrees. The most complete, up-to-date information on the Pre-Medical/Pre-Dental program is available on the web <http://cosm.georgiasouthern.edu/degrees/preprofessional>.

Requirement for the Pre-Medical/Pre-Dental Program:

Only students with a GPA greater than or equal to 3.0 may transfer in as a Pre-Med/Pre-Dent student. Students at the end of their second regular semester (not including summer) must have a GPA greater than or equal to 3.0 to remain as a Pre-Med/Pre-Dent student. Students falling below a 3.0 average at the end of their second regular semester or any semester thereafter will revert to their declared major, will be removed from the Pre-Med/Pre-Dent program, and will no longer have access to additional advisement.

Freshman Pre-Medical/Pre-Dental Students:

During their first two semesters, in addition to one course appropriate for the chosen major, beginning freshmen should take BIOL 2107, BIOL 2108, CHEM 1145, and CHEM 1146; and the appropriate math course(s). While earning their degree students should take math courses through MATH 1441 or MATH 2242 (preferred). The Medical/Dental Admissions Review Board also encourages students to STAT 2231 or STAT 3130, especially if they are planning to apply to the Medical College of Georgia.

Medical College Admissions Test (MCAT):

Scores on the MCAT are required by almost all medical schools. Currently, the test is given periodically from January to September. It is recommended that the test be taken in April prior to the time the application is submitted and approximately a year and a half before matriculation at the medical school. In order to be prepared to study for the exam, students planning to take the MCAT in April should complete two years of Chemistry, one year of Physics and at least one year of Biology by that April. Students planning to take the MCAT in August should complete two years of Chemistry, one year of Physics and at least one year of Biology by the end of spring semester preceding that August. These dates normally fall in year three. Students who do not complete the above courses on time should be prepared to have their time of entrance into medical school delayed accordingly. Students are typically better prepared for the MCAT if they elect to take calculus-based Physics rather than the other series of Physics courses. At least one semester of biochemistry (CHEM 5541) and one semester of genetics (BIOL 3130) is strongly recommended to be better prepared for the MCAT. The attainment of competitive scores on the MCAT requires an extended period of intensive study. Students are advised to obtain appropriate study materials and to study seriously and diligently over a period of several months. They are also advised to take advantage of preparatory courses designed to tutor the student for the MCAT. Depending upon demand, Georgia Southern offers an institutional course of this type through the Division of Continuing Education.

Dental Admissions Test (DAT):

Scores on the DAT are required by almost all dental schools. The test is administered by testing centers and is a computer-based test. It is recommended that the test be taken in May/June to the time the application is submitted and approximately a year and a half before

matriculation at the dental school. In order to be prepared to study for the exam, students planning to take the DAT should complete two years of Chemistry and at least one year of Biology by the spring of year three of their college careers. Students who do not complete the above courses on time should be prepared to have their time of entrance into dental school delayed accordingly. At least one semester of biochemistry (CHEM 5541) and one semester of genetics (BIOL 3130) is strongly recommended to be better prepared for the DAT. The attainment of competitive scores on the DAT requires an extended period of intensive study. Students are advised to obtain appropriate study materials and to study seriously and diligently over a period of several months. They are also advised to take advantage of preparatory courses designed to tutor the student for the DAT. Depending upon demand, Georgia Southern offers an institutional course of this type through the Division of Continuing Education.

Application Procedures for Medical and Dental Schools:

For most schools, deadlines for application are during the fall preceding the year of entry into the school. Early application is recommended. It is the responsibility of the student to secure the proper application materials and to meet all deadlines. Requests for college transcripts to be sent as part of the application should be made sufficiently early in order for official transcripts to arrive before the deadline(s).

The Medical/Dental Admissions Review Board:

Letters of recommendation for Pre-Dental and Pre-Medical students are prepared by the Medical/Dental Admissions Review Board, as required by most medical/dental schools as part of the primary application. Letters will be written only for those students who have been interviewed by the Board and additional letters of reference will not be written for students by individual members of the Board unless approved by the Chair of the Board. Students desiring letters should contact Prof. Jim Braselton (jbraselton@georgiasouthern.edu) in the Department of Mathematical Sciences, to arrange for an interview with the Board at least 12 weeks in advance during the regular academic calendar year. Interviews normally are held during Spring semester of the calendar year in which the first application is submitted. Competition for admission to the schools is such that favorable letters can be written only for those students who have achieved adequate GPAs and test scores. Pre-Dental students requesting an interview must have at least a 3.2 cumulative GPA and an average score of 17 on each section of the DAT. Pre-Medical students requesting interviews must have at least a 3.4 cumulative GPA and a total of at least 22 points on the MCAT. Because interviews are usually conducted before MCAT or DAT scores are obtained, the Board will interview students who they reasonably believe will perform satisfactorily on the MCAT or DAT. Students who do not meet these requirements and who think that there are extenuating circumstances should make this known, in writing, to Prof. Braselton. Subsequently, the Board will make a decision regarding the eligibility of the student for an interview. Only form letters of reference will be sent from the board for any student who was not interviewed, but who has requested a letter. The above are minimum criteria for consideration for recommendation by the board and do not ensure acceptance into the respective schools.

Our standard Pre-Medicine and Pre-Dentistry curriculum consists of the following courses:

- BIOL 2107 - Principles of Biology I (3) and BIOL 2107L - Principles of Biology I Lab (1)
- BIOL 2108 - Principles of Biology II (3) and BIOL 2108L - Principles of Biology II Lab (1)
- BIOL 3130 - Principles of Genetics (3)
- BIOL Electives at 3000 Level or above (12)
- CHEM 1145 - Principles of Chemistry I (4)
- CHEM 1146 - Principles of Chemistry II (4)
- CHEM 3341 - Organic Chemistry I (4)
- CHEM 3342 - Organic Chemistry II (4)
- (CHEM 5541 - Biochemistry (4) is strongly recommended)
- MATH 1112 - Trigonometry (3), if necessary
- MATH 1441 - Calculus I (4)
- (MATH 2242 - Calculus II (4) Recommended)
- PHYS 2211 - Principles of Physics I (3) and PHYS 1113 - Physics Lab I (1) and PHYS 2212 - Principles of Physics II (3) and PHYS 1114 - Physics Lab II (1) (Calculus - based Physics Strongly Recommended) **OR** PHYS 1111 - Introduction to Physics I (3) and PHYS 1113 - Physics Lab I (1) and PHYS 1112 - Introduction to Physics II (3) and PHYS 1114 - Physics Lab II (1)

Because there will be a very limited number of Biology courses, students not majoring in Biology should consult with their advisor to choose the most appropriate Biology courses.

Pre-Veterinary Medicine

Students interested in pursuing studies leading to the Doctor of Veterinary Medicine (DVM) must select a course of study leading to a Bachelor's Degree in an academic area. This curriculum is designed to qualify students for admission into a College of Veterinary Medicine. An essential component of a student's preparation for veterinary college is practical experience working with animals, preferably gained by working with a practicing veterinarian. Dr. William Irby, Dr. Johanne Lewis, and Dr. Oscar Pung, Department of Biology, Dr. Jeff Orvis, Department of Chemistry, and Kelly Gagel, COSM Advisement Center serve as advisors to students in this program.

- BIOL 2107 - Principles of Biology I (3) and BIOL 2107L - Principles of Biology I Lab (1)
- BIOL 2108 - Principles of Biology II (3) and BIOL 2108L - Principles of Biology II Lab (1)
- BIOL Elective at 3000 Level or above (4)
- CHEM 1145 - Principles of Chemistry I (4)
- CHEM 1146 - Principles of Chemistry II (4)
- CHEM 3341 - Organic Chemistry I (4)
- CHEM 3342 - Organic Chemistry II (4)
- CHEM 5541 - Biochemistry I (4)

MATH 1113 - Pre-Calculus (3)

PHYS 1111 - Introduction to Physics I (3) and PHYS 1113 - Physics Lab I (1) and PHYS 1112 - Introduction to Physics II (3) and PHYS 1114 - Physics Lab II (1) **OR** PHYS 2211 - Principles of Physics I (3) and PHYS 1113 - Physics Lab I (1) and PHYS 2212 - Principles of Physics II (3) and PHYS 1114 - Physics Lab II (1)

Highly Recommended Electives:

BIOL 3240 - Biology of Microorganisms (4)

BIOL 5131 - Cell Biology (4)

BIOL 5132 - Molecular Genetics (3)

BIOL 5241 - Comparative Vertebrate Anatomy (4)

MATH 1441 - Calculus I (4)

Recommended Electives:

BIOL 5210 - Comparative Animal Physiology Lab (1)

BIOL 5230 - Comparative Animal Physiology (3)

BIOL 5240 - Histology (4)

BIOL 5248 - Immunology (4)

BIOL 5341 - Parasitology (4)

BIOL 5343 - Medical-Veterinary Entomology (4)

BIOL 5431 - Virology (3)

Pre-Pharmacy (Two-year / Three-year Transfer Program)

Students interested in Pre-Pharmacy typically do not complete a Bachelor's Degree program at Georgia Southern University, but instead take the prerequisite courses required for admission and then transfer to one of the professional Pharmacy Schools. Georgia Southern University offers a two-year Pre-Pharmacy program designed to complete the entrance requirements of most Pharmacy Schools in two years (although a few schools now mandate 90 hrs of prerequisite coursework and will require an additional year at Georgia Southern University before becoming eligible to transfer).

Students wanting to complete a degree in pharmacy in the minimum period of time should plan on transferring to a school of pharmacy no later than summer following their sophomore year and should begin the transfer application process after the first year of undergraduate study. Some students, however, apply for admission to pharmacy programs at a later stage, such as following the completion of an undergraduate degree, provided they have met the admission requirements. In either case, an additional four years in pharmacy school results in completion of the Professional Pharm. D. Degree (Note: South University School of Pharmacy offers a year-round program that is completed in three years).

The state of Georgia has three schools of Pharmacy – The University of Georgia College of Pharmacy, Mercer Southern School of Pharmacy, and South University School of Pharmacy. The prerequisite courses required to apply to each Pharmacy program vary, so students should check the website of their desired schools for the most recent admission requirements. However, these schools have some consistent science requirements as outlined below:

Common science courses required by regional Pharmacy Schools

BIOL 2107 - Principles of Biology I (3) **and** BIOL 2107L - Principles of Biology I Lab (1)

BIOL 2108 - Principles of Biology II (3) **and** BIOL 2108L - Principles of Biology II Lab (1)

CHEM 1145 - Principles of Chemistry I (4) **and** CHEM 1146 - Principles of Chemistry II (4)

CHEM 3341 - Organic Chemistry I (4) **and** CHEM 3342 - Organic Chemistry II (4)

MATH 1112 - Trigonometry (3)

MATH 1441 - Calculus (4)

STAT 2231 - Introduction to Statistics (3)

Registration in the Pre-Pharmacy program does not guarantee admission to the professional phases of a school of pharmacy. Enrollment in the professional phase is limited, and the student will be accepted in accord with academic standing, aptitude for career in pharmacy, and PCAT (pharmacy college admission test) scores. The PCAT should be taken at least one year prior to enrollment in pharmacy school. Because enrollment in pharmacy school is competitive, a GPA of 2.5 is required to enter or stay in the Pre-Pharmacy program.

Advising for the Pre-Pharmacy Program will be handled in the COSM Advising Center (CAC). The CAC advising staff will answer questions related to the pre-pharmacy process and also help with choosing a major should the student decide to earn a degree at Georgia Southern University while completing the Pre-Pharmacy requirements.

Pre-Optometry

The requirements for admission into the various optometry schools and colleges are not identical. Contact the Pre-Optometry advisor, Dr. Lance McBrayer, for the specific requirements of each school. Typically, the requirements include courses in Biology, Calculus, Chemistry, English, Physics, Psychology, and the Social Sciences. The Pre-Optometry course requirements represent a minimum of three academic years of study. However, students are encouraged to obtain a four year degree prior to application for optometry school.

Direct individual inquiries are invited by the American Optometric Association, Department of Public Affairs, 243 N. Lindbergh Blvd., St. Louis, Missouri 63141; Telephone (314) 991-4100. Also see website <http://www.opted.org>.

Course Descriptions

Introduction

This section of the catalog offers an alphabetical listing of undergraduate and graduate courses offered at Georgia Southern University, along with the college in which that course is taught. Prerequisites are noted at the end of each description. Graduate courses, in general, begin with a 6, 7, 8, or 9. Courses numbered "5000" followed by a "G" are also graduate courses. (See "Course Numbering" below).

Core Curriculum

Course titles preceded by a bullet are part of the Core Curriculum -- Areas A1 - E -- of the University System of Georgia. They are transferable within the University System and to most private institutions. Course titles not preceded by a bullet are designed for students who seek a major, minor, or emphasis in a specific program, and may or may not transfer to other institutions. Students should work closely with their advisors in selecting courses each semester, especially if a student is considering transferring or changing majors.

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, 6 - Lower Division Graduate, 7 - Upper Division Graduate, 8 - Upper Division Graduate, 9 - Doctoral Level Graduate.)

The second digit in the course number indicates the course type. (1-5 - Traditional course format/Example: Lecture and Lab, 6 - Seminar, 7 - Internships and Practica, 8 - Independent Study, 9 - Research, 0 - Topics courses)

The third digit indicates the credit hours. (0-4 - Actual number of hours, 5-8 - Other 3 hour courses, 9 - variable)

The fourth digit indicates the sequence of the course.

A course number followed by a "G" indicates a Graduate course.

A course number followed by an "H" indicates an Honors course.

A course number followed by an "S" indicates a Studies Abroad course.

Credit Course Description

Beside each course title, there are three numbers, such as 3-0-3. The first number listed is the number of hours of lecture; the second number indicates the number of hours of laboratory; and the third number indicates the number of credit hours awarded for successful completion of the course.

College Abbreviations

CHHS - College of Health and Human Sciences
CEIT - Allen E. Paulson College of Engineering and Information Technology
CLASS - College of Liberal Arts and Social Sciences

COBA - College of Business Administration
COE - College of Education
COPH - Jiann-Ping Hsu College of Public Health
COSM - College of Science and Mathematics
VPAA - Office of Vice President for Academic Affairs
Interdisciplinary - Courses offered by more than one department and/or college

Course Prefixes

AAST	Africana Studies
ACCT	Accounting
AMST	American Studies
ANTH	Anthropology
ARAB	Arabic
ART	Art
ARTH	Art History
ASTR	Astronomy
BIOL	Biology
BUSA	Business Administration
CENG	Civil Engineering
CHEM	Chemistry
CHFD	Child and Family Development
CHIN	Chinese
CISM	Computer Information Systems
CLAS	College of Liberal Arts and Social Sciences
COED	College of Education
COML	Comparative Literature
COMM	Communication Arts
COMS	Communication Studies
COOP	Cooperative Education
CRJU	Criminal Justice
CSCI	Computer Science
ECED	Early Childhood Education
ECON	Economics
EDLD	Educational Leadership
EDSC	Education Science
EDUC	Curriculum
EDUF	Educational Foundations
EENG	Electrical Engineering
ENGL	English
ENGR	Engineering
ESED	Early Childhood-Secondary Education
ESL	English Second Language
EURO	European Union
FACS	Family and Consumer Science
FILM	Film
FINC	Finance
FMAD	Fashion Merchandising/Apparel Design
FORL	Foreign Language
FREN	French
FYE	First-Year Experience
GCM	Graphic Communications Management
GEOG	Geography
GEOL	Geology
GRMN	German
GSU	Georgia Southern University
HIST	History
HLTH	Health
HNRM	Hotel and Restaurant Management
HUMN	Humanities
IDS	Interdisciplinary Studies
INDS	Interior Design
INTS	International Studies
IRSH	Irish Studies

ISCI	Science, Teaching and Learning
IT	Information Technology
ITEC	Instructional Technology Education
JAPN	Japanese
JOUR	Journalism
KINS	Kinesiology
LAST	Latin American Studies
LATN	Latin
LEAD	Leadership
LING	Linguistics
LOGT	Logistics/Intermodal Transportation
LSTD	Legal Studies
MATH	Mathematics
MENG	Mechanical Engineering
MGED	Middle Grades Education
MGNT	Management
MKTG	Marketing
MMC	Multimedia Communications
MSCI	Military Science
MSED	Middle Grades and Secondary Education
MUSA	Applied Music
MUSC	Music
MUSE	Music Ensemble
NTFS	Nutrition and Food Science
NURS	Nursing
PHIL	Philosophy
PHYS	Physics
POLS	Political Science
PRCA	Public Relations
PSYC	Psychology
PUBH	Public Health
READ	Reading
RECR	Recreation
REDV	Regional Economic Development
RELS	Religious Studies
SCED	Secondary Education
SMGT	Sport Management
SOCI	Sociology
SPAN	Spanish
SPED	Special Education
STAT	Statistics
SUST	Sustainability
TCET	Civil Engineering Technology
TCGT	General Technology
TCM	Construction Management
TEET	Electrical Engineering Technology
TENS	Engineering Science
THEA	Theatre
TMAE	Applied Engineering
TMET	Mechanical Engineering Technology
TMFG	Manufacturing Technology
TSEC	Safety and Environmental Technology
UHON	University Honors
WBIT	Web Information Technology
WGST	Women's and Gender Studies
WRIT	Writing
YORU	Yoruba

Undergraduate Course Descriptions

The following courses are undergraduate level. These courses are included here for reference.

Africana Studies (CLASS)

AAST 3030/3030S

Selected Topics in Africana Studies: (1-3)-0-(1-3)

Designed to promote interdisciplinary engagement and, or, individualized specialization so that the student can deepen his or her knowledge of Africa and the African Diaspora.

AAST/HIST/AMST 3130

African American History to 1877: 3-0-3

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.

AAST/HIST/AMST 3131

African American History Since 1877: 3-0-3

African American history from Reconstruction to the present.

AAST 3230

Introduction to Africa and Its Diaspora: 3-0-3

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/ENGL/AMST 3231

Survey of African-American Literature: 3-0-3

A survey of African-American literature from its beginnings to the present, focusing on important movements, genres, and themes. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

AAST/POLS/AMST 3237

African American Politics: 3-0-3

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.

AAST/YORU 3330

Yoruba Culture and Civilization: 3-0-3

Introduction to Yoruba culture in Nigeria and other west African societies as well as the Diaspora.

AAST/THEA/AMST 3332

African American Theatre: 3-0-3

Investigates the contributions of black playwrights, actors, and directors to American theatre.

AAST/FREN 3336

Francophone Cultures of Africa and the Caribbean: 3-0-3

Continued development of all five language competencies (listening, speaking, reading, writing, and culture) with a focus on an introduction to Africa and the Caribbean. Texts include fables, poems, newspaper articles, and film. Course work includes oral, reading, writing, and grammar activities. Conducted in French. Prerequisite(s): FREN 2002 or equivalent.

AAST/ANTH/LING/POLS 3337

Language, Power, Politics: 3-0-3

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 or ENGL 1160.

AAST/POLS 3431/3431S

African Politics: 3-0-3

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): ENGL 1102.

AAST/ARTH 3435

African Art History: 3-0-3

Surveys the major themes, cultural groups, and art traditions of Africa. Focuses on materials, functions, meaning and the distinctive aesthetic values of cultural objects and their ritual significance in African societies. Prerequisite(s): A minimum grade of "C" in ARTH 2531 and ARTH 2532.

AAST/ARTH 3436

African American Art History: 3-0-3

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 and ARTH 2532.

AAST/HIST/INTS 3530

History of Africa to 1800: 3-0-3

Traces the development of significant social, economic and political institutions within precolonial Africa.

AAST/HIST/INTS 3531

History of Africa since 1800: 3-0-3

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.

AAST/AMST/ANTH/LING 4133

Gullah and Geechee Language and Culture: 3-0-3

This 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" ENGL 1102 or ENGL 1160.

AAST/HIST 4134

The Civil Rights Movement: 3-0-3

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.

AAST/GEOG 4330

Geography of Africa South of the Sahara: 3-0-3

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.

AAST/AMST/SOCI 5333

Race and Ethnicity: 3-0-3

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): SOCI 1101.

AAST/COMS/AMST 4337

Rhetoric of Social Movements: 3-0-3

Introduces students to the rhetorical significance of selected social movements including labor reform, civil rights, and environment protection, emphasizing the analysis of persuasive social movement discourse.

AAST/SOCI 4431/4431S

Inequality: 3-0-3

Examines the sociological approaches and theories of stratification and structured inequality, and analyzes the causes and consequences of economic, political, and social inequality. Prerequisite(s): SOCI 1101.

AAST/HIST/WGST 4530

Revelation and Revolution: 3-0-3

Explores issues of gender, spirituality, and power within the context of African history.

AAST/HIST 4532

Destruction of Slavery: 3-0-3

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.

AAST 4630/4630S

Seminar in Africana Studies: 3-0-3

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 3030.

AAST/YORU 4890

Directed Individual Study in Yoruba: (1-15)-0-(1-15)

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): Two Yoruba courses at the 3000 level.

AAST/HIST 5233

The American City: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

AAST/AMST/MUSC 5236

Jazz History: 3-0-3

A jazz survey course which emphasizes the historical, musical, and chronological development of jazz music. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

AAST/SOCI/ANTH/AMST 5435

The South in American Culture: 3-0-3

The lifeways and social organization of rural society with emphasis on the South. Examines social institutions, community dynamics, social change, and the cultural distinctions of the region. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or SOCI 1101 or permission of instructor.

AAST/ANTH 5437/5437S

Cultures of Africa: 3-0-3

A comparative study of the lifeways of African peoples south of the Sahara. Traditional cultures, contemporary development, and the course of culture change in various regions are examined. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

AAST/ENGL/WGST 5539

Literature by Women: 3-0-3

A study of classic, contemporary, and experimental writing by women in all genres, with special emphasis on the polemical and theoretical bases of and critical approaches to such texts. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

Accounting (COBA)**ACCT 2030/2030S****Survey of Accounting: 3-0-3**

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. ACCT 2030 is a substitute for ACCT 2101 and ACCT 2102 for non-business majors. Credit for graduation can only be granted for either ACCT 2030 or ACCT 2101 and ACCT 2102.

ACCT 2101/2101H/2101S**Financial Accounting: 3-0-3**

The theory and application of 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. Prerequisite(s): A minimum grade of "C" in BUSA 1105, CISM 2530, MATH 1232 or MATH 1441, and ENGL 1101 and ENGL 1102 or ENGL 1160. ACCT 2030 is a substitute for ACCT 2101 and ACCT 2102 for non-business majors. Credit for graduation can only be granted for either ACCT 2030 or ACCT 2101 and ACCT 2102.

ACCT 2102/2102H**Managerial Accounting: 3-0-3**

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 ACCT 2101/2101H, CISM 2530, MATH 1232 or MATH 1441, and ENGL 1101 and ENGL 1102 or ENGL 1160. ACCT 2030 is a substitute for ACCT 2101 and ACCT 2102 for non-business majors. Credit for graduation can only be granted for either ACCT 2030 or ACCT 2101 and ACCT 2102.

ACCT 3131**Intermediate Accounting I: 3-0-3**

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 "B" in ACCT 2101/2101H or a minimum grade of "C" in ACCT 2101/2101H and ACCT 2102/2102H; and a minimum grade of "C" in CISM 2530, MATH 1232 or MATH 1441, and ENGL 1101 and ENGL 1102 or ENGL 1160.

ACCT 3132**Intermediate Accounting II: 3-0-3**

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.

ACCT 3231**Managerial Accounting II: 3-0-3**

Preparation and analysis of information to assist management in decision making, learning, planning, and controlling business activities. The use of management accounting information for costing products and services, budgeting, pricing and product mix decisions, and evaluating operating performance are emphasized. Prerequisite(s): A minimum grade of "C" in ACCT 2102/2102H, CISM 2530, MATH 1232 or MATH 1441, and ENGL 1101 and ENGL 1102 or ENGL 1160.

ACCT 3330**Income Tax: 3-0-3**

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: 3-0-3**

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): For BBA students a minimum grade of "C" in both ACCT 2101 and ACCT 2102; for Non-BBA students, a minimum grade of "C" in ACCT 2030.

ACCT 4030/4030S**Special Topics in Accounting: 3-0-3**

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. Prerequisite(s): Permission of director.

ACCT 4130**Accounting Information Systems: 3-0-3**

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: 3-0-3**

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 multifunctional corporations and individuals involved in exports, services, or capital transactions at an international level. Prerequisite(s): A minimum grade of "C" in ACCT 3132.

ACCT 4133**Intermediate Accounting III: 3-0-3**

The capstone of the intermediate accounting sequence, this course is a continuation of ACCT 3132. Advanced accounting topics including investments, 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.

ACCT 4430/4430H**Auditing: 3-0-3**

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 ACCT 3132 AND a minimum grade of "C" in ACCT 4130 or concurrent enrollment in ACCT 4130.

ACCT 4530**Governmental and Institutional Accounting: 3-0-3**

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.

ACCT 4631**Macro Fraud Examination: 3-0-3**

This course takes a macro 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 2102 or ACCT 2030.

ACCT 4632

Micro Fraud Examination: 3-0-3

This course takes a micro look at fraud by examining about 40 of the 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 4631.

ACCT 4790

Internship in Accounting: (3-6)-0-(3-6)

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): Total Institution GPA of 2.5 or better, permission of advisor and director.

ACCT 4830/4830S

Special Problems in Accounting: 3-0-3

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. Prerequisite(s): Permission of director.

ACCT 4890/4890S

Directed Study in Accounting: 0-0-(1-3)

Designed for independent study and research in selected areas of accounting under faculty supervision. Prerequisite(s): Permission of department chair or director.

ACCT 5232

Managerial Accounting III: 3-0-3

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. 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 ACCT 3231.

ACCT 5330

Taxation of Corporations and Partnerships: 3-0-3

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.

American Studies (Interdisciplinary)

AMST/ENGL 2332/2332S

American Literature II: 3-0-3

A survey of American literature from 1865 to the present, focusing on major movements, authors, and themes. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

AMST 3033

Introduction to American Studies: 3-0-3

The first course in the American Studies minor program, introducing students to the interdisciplinary nature of American Studies. Prerequisite(s): ENGL 1101 or a minimum grade of "C" in ENGL 1160.

AMST/HIST/AAST 3130

African-American History to 1877: 3-0-3

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.

AMST/HIST/AAST 3131

African-American History since 1877: 3-0-3

African American history from Reconstruction to the present.

AMST/HIST 3133

United States Constitutional History: 3-0-3

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.

AMST/HIST 3134

American Economic History: 3-0-3

The changing character of American economic life from colonial times to the modern consumer culture including religious beliefs, economic thought, industrialization, business organization, government-business relations, and social transformation.

AMST/HIST/WGST 3137

Topics in U.S. Women's History: 3-0-3

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.

AMST/HIST 3230

American Military History: 3-0-3

Studies military strategy, tactics, technology, and main features of American conflicts from colonial times to this century.

AMST/ENGL/AAST 3231

Survey of African-American Literature: 3-0-3

A survey of African-American literature from its beginnings to the present, focusing on important movements, genres, and themes. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

AMST/POLS/AAST 3237

African American Politics: 3-0-3

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.

AMST/FILM 3331

History of American Film: 3-0-3

Surveys the history of American film recognizing the influence of international cinema upon American film. Selected films of historical significance will be screened and analyzed.

AMST/THEA/AAST 3332

African American Theatre: 3-0-3

Investigates the contributions of black playwrights, actors, and directors to American theatre.

AMST/POLS 3333

Southern Politics: 3-0-3

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.

AMST/SOCI 3336**Social Problems: 3-0-3**

A general introduction to the study of social problems in areas such as deviance, social inequality, social change, and American institutions. Prerequisite(s): SOCI 1101.

AMST/WRIT/COMM 3433**Comic Book Writing in American Culture: 3-0-3**

Investigates multiple dimensions of and models for comic book writing as it traces the medium's history, development of new genres, and narrative conventions since its origins in the 1930s. Teaches the comic book's use of iconography, cultural tropes, and cognitive closure in the construction of sequential narratives. Prerequisite(s): A minimum grade of "C" in ENGL 1101 and ENGL 1102 or ENGL 1160.

AMST/ARTH 3437**American Art History: 3-0-3**

This course examines the history of American Art from the Colonial Period through the present. Works of art and other forms of material culture will be explored and discussed within the context of philosophical, historical, social, and cultural developments. Attention will be given to the writings of artists and critics, as well as texts by contemporary art historians, historians, and other scholars which illustrate the variety of methodologies and interpretations that are currently being brought to bear on American art, architecture, and material culture. The format for this course is lecture with discussion. Prerequisite(s): A minimum grade of "C" in ARTH 2531 and ARTH 2532.

AMST 4030**Selected Topics in American Studies: 3-0-3**

Offers varied topics in specialized areas in the field of American Studies.

AMST 4033**Seminar in American Studies: 3-0-3**

Encourages students to pursue specific problems in the interdisciplinary exploration of American Studies related to their major and minor curricula. Prerequisite(s): 9 hours of American Studies courses or permission of instructor.

AMST/POLS 4130**American Political Thought: 3-0-3**

Examines political themes and thinkers from the Colonial to the Contemporary period.

AMST/HIST 4132**Recent America: U.S. Since 1945: 3-0-3**

Surveys the history of the United States from World War II to the present, including social, political, and economic developments.

AMST/AAST/ANTH/LING 4133**Gullah and Geechee Language and Culture: 3-0-3**

This 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" ENGL 1102 or ENGL 1160.

AMST/HIST 4135**The United States in the 1960's: 3-0-3**

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.

AMST 4139/ANTH 4131**North American Archeology: 3-0-3**

An introductory course on the archeology of North America. Concentrates on the prehistory and protohistory of Native Americans as well as introducing students to the history of North American archeology.

AMST/ENGL 4237**The American Novel: 3-0-3**

A survey of the development of the novel in America, eighteenth through twentieth centuries, with special study of a list of works selected to illustrate the major movements in American fiction. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

AMST/JOUR 4331**History of Mass Communication: 3-0-3**

Surveys the history of newspapers, magazines, radio and television, with emphasis upon their correlations with political, social, and economic trends in America. Prerequisite(s): A minimum grade of "C" in COMM 2332.

AMST/COMS/AAST 4337**Rhetoric of Social Movements: 3-0-3**

Introduces students to the rhetorical significance of selected social movements including labor reform, civil rights, and environment protection, emphasizing the analysis of persuasive social movement discourse.

AMST/HIST 4431**Invasion of the Americas: Contact, Encounter and Colonization in Early America: 3-0-3**

The Atlantic World context for the settlement of North America, initial contacts between Old World and New, and the processes of colonization and intercultural encounter are the primary subjects of this course.

AMST/HIST 4432**Early American History: 3-0-3**

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.

AMST/GEOG 5130**Geography of North America: 3-0-3**

Systematic regional treatment of Canada and the United States including the physical, cultural, and economic aspects of various subregions. Special attention will be paid to comparative themes such as resource development, trade, and migration. Graduate students will complete an individual term project or special report.

AMST/ANTH 5131**Historical Archeology: 3-0-3**

An introduction to the field designed to provide a background in basic research methods in historical archeology and ethnohistory. Emphasis will be placed on regional studies of the southeastern United States. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

AMST/HIST 5133**Revolutionary America: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

AMST/HIST 5134**Civil War and Reconstruction: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

AMST/HIST 5137**The Antebellum South: 3-0-3**

The social, intellectual, cultural, economic, and political history of the American South to 1861 with an emphasis on Georgia's role. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

AMST/HIST 5138**The New South: 3-0-3**

The social, intellectual, cultural, economic, and political history of the post-Civil War South with an emphasis on Georgia's role. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

AMST/ENGL 5230**Colonial American Literature: 3-0-3**

A detailed study of the poetry and prose from 1492-1800 by writers, both in America and Europe, who describe and define a distinct American identity by means of an emerging literature and diverse cultural experience. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

AMST/ENGL 5231**American Romanticism: 3-0-3**

A study of representative authors of the Romantic Period in American literature (1820-1865). This course focuses on the complex social, cultural, and political forces at work in these writings and in the Romantic Movement in general, and especially the influences of the earlier Romantic Period in English literature (1798-1832). This course traces the development of the major literary styles and patterns in American Romanticism, such as the archetype of the American Adam and the myth of the American Dream; the importance of American innovation in literary language and form, especially in the use of frontier dialect; and the contributions to world literature of American literary theorists, such as Poe. Graduate students will be required to do additional work as determined by the instructor. Prerequisite(s): ENGL 2111 or ENGL 2112.

AMST/ENGL 5233**American Realism: 3-0-3**

A study of prose works of the American Realist period from 1850-1910, including writers such as Twain, Jewett, Chesnut, Gilman, Dreiser, Wharton, James, Crane, and Norris. Attention will be paid to canonical and non-canonical writers of the period, as well as regional and sentimental fiction. Graduate students will be required to do extra work as determined by the instructor. Prerequisite(s): ENGL 2111 or ENGL 2112.

AMST/ENGL 5234**Southern Literature: 3-0-3**

A survey of the literary achievements of the South from the Colonial period to the present. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

AMST/MUSC/AAST 5236**Jazz History: 3-0-3**

A jazz survey course which emphasizes the historical, musical, and chronological development of jazz music. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

AMST/AAST/SOCI 5333**Race and Ethnicity: 3-0-3**

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): SOCI 1101.

AMST/ANTH 5431**North American Indians: 3-0-3**

A study of the lifeways of the Native North Americans from the time of European contact through the present. It focuses on understanding the nature and variety of traditional Native American cultures, and on the changes they have undergone. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

AMST/ANTH 5432**Southeastern Indians: 3-0-3**

A study of the lifeways of the native peoples of the Southeastern United States from the late prehistoric period to the present. Their patterns of family life, economy, politics, religion, and ceremony are examined to understand their cultures, appreciate their accomplishments, and obtain insights into the nature of human cultural behavior. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

AMST/AAST/SOCI/ANTH 5435**The South in American Culture: 3-0-3**

The lifeways and social organization of rural society with emphasis on the South. Examines social institutions, community dynamics, social change, and the cultural distinctions of the region. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or SOCI 1101 or permission of instructor.

Anthropology (CLASS)**ANTH 1102/1102H/1102S****Introduction to Anthropology: 3-0-3**

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 2131**Biological Anthropology: 3-0-3**

Examines social life and physical diversity in the context of hominid evolution. Key areas of study include the fossil record, basic genetics, primatology, human variation, and the evolution of communication. Prerequisite(s): A minimum grade of "C" in ANTH 1102 or permission of instructor.

ANTH 3091/3091S**Selected Topics Anthropology: (1-3)-0-(1-3)**

Various topics. May be dual numbered. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH 3131**World Archeology: 3-0-3**

An introduction to the archeology of the Old and New Worlds. This course will examine significant cultural developments from an archeological perspective. A particular focus will be on the development of farming and complex societies. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH 3331**Cultural Anthropology: 3-0-3**

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): ANTH 1102 or permission of instructor.

ANTH/AAST/LING/POLS 3337**Language, Power, Politics: 3-0-3**

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 or ENGL 1160.

ANTH 3431**Linguistic Anthropology: 3-0-3**

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. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in ANTH 1102.

ANTH 4131/AMST 4139**North American Archeology: 3-0-3**

An introductory course on the archeology of North America. Concentrates on the prehistory and protohistory of Native Americans as well as introducing students to the history of North American archeology.

ANTH 4132**Southeastern Archeology: 3-0-3**

The prehistoric cultures of the Southeastern U.S., including their patterns of subsistence, economy, social and political organization, art, and architecture. The relationship between culture and environment in producing culture change is emphasized. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH/AAST/AMST/LING 4133**Gullah and Geechee Language and Culture: 3-0-3**

This 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" ENGL 1102 or ENGL 1160.

ANTH/LAST 4135/4135S**Mesoamerican Archeology: 3-0-3**

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): ANTH 1102 or permission of instructor.

ANTH 4231/4231S**Methods and Theory in Archeology: 3-0-3**

Examination and application of current topics in archeology relating to excavation strategy and interpretation. Analysis of various theoretical approaches as well as field techniques. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH 4232/4232S**Archeology Field Session: 0-6-3**

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. Prerequisite(s): ANTH 1102 or permission of the instructor.

ANTH 4233**Zooarcheology: 3-0-3**

An introduction to the analysis of animal remains from archeological sites. Emphasis will be placed on the identification of specimens and the methodologies of interpretation. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH 4235**Advanced Archeological Analysis: 3-0-3**

An advanced course in the analysis of archeological sites and materials. In-depth examination of certain types of archeological materials. Students also learn about the conservation of archeological materials. Prerequisite(s): ANTH 1102 plus an upper level archeology course or permission of instructor.

ANTH 4262**Archeology Field Session: 0-12-6**

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. No more than 9 total hours are allowed in any combination of ANTH 4232, ANTH 4262, ANTH 4292. Prerequisite(s): ANTH 1102 or permission of the instructor.

ANTH 4292**Archeology Field Session: 0-18-9**

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. No more than 9 total hours are allowed in any combination of ANTH 4232, ANTH 4262, ANTH 4292. Prerequisite(s): ANTH 1102 or permission of the instructor.

ANTH 4331**Anthropology and Human Problems: 3-0-3**

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. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH/RELS 4337**Folklife and Religion: 3-0-3**

A survey of ritual, sacred narrative, storytelling, art, music, and other expressive forms found in folk communities. Examines the creation and persistence of religious tradition in informally constituted settings, both in the United States and internationally.

ANTH 4431**European Cultures: 3-0-3**

An examination of 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. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH 4630**Capstone Seminar in Anthropology: 3-0-3**

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. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in ANTH 2131, ANTH 3131, ANTH 3331, and ANTH 3431.

ANTH 4890/4890S**Directed Individual Study: (1-3)-0-(1-3)**

Independent study under faculty supervision. Prerequisite(s): Permission of instructor.

ANTH 5091/5091S**Selected Topics in Anthropology: (1-3)-0-(1-3)**

Various topics. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH/AMST 5131**Historical Archeology: 3-0-3**

An introduction to the field designed to provide a background in basic research methods in historical archeology and ethnohistory. Emphasis will be placed on regional studies of the southeastern United States. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH 5133**Georgia Archeology: 3-0-3**

A basic background in archeology specifically centered on the state of Georgia. It examines the archeological record from earliest times through the antebellum period in an attempt to place Georgia in the larger archeological setting of the southeastern United States. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH/WGST 5331**Gender and Anthropology: 3-0-3**

An examination of the biocultural and multi-cultural perspectives of gender provided by anthropology. Theories and case examples of gender studies from selected cultures will be examined using insights from physical anthropology, archeology, cultural anthropology, and linguistics. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH 5337/5337S**Ethnographic Methods: 3-0-3**

A 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. Emphasizes qualitative techniques such as interviewing and participant observation. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH/AMST 5431**North American Indians: 3-0-3**

A study of the lifeways of the Native North Americans from the time of European contact through the present. It focuses on understanding the nature and variety of traditional Native American cultures, and on the changes they have undergone. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH/AMST 5432**Southeastern Indians: 3-0-3**

A study of the lifeways of the native peoples of the Southeastern United States from the late prehistoric period to the present. Their patterns of family life, economy, politics, religion, and ceremony are examined to understand their cultures, appreciate their accomplishments, and obtain insights into the nature of human cultural behavior. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH/SOCI/AAST/AMST 5435**The South in American Culture: 3-0-3**

A study of the lifeways and social organization of rural society with emphasis on the South. Examines social institutions, community dynamics, social change, and the cultural distinctions of the region. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or SOCI 1101 or permission of instructor.

ANTH/AAST 5437/5437S**Cultures of Africa: 3-0-3**

A comparative study of the lifeways of African peoples south of the Sahara. Traditional cultures, contemporary development, and the course of culture change in various regions are examined. Graduate students will be given an

extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

ANTH/LING/WRIT 5530**Sociolinguistics: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or SOCI 1101.

ANTH 5631**Anthropology of Language and Gender: 3-0-3**

This course will examine 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. Prerequisite(s): A minimum grade of "C" in ANTH 1102 and prior or concurrent enrollment with a minimum grade of "C" in ANTH 3331 and ANTH 3431.

Arabic (CLASS)**ARAB 1001/1001S****Elementary Arabic I: 3-0-3**

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: 3-0-3**

Continued focus on basic communication skills (understanding, speaking, reading, writing Arabic) and cultural understanding, with increased emphasis on active use of the language. Includes laboratory program.

ARAB 2001**Intermediate Arabic I: 3-0-3**

This course builds upon communication skills (understanding, speaking, reading, and writing Chinese) and cultural understanding which is developed at the elementary level. Prerequisite: ARAB 1002.

ARAB 2002**Intermediate Arabic II: 3-0-3**

Continued focus on communication skills and cultural understanding. Prerequisite(s): Prior or concurrent enrollment in ARAB 2001.

ARAB 3030**Selected Topics in Arabic: (1-3)-0-(1-3)**

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): ARAB 2002.

Art (CLASS)**ART 1000/1000S****Art in Life: 3-0-3**

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 1010/1010S**Drawing I: 2-3-3**

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 1011/1011S**Drawing II: 2-3-3**

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**Two Dimensional Design: 2-3-3**

Emphasizes two-dimensional design through analysis of line, texture, color, size, shape, and mass. Individual experiences with a variety of media.

ART 1030**Three Dimensional Design: 2-3-3**

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 1135/1135S**Painting I: 2-3-3**

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. Prerequisite(s): A minimum grade of "C" in ART 1010, ART 1011, ART 1020, ART 1030, ARTH 2531, and ARTH 2532.

ART 1230**Ceramics I: 2-3-3**

An introduction to clay and the various techniques, including pinching, coil construction, slab building, architectural relief, wheel throwing, and firing. Prerequisite(s): A minimum grade of "C" in ART 1010, ART 1011, ART 1020, ART 1030, ARTH 2531, and ARTH 2532.

ART 1235**Sculpture I: 2-3-3**

A study of the processes and concepts of sculpture. Primitive and historical technologies will be employed in the production of sculpture. Students will gain experience working with a variety of media and materials. Prerequisite(s): A minimum grade of "C" in ART 1010, ART 1011, ART 1020, ART 1030, ARTH 2531, and ARTH 2532.

ART 1236**Jewelry & Metalsmithing I: 2-3-3**

An introduction to the tools, materials and techniques of jewelry/metal design. Students will explore fabrication, surface embellishment, stone-setting and finishing techniques while demonstrating creativity and understanding of the media. Prerequisite(s): A minimum grade of "C" in ART 1010, ART 1011, ART 1020, ART 1030, ARTH 2531, and ARTH 2532.

ART 1335/1335S**Photographic Imaging I: 3-2-3**

This is a studio course that explores fundamentals techniques and applications of the photographic medium within the context of art. Students learn to use the digital camera and employ Photoshop, as a tool for developing personal creative self-expression, and ways in which to think and see in new ways. Students are critiqued on the basis of technical proficiency, aesthetic accomplishment and conceptual development. Prerequisite(s): A minimum grade of "C" in ART 1010, ART 1011, ART 1020, ART 1030, ARTH 2531, and ARTH 2532.

ART 1430/1430S**Print, Paper, Book Arts I: 2-3-3**

Overview of all printing processes including relief, intaglio, serigraphy, and lithography, as well as, an introduction to eastern and western papermaking and bookbinding structures. Conceptual emphasis encourages growth of student's personal content and development as an artist within parameters of

assigned concept. Prerequisite(s): A minimum grade of "C" in ART 1010, ART 1011, ART 1020, ART 1030, ARTH 2531, and ARTH 2532.

ART 2000**Advanced Placement Studio: 2-3-3**

This course is designed to award Advance 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. Prerequisite(s): Permission of instructor.

ART 2135/2135S**Painting II: 2-3-3**

An advanced exploration of paint as an expressive medium. Emphasis is on the cultivation of personal imagery and creative exploration as informed by a knowledge of traditional and contemporary art. Technical competence handling traditional formal elements such as composition, color mixing, and paint surface are stressed. Students are urged to develop a personal iconography and to deepen the expressionistic content of their work. Prerequisite(s): ART 1135.

ART 2230**Ceramics II: 2-3-3**

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 concern dealing with the form. Prerequisite(s): ART 1230.

ART 2233**Computer Graphics: 2-3-3**

This is an introductory overview of computer-based imaging. Students will create and manipulate digital images. Prerequisite(s): A minimum grade of "C" in ART 1010 and ART 1020.

ART 2235**Sculpture II: 2-3-3**

Advanced studio work in the concepts and processes of sculpture. A major emphasis will be placed on using casting techniques to produce original works of art. Prerequisite(s): ART 1235.

ART 2236**Jewelry & Metalsmithing II: 2-3-3**

An exploration of intermediate level techniques of jewelry/metal design. Students will investigate casting and wax-working techniques while developing a personal direction in the discipline. Prerequisite(s): A minimum grade of "C" in ART 1236 or permission of instructor.

ART 2330**Typography I: 2-3-3**

Introduction to the basic foundations of typographic design. Creative solutions to typographical design problems will be explored, through the application of the practical and technical aspects of typography. Prerequisite(s): A minimum grade of "C" in ART 1010, ART 1011, ART 1020, ART 1030, ARTH 2531, ARTH 2532, GCM 1321, and GCM 1411.

ART 2331/2331H**Visual Thinking in Graphic Design: 2-3-3**

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 1010, ART 1011, ART 1020, ART 1030, ARTH 2531, ARTH 2532, GCM 1321, and GCM 1411.

ART 2335**Photographic Imaging II: 3-2-3**

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): ART 1335.

ART 2430

Print, Paper, Book Arts II: 2-3-3

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 will 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): ART 1430.

ART 3131/3131S

Drawing III: 2-3-3

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): All area F Art courses.

ART 3132

Figure Drawing: 2-3-3

The historical, structural, anatomical, and compositional study of the human figure as an expressive subject. Prerequisite(s): All area F Art courses.

ART 3137

Painting III: 3-0-3

This course is intended to provide students advanced opportunities to explore the process of personal image making through painting media. The student will work to refine their ability to create strong and "finished" imagery by focusing on edges, actively choosing placement of hard and soft edges to move viewer's eye through the image and actively mixing colors at edges that interact to strengthen and enhance colors used next to each other. Students will also focus on using paint mediums and on mark making to actively create a painterly surface. Prerequisite(s): A minimum grade of "C" in ART 1135 and ART 2135.

ART 3230/3230H/3230S

Ceramics III: 2-3-3

Advanced exploration into clay forms including surfaces and various firing techniques. Students develop a vocabulary of visual work supported by research in the history of ceramics. Prerequisite(s): ART 2230.

ART 3235

Sculpture III: 2-3-3

Advanced studio work in the concepts and processes of sculpture. Major emphasis will be placed on using casting techniques to produce original works of art. Prerequisite(s): ART 2235.

ART 3236

Jewelry & Metalsmithing III: 2-3-3

Advanced students will explore metal-forming techniques such as forging, raising and fold-forming in the creation of small sculptural objects and jewelry. Students will demonstrate proficiency in the media while developing a unique personal style. Prerequisite(s): ART 2236 or permission of instructor.

ART 3330

New Media Design: 2-3-3

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 2330 and ART 2331.

ART 3331

Graphic Design Methods: 2-3-3

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 2330 and ART 2331.

ART 3333

Design Systems: 2-3-3

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 3330 and ART 3331.

ART 3334

Professional Practices: 2-3-3

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): ART 3331.

ART 3335

Photographic Imaging III: 3-2-3

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 our role and responsibilities as image-makers. Prerequisite(s): A minimum grade of "C" in ART 2335.

ART 3338

Typography II: 2-3-3

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 communications problems. Students will use type as a visual form and visible language. Prerequisite(s): ART 2330.

ART 3430/3430S

Print, Paper, Book Arts III: 2-3-3

Continued exploration of print/paper/book arts processes, student artists will develop a body of work advancing their portfolio, including furthering individual style, concept development, and print, paper, book arts skills. Prerequisite(s): A minimum grade of "C" in ART 2430.

ART 3731/3731S

Graphic Design Internship: 2-3-3

Students will apply their skills and learn practices of the profession through a professional experience in graphic design. Prerequisite(s): ART 3331.

ART 4190/4190S

Problems in Drawing: 2-3-3

An intensive exploration of drawing media with special focus on advanced levels of personal expression. Thematic content, style, and expressive interpretation are to be determined by the student in consultation with the instructor. Prerequisite(s): Permission of the instructor.

ART 4333

Publication Design: 2-3-3

This class investigates publication design as a vehicle for consolidating all graphic design skills. Informed by tradition, as well as trend and its commercial viability in publications, students develop visual expressions as they pertain to journalistic philosophies, typography, photography, illustration, technology, time and sequencing. Integrated style or identity will be examined and related to various publications and view audiences,

such as corporate reports and books, museum exhibit catalogs and magazines. Prerequisite(s): ART 3331 and ART 3338.

ART 4335

Web Page Design: 2-3-3

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): ART 3331 and ART 3338.

ART 4381

Graphic Design Theories: 2-3-3

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 3330 and ART 3331.

ART 4590/4590S

Selected Topics in Art: 2-3-3

Studio experiences to further students' artistic development in varied, unique processes and approaches. Prerequisite(s): A minimum grade of "C" in ART 1010, ART 1011, ART 1020, ART 1030, ARTH 2531, and ARTH 2532.

ART 4889

Graphic Design Portfolio: 2-3-3

The student will compile a professional portfolio and exhibit creative work to the public. Prerequisite(s): A minimum grade of "C" in ART 3334 and ART 4381.

ART 4999

BFA Portfolio and Exhibition: 2-3-3

Portfolio development and exhibition experience for senior BFA studio students. Prerequisite(s): Last semester in degree program.

Art History (CLASS)

ARTH 2531/2531S

Art History I: 3-0-3

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 2532/2532S

Art History II: 3-0-3

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. Prerequisite(s): A minimum grade of "C" in ARTH 2531.

ARTH 3231

Modern Art History: 3-0-3

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, economics, 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 2531 and ARTH 2532 or permission of instructor.

ARTH 3251

Dada and Surrealism Art History: 3-0-3

This course will examine the profound and lasting contributions made by Dada and 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 progressive 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 2531 and ARTH 2532 or permission of instructor.

ARTH 3261

Italian Mannerism Art History: 3-0-3

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 and 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 2531 and ARTH 2532 or permission of instructor.

ARTH 3272

Northern Renaissance Art History: 3-0-3

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 2531 and ARTH 2532 or permission of instructor.

ARTH 3282

Pre-Colombian Art History: 3-0-3

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, basalt 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 and ARTH 2532.

ARTH 3377

Graphic Design Art History: 3-0-3

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 2531 and ARTH 2532 or permission of instructor.

ARTH/AAST 3435

African Art History: 3-0-3

Surveys the major themes, cultural groups, and art traditions of Africa. Focuses on materials, functions, meaning and the distinctive aesthetic values of cultural objects and their ritual significance in African societies. Prerequisite(s): A minimum grade of "C" in ARTH 2531 and ARTH 2532.

ARTH/AAST 3436

African American Art History: 3-0-3

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 and ARTH 2532.

ARTH/AMST 3437

American Art History: 3-0-3

This course examines the history of American Art from the Colonial Period through the present. Works of art and other forms of material culture will be explored and discussed within the context of philosophical, historical, social, and cultural developments. Attention will be given to the writings of artists and critics, as well as texts by contemporary art historians, historians, and other scholars which illustrate the variety of methodologies and interpretations that are currently being brought to bear on American art, architecture, and material culture. The format for this course is lecture with discussion. Prerequisite(s): A minimum grade of "C" in ARTH 2531 and ARTH 2532.

ARTH 3530/3530S

Art and Architecture of the Ancient World: 3-0-3

This course will encompass a study of the visual arts, primarily sculpture, painting, and metalwork, and architecture, both secular and religious, of the ancient world from Prehistoric times through circa 350 CE, with an emphasis on the art of Greece and Rome. A historical and cultural background will be provided to lay a contextual groundwork for the more specific information of the works of art and architecture. The material will begin with the examination of the earliest artistic creations by humankind in the Paleolithic era, proceed with the works of the ancient Egyptian, Greek, Etruscan, and ancient Roman cultures, and conclude with the conversion of the Roman Empire to Christianity and to the era known as Early Christian. 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 2531 and ARTH 2532.

ARTH 3531/3531S

Medieval Art History: 3-0-3

This course will encompass a study of the visual arts in Europe, primarily sculpture, painting, and architecture from the fall of the Roman Empire to the thirteenth century. While some secular works will be covered, primarily the course will address Christian art because of the Church's strong sway in the Medieval world. 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 2531 and ARTH 2532.

ARTH 3532

Italian Renaissance Art History: 3-0-3

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 2531 and ARTH 2532.

ARTH 3533

Baroque and Rococo Art History: 3-0-3

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 2531 and ARTH 2532.

ARTH 3534/3534S

19th Century Art History: 3-0-3

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 2531 and ARTH 2532.

ARTH 4276

Art Theory and Criticism: 3-0-3

This course will explore selected themes and issues in contemporary theory and criticism as they impact the ways in which art is produced, viewed, and written about today. This course will provide students with the practical knowledge and skills to comprehend and critically evaluate the vast body of theory and criticisms currently being written on the arts and to critically examine their own experience and perspectives on art education and the practice of art. Topics include formalism, gender and identity, otherness, realism and ideology, semiotics, representation, the gaze, surveillance, and power. The format of the course is lecture with discussion. Prerequisite(s): A minimum grade of "C" in ARTH 2531 and ARTH 2532.

ARTH 4435/4435S

Art History Travel Research: 3-0-3

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.

ARTH 4530

20th Century Art History: 3-0-3

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 2531 and ARTH 2532.

ARTH 4531/4531S

Contemporary Art History: 3-0-3

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 2531 and ARTH 2532.

ARTH 4631/4631S

Art History Seminar: 3-0-3

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 and ARTH 2532.

ARTH 4830

Art History Research: 3-0-3

Independent research and study on selected topics in art history.
Prerequisite(s): Permission of instructor.

ARTH 4831

Senior Art History Thesis: 3-0-3

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, 18 hours of Art History, and approval of advisor.

Astronomy (COSM)

ASTR 1000

Introduction to the Universe: 3-0-3

A study of the motions and constitution of the solar system, stars and other celestial bodies. Theories of evolution of celestial bodies and the universe are considered in addition to the instrumentation used by astronomers.

ASTR 1010

Astronomy of the Solar System: 3-0-3

A study of the motions and physical properties of the planets, asteroids, and comets.

ASTR 1020

Stellar and Galactic Astronomy: 3-0-3

A study of the physical properties of stars and galaxies and of the origins of the universe.

ASTR 1211/1211S

Astronomy Lab: 0-2-1

A series of laboratories designed to measure the physical properties of planets, stars, and galaxies. Corequisite(s): Must be taken concurrently with either ASTR 1010 or ASTR 1020.

ASTR/PHYS 3131

Optics: 3-0-3

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 2211 and PHYS 2212 or permission of instructor.

ASTR 3137

The Search for Life in the Universe: 3-0-3

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 extraterrestrial 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, ASTR 1010, or ASTR 1020, or permission of instructor.

ASTR 3538

Physical Astronomy: 3-0-3

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 2211 or PHYS 1111 and PHYS 2212 or PHYS 1112.

ASTR/PHYS 3558

Introduction to General Relativity: 3-0-3

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, blackholes, 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.

ASTR 3790

Teaching Internship in Astronomy: 0-(4-7)-(1-2)

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): ASTR 1000, ASTR 1010, or ASTR 1020; and permission of instructor.

ASTR 4130

Astrophysics: 3-0-3

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): PHYS 1112 or PHYS 2212.

ASTR 4138

Galactic Astronomy: 3-0-3

Galactic Astronomy will cover advanced topics in galactic structure and evolution. This includes galaxy morphology, stellar and gaseous content, stellar orbits, disk dynamics, central massive blackholes, large scale structure, interactions and evolution in a cosmological setting. Students will also be introduced to the historic development of our modern view of the universe. Prerequisite(s): PHYS 1112 or PHYS 2212, or permission of instructor.

ASTR 4330

Observational Techniques in Astronomy: 3-0-3

This course will cover advanced topics in astronomical observing techniques. This includes the basic physical principles and methods needed to plan, obtain, and reduce photometric data of celestial objects. Students will be introduced to the principles of spherical astronomy, photoelectric detectors, atmospheric extinction and standard system transformations, and the Image Reduction and Analysis (IRAF) software package. Prerequisite(s): PHYS 1112 or PHYS 2212.

ASTR 5090

Selected Topics in Astronomy: (0-5)-(0-6)-(2-5)

A course allowing for investigation of selected topics in Astronomy; it will be taught on a one-time basis. Lecture only courses 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): PHYS 1112 or PHYS 2212 or permission of instructor.

ASTR 5890

Astronomy Research Experience: (0-3)-(0-12)-(1-4)

An independent astronomy 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. 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.

Biology (COSM)

BIOL 1110/1110H/1110S

General Biology Laboratory: 0-2-1

A series of laboratory components that involve hands-on experimentation with the biological concepts of genetics, growth, ecology, reproduction, development and physiological processes.

BIOL 1130/1130H/1130S

General Biology: 3-0-3

An introductory course covering the concepts and applications of biological diversity. In this course, cell organization, genetics, diversity, plant and animal structure and function, ecology, evolution, and our impact on the environment will be discussed in class.

BIOL 1210/1210H

Environmental Biology Laboratory: 0-2-1

A series of laboratory components that are directed towards ecological and environmental science and stress experimental design and data analysis.

BIOL 1230/1230H

Environmental Biology: 3-0-3

A consideration of environmental issues and ecological processes including interspecific interactions, community dynamics, biodiversity, and the major biomes of the world. Human impact on earth, population growth, conservation, energy production, food production, and pollution will be related to those basic ecological processes.

BIOL 1331

Insects and People: 3-0-3

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. Consideration 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 1333

From Neuron to Brain: 3-0-3

A consideration of the workings of the brain from a biological perspective. The mechanisms of neural function from cell to network to brain will be studied. Topics will include neurons, neurotransmitters, nerve nets, the biological basis of learning, vision, language, brain sex differences, major disorders of mind and brain, and aging of the brain.

BIOL 1335/1335H/1335S

Plants and Civilization: 3-0-3

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 2107/2107H

Principles of Biology I: 3-0-3

A general course covering the concepts and applications of cellular and molecular biology. Includes scientific method, cell organization, gene regulation, molecular genetics, cell diversity, cell structure and function, and evolution. Prerequisite(s): Prior or concurrent enrollment in CHEM 1145. Corequisite(s): BIOL 2107L.

BIOL 2107L

Principles of Biology I Laboratory: 0-3-1

Laboratory course emphasizing hands-on experience in the applications of cellular and molecular biology through emphasis on experimental design and data analysis. Prerequisite(s): Prior or concurrent enrollment in CHEM 1145. Corequisite(s): BIOL 2107.

BIOL 2108/2108H

Principles of Biology II: 3-0-3

Overview of major organismal, evolutionary and ecological topics in biology including evolution, diversity of life on earth, plant and animal form and function, and ecology. The course also discusses how life evolved to meet changing conditions on the planet. Prerequisite(s): BIOL 2107 or BIOL 2107H and BIOL 2107L. Corequisite(s): BIOL 2108L.

BIOL 2108L

Principles of Biology II Laboratory: 0-3-1

Laboratory survey of the diversity and basic biology of viruses, bacteria, protista, fungi, plants, and animals. Emphasis will be placed on recognition of the major groups of organisms and understanding of the relationship between structure, function and organismal success. Prerequisite(s): Prior or concurrent enrollment in CHEM 1145. Corequisite(s): BIOL 2108.

BIOL 2240/2240S

Microbiology: 3-2-4

Emphasizes fundamental principles of microbiology. Topics include structure, physiology, and economic importance of microorganisms.

Prerequisite(s): 4 credit hour laboratory course in Biology or Chemistry and sophomore standing.

BIOL 2320H

Honors Research Methods in Biology: 2-0-2

Provides Departmental Honors in Biology students an overview of basic research methods, experimental design, visual presentation and analysis of biological information in a 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): BIOL 2107 or BIOL 2107H and BIOL 2108 or BIOL 2108H. Any introductory Biology sequence can substitute for BIOL 2107/BIOL 2108. Acceptance into the Departmental Honors in Biology Program is required.

BIOL 3099/3099H/3099S

Selected Topics/Biology: 3-3-4

Course taught on a selected topic in biology on a one-time basis. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 3130

Principles of Genetics: 3-0-3

This course includes the study of gene structure and function, the role of genes in determining the traits of living organisms, and the role of genes in evolution. Topics include the physical basis of Mendelian inheritance, interaction of genes, linkage and mapping, sex linkage, DNA replication, mutation, RNA transcription, protein translation, regulation of gene expression, and the fundamental principles of population, quantitative, and evolutionary genetics. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 3133

Evolution and Ecology: 3-0-3

An introduction to major principles of genetics, evolution, and ecology. This course covers the origin and maintenance of genetic variation (Mendelian and population genetics), 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. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 3230

Introduction to Immunology: 3-0-3

Introduction to the biology of lymphocytes and adaptive immune responses including the study of immunoglobulins and cytokines. The roles of the immune system in health and disease are also examined. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and three or four courses in chemistry.

BIOL 3240

Biology of Microorganisms: 3-3-4

Covers the principles and techniques of general microbiology, including physiology, genetics, and host-parasite interactions involving bacteria, eukaryotic microorganisms and viruses. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 3440

Field Biology: 3-3-4

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 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 3535

The Biology of Plants: 3-0-3

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. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and permission of the instructor.

BIOL 3541

Invertebrate Zoology: 3-3-4

A survey of the diversity and basic biology of the invertebrates. Emphasis is placed on adaptations responsible for the diversity and life history strategies of invertebrates, and identification of locally important invertebrate groups. Field trips and research project required. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 3545

Vertebrate Zoology: 3-3-4

Study of the vertebrates with emphasis on the form, function, identification, evolution, distribution, and life histories of local vertebrate fauna. Field trips required. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 3630H

Honors Current Trends in Biological Research: 3-0-3

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 2320H. Acceptance into the Departmental Honors in Biology Program is required.

BIOL 3635

Biological Basis of Animal Behavior: 3-0-3

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 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 3790

Teaching Internship in Biology: 1-(2-6)-(1-3)

Student internship in BIOL 1210 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 BIOL 1210, and meet with the faculty mentor one hour each week. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, Junior standing or above, 3.0 GPA, letter of recommendation from a professor and permission of instructor. 1 credit hour per laboratory section of BIOL 1210 in which the student interns.

BIOL 4620

Undergraduate Seminar: 2-0-2

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 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and junior standing.

BIOL 4730

Internship in Biology: 3-0-3

Qualified biology majors may acquire practical experience by working with a government agency that specializes in the proposed area of study. Faculty members of the biology department must act as consultants. Internships must be approved by the head of the department. An oral presentation of the results must be presented at the end of the semester. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, minimum GPA of 2.75, and junior standing.

BIOL 4890/4890S

Undergraduate Research: (1-4)-0-(1-4)

Biology majors will be encouraged to conduct a research project under the supervision of faculty. 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. A maximum of five credit hours of BIOL 4890 may be counted toward the 22 (BA) or 32 (BSB) credit hours needed in Biology Elective course work. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, minimum GPA of 2.75, and junior standing.

BIOL 4895H

Honors Research: 0-(3-9)-(1-3)

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. Prerequisite(s): Junior level or above; good standing in the University Honors Program (3.3 GPA or higher).

BIOL 4999H

Honors Thesis: 2-0-2

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. Prerequisite(s): A minimum grade of "C" in 4 credit hours of BIOL 4895H; good standing in the University Honors Program (3.3 GPA or higher).

BIOL 5099/5099H/5099S

Selected Topics/Biology: 3-(0 or 3)-(3 or 4)

A course taught on a one-time basis. Lecture only courses will be three credit hours while courses with a laboratory will be four credit hours. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5131

Cell Biology: 3-0-3

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. Graduate students will be given an extra assignment or an extra section on tests, as determined by the instructor, that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, BIOL 3130, and two semesters of chemistry or permission of instructor.

BIOL 5132

Molecular Genetics: 3-0-3

Examines aspects of inheritance of organisms at the molecular, biochemical, cytological, organismic and population levels. Graduate students will be given an extra assignment or additional section of questions on tests that undergraduates will not be required to complete. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, BIOL 3130, and a combination of 20 hours of Biology and Organic Chemistry.

BIOL 5134

Population/Quantitative Genetics: 3-0-3

Introduction to the dynamics of evolutionary change for qualitative and metric characters. Hardy-Weinberg equilibrium will provide a basis for further analysis of microevolutionary "forces" of selection, drift, gene flow, and mutation. Methods for estimating heritability of metric traits and predicting the course of selection will also be introduced. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 3130. A statistics course and first calculus recommended.

BIOL 5142

Molecular Biotechniques: 3-3-4

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 3130.

BIOL 5148

Human Genetics: 3-3-4

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, BIOL 3130, and CHEM 3341.

BIOL 5210

Comparative Animal Physiology Laboratory: 0-3-1

Laboratory study of the basic physiological processes of animals, with integrated studies of molecular, cellular, metabolic, and organ-system functions. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, BIOL 3130, and prior or concurrent enrollment in BIOL 5230 or permission of instructor. Corequisite(s): BIOL 3130.

BIOL 5230

Comparative Animal Physiology: 3-0-3

A comparative review of the function and regulation of the major organ systems in animals. Topics include homeostasis, membrane transport, osmoregulation, and energetics. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L. Corequisite(s): BIOL 3130.

BIOL 5237

Physiological Ecology: 3-0-3

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. 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 BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L. Corequisite(s): BIOL 3130.

BIOL 5239

Neurobiology: 3-0-3

Introduction to the mechanisms of neural responses, neural integration, neural development, and environmental effects on developing mature nervous systems. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 5131. CHEM 1146 and PHYS 1112 recommended.

BIOL 5240

Histology: 3-3-4

Examines the origin, development, structure, and function of vertebrate tissues. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5241

Comparative Vertebrate Anatomy: 3-3-4

A comparative and functional study of the morphological systems of vertebrates. Laboratory emphasizes dissection of representative vertebrate groups. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5243

Toxicology: 3-3-4

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L. BIOL 5230, CHEM 1145, and CHEM 1146 recommended.

BIOL 5244

Insect Physiology: 3-3-4

An introduction to insect physiology. Topics include ingestion and utilization of food, reproduction, water balance, muscles, sensory systems, and pheromones. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5245

Ethophysiology of Insects: 3-3-4

An intensive off-campus examination of insect sensory and motor systems. Topics include insect structure and function, behavior of insects, and measurement and analysis of simple and complex behaviors. Course is held in residence at a field station. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5246

Human Pathophysiology: 3-3-4

A selective survey of causes and effects of diseases 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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 5230. BIOL 5132 and BIOL 5248 recommended.

BIOL 5247

Endocrinology: 3-3-4

A study of endocrine mechanisms, including their evolution and importance at various levels of biological organization. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5248

Immunology: 3-3-4

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and CHEM 3341 and CHEM 3342, or permission of instructor.

BIOL 5333

Emerging Diseases: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L or permission of instructor.

BIOL 5340**Plant Pathology: 3-3-4**

A broad introduction to representative common plant diseases and disorders with emphasis on diagnoses, causes, epidemiology, and methods of control. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5341**Parasitology: 3-3-4**

A study of the general principles of parasitism, with emphasis on morphology, classification, identification, and life cycles of parasites of vertebrates. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5343**Medical-Veterinary Entomology: 3-3-4**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and one of the following: BIOL 5442, BIOL 5341 or BIOL 3541.

BIOL 5345**Systematic Biology: 3-3-4**

Introduces the principles and methods of biosystematics. Speciation, 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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5431/5431H**Virology: 3-0-3**

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 biocontrol. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 3130.

BIOL 5432**Deep Sea Environments: 3-0-3**

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. Graduate students will be assigned extra readings from the current and classical peer-reviewed literature pertaining to the deep sea environment. Prerequisite(s): BIOL 2107 and BIOL 2108.

BIOL 5441**Mycology: 3-3-4**

Broad introduction to various taxonomic groups of Fungi, emphasizing morphology, taxonomy, evolution, physiology, and economic importance. Selected mycotic diseases and symbiotic relationships in nature will be explored. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and two courses of chemistry.

BIOL 5442**Entomology: 3-3-4**

Examines the phylogeny, morphology, life history and ecology of insects. Identification of local species will be emphasized. Field trips required. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5443**Flora of Georgia: 3-3-4**

A taxonomic/biosystematic approach to the study of Georgia's plants. Primary emphasis is on vascular plants (ferns and seed plants), including methods of plant analysis, identification, classification, collection and preservation. Students will also learn how to recognize some non-vascular plants in Georgia's ecosystems. Field trips are required on some Saturdays. Graduate students are given extra assignments not required of undergraduates. Prerequisite(s): A minimum grade of "C" in BIOL 3535 or permission of instructor.

BIOL 5444**Ichthyology: 3-3-4**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5445**Herpetology: 3-3-4**

Examines the phylogeny, morphology, life history and ecology of reptiles and amphibians. Field identification of local species will be emphasized. Field trips required. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5446**Ornithology: 3-3-4**

An introduction to the study of birds, emphasizing field identification, songs and calls, classification, and life histories of Georgia's birds. Anatomical, physiological and behavioral adaptations are reviewed. Field trips required. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5448**Mammalogy: 3-3-4**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5530**Wildlife Management: 3-0-3**

Emphasizes the principles, practices and prescriptions used in restoring and managing wildlife and other natural resources on a sustainable basis. All elements of wildlife management are examined in relation to basic land and water uses affecting the landscape. Factors influencing wildlife populations, including behavior, diseases, hazardous substances, predation and harvests are covered in practical perspectives. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L. BIOL 5540 strongly recommended.

BIOL 5532**Evolution: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 3133.

BIOL 5534**Conservation Biology: 3-0-3**

Explores the causes and consequences of the loss of biodiversity, as well as methods for conserving rare species and ecosystems. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5537**Biogeography: 3-0-3**

Examines the distributional patterns of animals and plants from the perspectives of vicariance biogeography and organismal dispersal. One field trip required. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, and BIOL 2108L.

BIOL 5540**Ecology: 3-3-4**

Reviews basic ecological principles and current hypotheses relevant to biological organisms from the level of the population to ecosystems. Application of mathematic models to biological processes is emphasized. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 3133.

BIOL 5541/5541S**Tropical Marine Biology: 3-3-4**

This is an intensive 2-week field course conducted in the Bahamas. Through daily lectures and field excursions, students are exposed to the natural history and ecology of a variety of marine organisms and ecosystems including mangroves, seagrasses, rocky shores and coral reefs. Additional fees required. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and permission of instructor.

BIOL 5542**Aquatic Ecology: 3-3-4**

Covers the biological and physiochemical factors that affect common organisms found in local aquatic ecosystems, including streams and rivers, wetlands, estuaries, and lakes. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, BIOL 3133, CHEM 1145 and CHEM 1146.

BIOL 5543**Biological Field Experience: 1-9-4**

A field expedition involving biological investigations of a major biome or natural area. Expeditions normally require three to five weeks in the field, depending upon the habitat selected and the type of travel required. In addition to tuition, students must bear all travel expenses while in the field. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, junior standing, and permission of instructor(s).

BIOL 5544**Population Biology: 3-3-4**

A review of the genetic consequences of evolutionary forces that impact population structure, cohesion, and persistence. Special attention is given to the behavioral, ecological, and demographic responses of populations to

natural selection pressures arising from the social environment and the presence of other species in the community. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, BIOL 3130, and BIOL 3133.

BIOL 5546**Plant Evolutionary Ecology: 3-3-4**

Examines the complex nature of plant reproductive biology, with focus on the evolution and maintenance of diverse breeding systems, the dynamics of plant-pollinator relationships, seed and seedling ecology, and coevolution. Students will design and carry out research projects, read the primary literature and present oral seminars. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 3133.

BIOL 5547**Marine Ecology: 3-3-4**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 3133 or permission of instructor.

BIOL 5644**Insect Ecology: 3-3-4**

Examines the basic principles of ecology, as they directly relate 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. Graduate students will be given an extra assignment that is not required of undergraduates. Prerequisite(s): A minimum grade of "C" in BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 3130.

BIOL 5645**Behavioral Ecology: 3-3-4**

This is a course in behavioral biology couched in a framework of evolutionary and ecological inputs on behavior. Through lectures, discussions on papers from the primary literature, field trips with experiments related to recent topics covered in class, and student presentations on their research, participants will be immersed in the field of behavioral ecology. The laboratory will emphasize techniques used to study behavioral and provide students an opportunity to conduct research and carry out the entire scientific process in a behavioral context. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, and BIOL 3635 or graduate level status.

Business Administration (COBA)**BUSA 1105/1105H/1105S****Introduction to Business: 3-0-3**

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): Only pre-business and non-business majors who have not completed other business courses may register for this course.

BUSA 1131**Financial Survival Skills: 3-0-3**

An overview of the issues relating to managing finances throughout one's life. Attention is given to career planning, budgeting, credit cards, loans,

lease vs. purchase for automobiles and housing, saving for retirement and risk management with insurance.

BUSA 3100

Essentials of Peer Advising: 1-0-0

This block course will prepare students to become peer advisors in the College of Business Administration. The course will teach students paraprofessionals skills and knowledge to allow them to serve other students in a peer advising role. The professional staff/instructor has the obligation to provide the essential theoretical and practical information necessary for students to effectively carry out their responsibilities. Specifically peer advisors will be provided with the information necessary to (1) give guidance to pre-business students regarding academic procedures and policies, (2) offer knowledgeable referrals to university resources available to address academic questions and issues, and (3) help pre-business students better understand and prepare for the advisement process. Cannot be applied to any COBA major or minor. Prerequisite(s): B.B.A. Status, cumulative GPA of 3.0 or higher, and approval of COBA Associate Dean for Student and External Relations.

BUSA 3131/3131H/3131S

Business Statistics: 3-0-3

This introductory course covers the concepts and techniques concerning exploratory data analysis, descriptive statistics, probability distributions, sampling and sampling distributions, statistical inference methods including confidence interval and hypothesis testing, and an introduction of categorical data analysis. Students will learn how these topics apply to and can be used in business, using both manual computations and statistical software. Prerequisite(s): A minimum grade of "C" in CISM 2530, and MATH 1232 or MATH 1441 or a minimum grade of "B" in MATH 1111.

BUSA 3132/3132H

Applied Statistics and Optimization: 3-0-3

This course focuses on more advanced models including correlation, simple and multiple regression analysis, time series and forecasting, and optimization models. Computer software will be used to assist in modeling and analysis. Students will learn to apply these techniques to solve business problems. Prerequisite(s): A minimum grade of "C" in BUSA 3131.

BUSA 3134

Accounting for Management: 3-0-3

Presents the internal and independent audit functions, demonstrating how they assist managers in organizations. Accounting information is used to enhance management decision making in a variety of business contexts, such as analyzing an annual report and making product pricing decisions for both internal and external customers. Prerequisite(s): A minimum grade of "C" in both ACCT 2101 and ACCT 2102; or a minimum grade of "C" in ACCT 2030.

BUSA 4131/4131H/4131S

Strategic Management: 3-0-3

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 BUSA 3132, FINC 3131, MGNT 3130, MGNT 3430, and MKTG 3131.

BUSA 4132/4132S

Business Ethics: 3-0-3

Business ethics refers to the collective values of a business organization that can be used to evaluate whether the behavior of the business's members are considered acceptable and appropriate. This course will explore alternative views of ethics, describe the ways in which a business shapes its ethical environment, demonstrate how ethical problems arise, and help students develop codes and strategies that lead to ethical behavior. Prerequisite(s): A minimum grade of "C" in LSTD 2106.

BUSA 4700

Cooperative Education: 0-0-0

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. 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)-0-(3-6)

A supervised work-study program in selected business firms throughout the southeast. Prerequisite(s): Total Institution GPA of 2.5 or better, permission of advisor and major department chair.

BUSA 4799

Peer Advising: 0-(0-2)-(0-2)

Practicum in advising focuses on BBA students (1) providing guidance to pre-business students in understanding academic procedures and policies, (2) offering knowledgeable referrals to university resources available to address academic questions and issues, and (3) helping pre-business students better understand and prepare for the advisement process. May be taken twice for up to four hours of free elective credit. Cannot be applied to any COBA major or minor. Prerequisite(s): A minimum grade of "B" in BUSA 3100, B.B.A. Status, cumulative GPA of 3.0 or higher, and approval of COBA Associate Dean for Student and External Relations.

BUSA 4830/4830S

Special Topics in Business: 3-0-3

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. Prerequisite(s): Senior Standing and permission of the director.

BUSA 4930

Undergraduate Research Practicum: 0-3-3

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): Permission of the Director of the COBA Undergraduate Research Program. If the course is being taken to satisfy a specific program requirement, permission is also required of that Program Director.

Civil Engineering (CEIT)

CENG 2231

Surveying: 2-2-3

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 ENGR 1133 or TCM 1232.

CENG 3011

Leveling Topics in Surveying: (0 or 1)-(0 or 1)-(0 or 1)

This is a leveling course to bridge the gap between the Surveying course required for the Civil Engineering Technology and the Civil Engineering program. It includes methods for analysis and presentation of surveying and positioning data, as well as, a comprehensive field surveying project which involves the use of level, total station, and GPS. Prerequisite(s): A minimum grade of "C" in MATH 1441 and TCET 2241.

CENG 3131

Introduction to Environmental Engineering: 2-2-3

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 1147.

CENG 3132

Introduction to Water and Wastewater Treatment: 2-2-3

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 3131, CENG 3311, and ENGR 3235.

CENG 3133

Transportation Systems: 2-2-3

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 prior or concurrent enrollment in MATH 3337.

CENG 3135

Project Cost Analysis, Planning and Management: 3-0-3

This course addresses various aspects of planning and management of civil engineering projects including economics, cost estimation, construction contracts, delivery methods, and scheduling. The course also covers various engineering economic topics such as time value of money and cost/benefit analysis. The probability and statistics topics relevant to civil and environmental engineering are additionally discussed along with ethical guidelines for professional conduct and code of ethics. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in CENG 3233 and Junior or Senior standing in CET or CE.

CENG 3231

Highway Design I: 2-2-3

This course covers different approaches to highway design, mainly based on considerations of geometric controls, structural requirements, drainage needs and costs. Prerequisite(s): A minimum grade of "C" in CENG 2231.

CENG 3232

Soil Mechanics: 2-2-3

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: 2-2-3

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 3242

Structural Analysis: 3-2-4

Introduction to types of structures and loads. Analysis of statically determinate and indeterminate structures by classical and other methods. The types of structures covered include beams, plane trusses, and plane frames. Topics include external and internal reactions, deflections, moving loads and influence lines, approximate methods (including portal method and cantilever method), classical slope-deflection and moment distribution methods, and an introduction to matrix method. Computational laboratory

activities in support of instruction, including use of industry-standard structural analysis software. Prerequisite(s): MATH 2243 and a minimum grade of "C" in ENGR 1133, ENGR 1731, ENGR 3233, and MATH 2331. Corequisite(s): MATH 3230.

CENG 3311

Fluid Mechanics Lab: 0-2-1

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 I: 3-1-3

This course is the first of a two-course series on structural analysis. It 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): Prior or concurrent enrollment in MATH 3230 and a minimum grade of "C" in ENGR 3233.

CENG 3332

Structural Analysis II: 3-1-3

Designed to discuss various approaches for analysis of statically indeterminate structures. Classical methods, such as the slopedeflection 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, ENGR 1731, and MATH 2331.

CENG 3333

Reinforced Concrete Design: 3-1-3

Course covers characteristics of concrete materials; introduction to ACI Building Code requirements for reinforced concrete; strength design of slabs, beams, columns and footings. Prerequisite(s): A minimum grade of "C" in CENG 3331.

CENG 4133

Water Supply and Wastewater Collection Systems: 2-2-3

The 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 3131, CENG 3311, and ENGR 3235.

CENG 4135

Highway Design: 2-2-3

A synthetic approach to highway design mainly including geometric and pavement structural design, based on considerations of geometric controls, structural requirements, drainage needs, properties of pavement materials and economy. Prerequisite(s): A minimum grade of "C" in CENG 2231, CENG 3133, and CENG 3233.

CENG 4136

Soil Mechanics and Foundations: 2-2-3

Introduction to soil mechanics, including 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 and seepage, stress distribution, consolidation, settlement, shear strength, bearing capacity, lateral earth pressure. Foundation design will also be briefly introduced. Prerequisite(s): A minimum grade of "C" in ENGR 1731 and ENGR 3233.

CENG 4137

Open Channel and Pumps: 2-2-3

The course covers the application of principles of fluid mechanics to flow in open channels and pumps. Topics include uniform flow, flow resistance, gradually varied flow, flow transitions for open channel, pump

classification, system hydraulics, pump curves and duty points, and water and wastewater pumping stations. The course additionally addresses open channel design, and pumping station design. Prerequisite(s): A minimum grade of "C" in CENG 3311 and ENGR 3235.

CENG 4139**Advanced Water and Wastewater Treatment: 2-2-3**

The course covers advanced water and wastewater treatment processes necessary for designing and managing modern drinking water 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.

CENG 4231**Highway Design II: 2-2-3**

This course covers different approaches to highway pavement design, including asphalt pavement and Portland cement pavement. Prerequisite(s): A minimum grade of "C" in CENG 3231, CENG 3232, and CENG 3233.

CENG 4232**Foundation Design: 2-2-3**

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 4234**Asphalt Mix Design: 2-2-3**

This course is an introduction to materials science and basic engineering properties of asphalt binders and mixtures including mainly SHRP binder specifications, and SUPERPAVE mix design. Prerequisite(s): A minimum grade of "C" in CENG 3233.

CENG 4331**Structural Steel Design: 3-1-3**

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 4332**Prestressed Concrete Design: 3-1-3**

The course introduces students to the design of common prestressed concrete elements. It presents historical developments, the properties of constituents materials, prestressed losses, and the design of prestressed structural members to support flexural and shear loadings. Prerequisite(s): A minimum grade of "C" in CENG 3333.

CENG 4336**Introduction to Finite Elements: 3-1-3**

This course provides an introduction to the Finite Element Method focusing on common elements and problems encountered in structural engineering practice. The course illustrates useful concepts and procedures associated with linearly behaving static structures, modeled by using truss, beam, frame, plane and plate elements. Prerequisite(s): A minimum grade of "C" in CENG 3332.

CENG 4539**Senior Project: 0-6-3**

Designed to be the culmination of the undergraduate civil engineering education, the course draws together diverse elements of the Civil Engineering curriculum to provide 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 the courses listed in one of the following areas. Environmental Area: CENG 3132 and CENG 4133 or CENG 4137; Structures Area: CENG 3332 and CENG 3333 or CENG 4331; Transportation Area: CENG 3231 and CENG 3232.

CENG 4890**Special Problems in Civil Engineering: (1-3)-(0-2)-(1-4)**

This course provides for specialized study in the area of Civil Engineering not otherwise covered by the CE program. Prerequisite(s): As determined by the instructor.

Chemistry (COSM)**CHEM 1030****Chemistry and Your World: 3-0-3**

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: 3-2-4**

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 1140/1140S**Introduction to General, Organic, and Biochemistry: 3-3-4**

Introduces students to the basic concepts of chemical structure and reactivity with a focus on biological molecules. General chemistry topics of interest will include basic atomic structure, bonding, intermolecular forces, solutions, and acid-base chemistry. Students will focus on the structure and reactivity of carbon-containing compounds, applying these concepts to the structure and significance of biological molecules and their roles in biological systems. Prerequisite(s): Completion of or exemption of learning support math.

CHEM 1145/1145H**Principles of Chemistry I: 3-3-4**

Introduces students to many of the basic concepts of chemistry, emphasizing chemical structure. Beginning at the atom, the course evolves to a consideration of chemical bonding and intermolecular forces, ending with phase changes; the chemical reactions involving changes in the states of matter.

CHEM 1146/1146H**Principles of Chemistry II: 3-3-4**

Completes the introduction to chemistry, focusing on advanced topics of chemical reactivity (including kinetics, thermodynamics and equilibrium) and concludes with a detailed look at the applications of chemistry to a variety of issues and problems in society. Prerequisite(s): A minimum grade of "C" in CHEM 1145, or equivalent.

CHEM 1147**Comprehensive General Chemistry: 3-3-4**

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 1151**Survey of Chemistry I: 3-3-4**

First course in a two-semester sequence covering elementary principles of general, organic and biochemistry designed for allied health professional majors. Topics to be covered include elements and compounds, chemical equations, nomenclature, and molecular geometry. Laboratory exercises supplement the lecture material.

CHEM 1152**Survey of Chemistry II: 3-3-4**

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 CHEM 1151 or CHEM 1146.

CHEM 2030

Principles of Chemistry Research: 3-0-3

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, MSDS 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 CHEM 1146.

CHEM 2242

Analytical Chemistry: 3-3-4

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 CHEM 1146 and prior or concurrent enrollment with a minimum grade of "C" in CHEM 2030.

CHEM 2541

Bioanalytical Chemistry: 3-3-4

This course deals with the analysis of molecules in biological systems. It is designed to provide students with in-depth information on several instrumental analytical techniques and to promote integration of analytical thinking when dealing with biological systems. Topics include chemical and biochemical analysis of biomolecules, instrumental techniques of analysis, isolation and purification of biomolecules, applications of bioanalytical chemistry in medicine, biotechnology, and forensic science. The interpretation and significance of analytical data will be illustrated by selected case studies and data collected by the students themselves in the laboratory sessions that will run concurrently with the course. Prerequisite(s): A minimum grade of "C" in CHEM 1146 and CHEM 2031.

CHEM 3020

Scientific Glassblowing: 0-6-2

Develops the fundamental glassblowing skills required for the construction of glassware used in scientific investigations. Prerequisite(s): Junior standing and science major.

CHEM 3090

Special Topics in Chemistry: (0-3)-(0-6)-(1-5)

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.

CHEM 3140

Advanced Inorganic Chemistry: 3-3-4

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. Prerequisite(s): A minimum grade of "C" in CHEM 2242 and CHEM 3342.

CHEM 3341

Organic Chemistry I: 3-3-4

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 CHEM 1146, or equivalent.

CHEM 3342

Organic Chemistry II: 3-3-4

A continuation of CHEM 3341 focusing on alkynes, 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 3341, or equivalent.

CHEM 3441

Chemical Kinetics & Thermodynamics: 3-3-4

A survey of chemical kinetics and thermodynamics. Covers the kinetic theory of gases, rates of reaction, integrated rates, rate laws and reaction mechanisms, followed by a development of the three laws of thermodynamics, chemical and phase equilibria and solution thermodynamics. Prerequisite(s): A minimum grade of "C" in CHEM 2242, MATH 2242, PHYS 2211, and PHYS 1113.

CHEM 3442

Introduction to Quantum Chemistry: 3-3-4

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 2242, MATH 2242, PHYS 2212, and PHYS 1114.

CHEM 3530

Nutritional Biochemistry: 3-0-3

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. Prerequisite(s): CHEM 3342.

CHEM 3541

Biophysical Chemistry: 3-3-4

This course explores the physical principles underlying the complex nature of living systems. Topics include the theory and applications of thermodynamics, equilibrium, kinetics, and molecular motion and transport as they relate to biological systems. The structure of biomolecules and the main techniques of structure determination (with emphasis on protein structure) as well as bioenergetics will also be covered. Prerequisite(s): A minimum grade of "C" in CHEM 5541, MATH 2242, PHYS 1112 or PHYS 2212, and PHYS 1114.

CHEM 3790

Teaching Internship in Chemistry: 1-(3-9)-(1-3)

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. Prerequisite(s): Permission of the instructor and one of the following: CHEM 2031 or CHEM 3341. 1 credit hour per laboratory section of CHEM 1040 in which the student interns.

CHEM 4241

Instrumental Analysis: 3-3-4

The study of modern spectroscopy and chromatography methods. The spectroscopic 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. Prerequisite(s): A minimum grade of "C" in CHEM 2242, or equivalent.

CHEM 4242

Electrochemical Analysis: 3-3-4

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 2242, or equivalent.

CHEM 4243**Principles of Chemical Separations: 3-3-4**

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 2242.

CHEM 4244**Advanced NMR Spectroscopy: 3-3-4**

Introduces students to modern aspects of nuclear magnetic resonance spectroscopy. Details of one dimensional spectra of proton and carbon 13 will be discussed in-depth, as well as the more advanced two dimensional experiments of COSY and HETCOR. Students will gain skill with the hands on operation of the spectrometer, as well as in the spectral interpretation of complex organic and biomolecules. Prerequisite(s): A minimum grade of "C" in CHEM 3342, or equivalent.

CHEM 4790**Chemistry Internship: (1-4)-0-(1-4)**

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 4890**Chemical Research Experience: 0-(3-12)-(1-4)**

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.

CHEM 5233**Environmental Chemistry: 3-0-3**

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. 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 CHEM 2242 and CHEM 3342, or equivalent.

CHEM 5331**Advanced Organic Chemistry: 3-0-3**

A course designed to build upon the knowledge gained in CHEM 3341 (Organic I) and CHEM 3342 (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 3342.

CHEM 5332**Principles of Drug Design: 3-0-3**

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 3342.

CHEM 5333**Carbohydrate Chemistry: 3-0-3**

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 3342.

CHEM 5531**Bioinorganic Chemistry: 3-0-3**

This course explores the function of metal ions in biochemistry, the appropriate physical methods for studying biological metal centers, and the pathways of electron transfer in biomolecules. Topics include metal ion transport and storage, oxygen carriers, and metals in medicine. Graduate students will be given an extra assignment determined by the instructor not required of the undergraduates. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in CHEM 5541.

CHEM 5541**Biochemistry I: 3-3-4**

Surveys the fundamental principles of protein structure, enzyme mechanisms, carbohydrate structure, and the major metabolic pathways of carbohydrate metabolism. 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 CHEM 3342, or equivalent.

CHEM 5542**Biochemistry II: 3-3-4**

Examines the structure and function of biological membranes, as well as additional metabolic pathways not covered in CHEM 5541, including the degradation and biosynthesis of lipids and amino acids. In addition, the course will examine nucleic acid chemistry, including DNA replication, transcription, recombinant DNA technology and related topics. 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 CHEM 5541, or equivalent.

Child and Family Development (CHHS)**CHFD 2130****Family Economic Environment: 3-0-3**

A study of the consumer in American society, management of family financial resources, legal protection and consumer responsibility in the marketplace.

CHFD 2134**Family Development: 3-0-3**

A study of factors affecting family development and the individual within the family. Stresses the internal dynamics of interpersonal relationships, communication, contemporary issues, and normative and catastrophic stressors.

CHFD 2135/2135S**Child Development: 3-0-3**

Emphasis on development from conception through the first six years of life. This course reviews research, theory, and practice that contribute to a developmentally appropriate experience for the young child in a quality group setting, utilizing the whole child approach.

CHFD 2137**Lifespan Development: 3-0-3**

Investigates human development throughout the lifespan as influenced by the family and society. Emphasis is placed on the physical, intellectual, and psycho-social development processes.

CHFD 3131**Birth to 5 Methods: 2-2-3**

This course focuses on the developmental characteristics of young children 6 weeks to five years and how to apply child development theory, research, and teaching methods to children in group care. The whole child approach and understanding of developmentally appropriate practices serve as the framework for observation and interaction in the NAEYC accredited Child Development Center. Students will complete observations in a preschool classroom and an infant or toddler classroom. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, and CHFD 2137.

CHFD 3135**Middle Childhood and Adolescence: 3-0-3**

This course reviews research, theory and practice as it relates to the physical, cognitive, language, and social and emotional development of children ages 6 to 18. Emphasis will be on current issues that relate to these years and the role of parent(s), family and other adults in fostering the child's development. Observation and interaction in an approved school-age childcare program required (15 hours field experience). Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, and CHFD 2137.

CHFD 3136**Families in Later Life: 3-0-3**

An in-depth study of factors influencing inter-relationships in family development in the later years of the life cycle. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, and CHFD 2137.

CHFD 3137**Children in Hospitals: 3-0-3**

Special psychosocial needs of children who are hospitalized or have chronic illnesses will be identified. Students will learn to assess children (ages 0-18) in a holistic manner, focus on family-centered care, and function as part of a healthcare team. This course will, in part, prepare students for certification as a Child Life Specialist or to work with children in other treatment environments. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, and CHFD 2137 or permission of instructor for other majors.

CHFD 3138**Early and Middle Adulthood Development: 3-0-3**

Emphasis on understanding the process of early and middle adulthood development. A firm grounding in the concepts, facts, theories, and current issues in research on early and middle adulthood development will be provided. Topics include appropriate research methods, theories of adult development, physical growth, cognitive development, personality development, and social/relationship development during early and middle adulthood. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, and CHFD 2137.

CHFD 3139/3139S**Parenting: Family Child Interaction: 3-0-3**

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. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, and CHFD 2137.

CHFD 4090**Selected Topics in Child and Family Development: (1-3)-0-(1-3)**

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 Families: 3-0-3**

Administration of programs for children and families in a variety of settings. Topics studied include advocacy, policy-making, management of personnel, licensure, budgeting, etc. Supervised trips to various programs. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, CHFD 2137, and CHFD 3131.

CHFD 4131**Teaching in Preschool: 2-5-3**

Course focuses on planning and implementing a developmentally appropriate, integrated curriculum for children ages 3 to 6 in child care preschool classrooms. Curriculum planning is organized by developmental domains to ensure children's developmental needs are met in the classroom. Georgia state and NAEYC standards are used in curriculum planning. Students will observe and participate in one of the Georgia Southern University Child Development Center preschool classrooms.

Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, CHFD 2137, and CHFD 3131.

CHFD 4134**Family Life Education: 3-0-3**

An introduction to the programs, procedures, techniques, resources, and counseling skills needed to promote an understanding of family life education through the life cycle. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, CHFD 2137, and CHFD 3139.

CHFD 4136**Assessment of Children: 3-0-3**

This course involves the assessment of development and learning of infants, young children, and their families. A variety of tools and techniques will be used. Participation and collaboration as a team member is emphasized. (20 hours field experience). Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, CHFD 2137, and CHFD 3131.

CHFD 4790**Internship in Child and Family Development: 0-12-12**

Supervised experience in Child and Family Development which requires the student to employ the knowledge base acquired. Site is selected by the student and must be approved by the student's academic advisor. Students enrolled in the program must agree to abide by the regulations governing all employees of the sponsor. Grading will be on a satisfactory/unsatisfactory mode. Students will work full-time for the entire semester while enrolled in the internship program. Prerequisite(s): Completion of Area F, the Child Development Core, the selected emphasis area, and guided major electives with a grade of "C" or better. Students must have a 2.25 total institution GPA to apply for Child and Family Development Internship (CHFD 4790). Students who do not meet the 2.25 GPA requirements may complete twelve (12) hours approved course work as substitute for the internship with the approval of the area coordinator.

CHFD 4899**Directed Individual Study: (1-6)-0-(1-6)**

Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor. Prerequisite(s): Permission of instructor.

Chinese (CLASS)**CHIN 1001****Elementary Chinese I: 3-0-3**

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.

CHIN 1002/1002S**Elementary Chinese II: 3-0-3**

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.

CHIN 2001**Intermediate Chinese I: 3-0-3**

This course builds upon communication skills (understanding, speaking, reading, and writing Chinese) and cultural understanding which is developed at the elementary level.

CHIN 2002**Intermediate Chinese II: 3-0-3**

Continued building upon proficiency skills (speaking, writing, listening, 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.

CHIN 3030/3030S**Selected Topics in Chinese: (1-3)-0-(1-3)**

Selected topics in Chinese.

Computer Information Systems (COBA)**CISM 1110/1110S****Computer Applications: 1-0-1**

Provides lecture and detailed instruction in application software using word-processing, spreadsheets, database, and presentation software. Corequisite(s): CISM 1120.

CISM 1120/1120S**Computer Concepts: 2-0-2**

Provides an introduction of computer concepts and the evolution of computers in society. Lecture topics include computer system components, data representation and storage, software and multimedia, computer architecture, data communications and network configuration, data security and privacy, viruses, ethic, email, Internet, and the computer marketplace. Corequisite(s): CISM 1110.

CISM 1131**Computer Survival Skills: 3-0-3**

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 Websites 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 Information Systems: 3-0-3**

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. Prerequisite(s): Prior completion of MATH 1111 and BUSA 1105 are recommended.

CISM 2230**Advanced Java: 3-0-3**

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 minimum grade of "C" in CSCI 1236 or CISM 2030 and a solid understanding of data types, control structures, and algorithmic design before taking this course.

CISM 2530/2530H**Advanced Business Applications: 3-0-3**

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 2530H**Advanced Business Applications (Honors): 3-0-3**

Students will complete weekly projects with an emphasis on comprehensive applications of software to specific business applications and problem solving in various business disciplines including quantitative methods,

finance, marketing, logistics, accounting, and other relevant applications in business. Students will be expected to successfully complete the practice exam version of the Microsoft Certification Exams in Excel and Access. Reserved for Honors students.

CISM 3134**Data Communications: 3-0-3**

An overview of traditional and emerging telecommunications technologies and applications in today's business environment including voice, data, and video communications. The application of business telecommunications to satisfy information system requirements is emphasized. Prerequisite(s): Pre-business and undeclared students must meet the requirements for BBA status. Students with declared majors in other fields must have completed a minimum of 55 semester hours.

CISM 3135**Systems Analysis and Design: 3-0-3**

Introduces the fundamental principles of information systems analysis and design. In this course, students will learn to apply the tools and techniques commonly used by systems analysts to build and document information systems. Classical and structured tools for describing data flow, data structure, process flow, file design, input and output design, and program specifications will be studied. Object-oriented concepts and techniques will also be introduced. Prerequisite(s): Pre-business and undeclared students must meet the requirements for BBA status. Students with declared majors in other fields must have completed a minimum of 55 semester hours.

CISM 3235**Application Development with COBOL: 3-0-3**

Provides a complete treatment of the COBOL language. Includes file handling, programming using multiple tiered control breaks, the manipulation of two and three dimensional tables, the exploration of sequential and indexed sequential files, and exposure to interactive programs. Prerequisite(s): A minimum grade of "C" in CSCI 1236 or CSCI 1301.

CISM 3236**Web Database Development: 3-0-3**

Provides an overview of web database connectivity and programming alternatives available or integrating internet technologies related to e-commerce and m-commerce with database systems. Students will gain an understanding of the creation, use, and management of web interfaces and the integrated database system. Prerequisite(s): A minimum grade of "C" in CISM 2230.

CISM 3237**Visual Basic.Net Windows and Web Applications Programming: 3-0-3**

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 3331/3331S**Principles of Enterprise Information Systems Security: 2-1-3**

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 and CISM 3135.

CISM 4130/4130S**Management Information Systems: 3-0-3**

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): Pre-business and undeclared students must meet the requirements for BBA status. Students with declared majors in other fields must have completed a minimum of 55 semester hours.

CISM 4134**Database Management: 3-0-3**

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 3135.

CISM 4135**Project Management and Development: 3-0-3**

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): Pre-business and undeclared students must meet the requirements for BBA status. Students with declared majors in other fields must have completed a minimum of 55 semester hours.

CISM 4136/4136S**Global Information Resource Management: 3-0-3**

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 4134 is recommended.

CISM 4234**Application Development with Objects: 3-0-3**

Extends the fundamentals of object-oriented design and moves into the realm of developing object-oriented applications with a current development system. Prerequisite(s): A minimum grade of "C" in CISM 2230 and CISM 3135.

CISM 4237**Business Intelligence: 3-0-3**

Examines the role of decision support systems in the organizational environment. Upon completion, the student will be capable of designing and implementing decision support systems with a variety of development systems. Prerequisite(s): Pre-business and undeclared students must meet the requirements for BBA status and have earned a minimum grade of "C" in ACCT 2101 and CISM 4334. Students with declared majors in other fields must have a minimum grade of "C" in ACCT 2030 and CISM 4334. CISM 4334 may be taken concurrently with CISM 4237. Completion of CISM 3135 is recommended.

CISM 4238**Network Administration: 3-0-3**

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 4331**Point of Sale Technologies: 3-0-3**

Provides an overview of the architecture and functionality of point of sale (POS) systems, as well as an appreciation for the issues and challenges associated with the development, implementation, and support of large-scale commercial systems. Prerequisite(s): A minimum grade of "C" in CISM 2230 and CISM 3135.

CISM 4332**Electronic Business: 3-0-3**

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, CISM 3134, and MKTG 3131.

CISM/MGNT 4333**Human Resource Information Systems: 3-0-3**

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 4334**ERP Systems Using SAP: 3-0-3**

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): Pre-business and undeclared students must meet the requirements for BBA status. Students with declared majors in other fields must have completed a minimum of 55 semester hours.

CISM 4335**Advanced Business Applications Programming (ABAP) for the SAP/ERP System: 2-1-3**

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 techniques such as subroutines, function modules, and events will also be discussed. Prerequisite(s): A minimum grade of "C" in CISM 2230 and CISM 4334 and prior or concurrent enrollment with a minimum grade of "C" in CISM 4134.

CISM 4336**ERP and Enterprise Performance: 3-0-3**

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): Pre-business and undeclared students must meet the requirements for BBA status and have earned a minimum grade of "C" in ACCT 2101 or ACCT 2101H. Students with declared majors in other fields must have a minimum grade of "C" in ACCT 2030. Completion of MGNT 3430 and CISM 4334 is recommended.

CISM 4434**Enterprise System Configuration: 2-1-3**

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 can also 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 4334.

CISM 4435**ERP Web Portal Customization and Collaboration using SAP NetWeaver: 3-0-3**

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 4334. Prior completion of CISM 3135 is recommended.

CISM 4436**SAP TERP10 Review: 3-0-3**

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 CISM 4334.

CISM 4790**Internship in Information Systems: (3-6)-0-(3-6)**

A supervised work-study program in selected business firms throughout the southeast. Prerequisite(s): A minimum grade of "C" in CISM 3135 is required. Completion of CISM 2230 and CISM 3134 (with a minimum grade of "C") is recommended. Total Institution GPA of 2.75 or better is required.

CISM 4830**Special Problems in Information Systems: 3-0-3**

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: 0-0-(1-3)**

Designed for independent study and research in selected areas of information systems under faculty supervision. Prerequisite(s): Permission of department chair or director.

CISM 5131**Fundamentals of Computer Forensics: 3-0-3**

This course examines how computers are being used to perpetrate fraud along with how investigators can use the computer as a weapon against fraudsters. Other computer-related topics to be explored include security breaches, employee theft, asset abuse, theft of intellectual property, and imaging of computer drive contents including files, operating and file system artifacts, and deleted files or file fragments located in file slack or unallocated space. 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 CISM 2530, or CISM 1110 and CISM 1120.

College of Liberal Arts and Social Sciences (CLASS)**CLAS 4700****Cooperative Education: 0-0-0**

Cooperative educational experiences are coordinated by the Office of Career Services. Students must have earned a 2.5 adjusted GPA and have earned 18 semester hours of credit toward the major to apply.

College of Education (COE)**COED 3610H****Honors Research Seminar in Education: 1-0-1**

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, and EDUC 2130; and permission of instructor.

Comparative Literature (CLASS)**COML 2531****Crossing Borders: 3-0-3**

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): ENGL 1102 or a minimum grade of "C" in ENGL 1160.

COML 3090**Selected Topics: (1-3)-0-(1-3)**

Selected topics in comparative literature.

COML 3530**Literary Translation: 3-0-3**

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. Prerequisite(s): Completion of the fourth semester of a foreign language.

COML/ENGL 5330**World Drama to Romanticism: 3-0-3**

A study of representative works of dramatic literature, primarily of the western world, from Aeschylus through Beaumarchais, excluding English drama. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): COML 2531.

COML/ENGL/RELS 5530**The Bible as Literature: 3-0-3**

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. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

COML/ENGL 5533**Literary Criticism and Theory: 3-0-3**

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.

COML/ENGL 5536

Post-Colonial Literature: 3-0-3

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. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

Communication Arts (CLASS)

COMM 1100/1100S

Introduction to Human Communication: 3-0-3

Surveys the historical roots of communication, discusses the encoding and decoding of messages, and introduces the contexts of communication.
Prerequisite(s): ENGL 1101 or a minimum grade of “C” in ENGL 1160.

COMM 1110/1110H/1110S

Principles of Public Speaking: 3-0-3

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): ENGL 1101 or a minimum grade of “C” in ENGL 1160.

COMM 2332/2332S

Media and Society: 3-0-3

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. Prerequisite(s): ENGL 1101 or a minimum grade of “C” in ENGL 1160.

COMM 3030/3030S

Selected Topics In Communication Arts: 3-0-3

Offers varied courses in specialized areas of the field of Communication Arts. Prerequisite(s): Permission of instructor.

COMM 3331/3331S

Media Criticism: 3-0-3

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.

COMM/WRIT/AMST 3433

Comic Book Writing in American Culture: 3-0-3

Investigates multiple dimensions of and models for comic book writing as it traces the medium's history, development of new genres, and narrative conventions since its origins in the 1930s. Teaches the comic book's use of iconography, cultural tropes, and cognitive closure in the construction of sequential narratives. Prerequisite(s): A minimum grade of “C” in ENGL 1101 and ENGL 1102 or ENGL 1160.

COMM/WGST 4331

Gender, Media, and Representation: 3-0-3

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.

COMM 4332/4332S

Contemporary Communication Application: 3-0-3

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. Prerequisite(s): Permission of instructor.

COMM 4333/4333S

Theories of Mass Communication: 3-0-3

Examines the development of mass media systems and the resulting theoretical perspectives. Encourages theory application as a means of understanding and explaining what happens to us individually and as members of a society as mass communication became possible and now that media systems are being adapted. Prerequisite(s): COMM 2332.

COMM 4334

Advanced Law and Ethics: 3-0-3

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): JOUR 3337.

Communication Studies (CLASS)

COMS 1711

Communication Studies Practicum: 1-0-1

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: 3-0-3

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: 1-0-1

Practical experience in speaking and performance events. A maximum of three credits hours may be applied toward the degree.

COMS 3030/3030S

Selected Topics in Communication Studies: 3-0-3

Offers varied courses in specialized areas of the field of communication studies. Prerequisite(s): Permission of instructor.

COMS 3330

Health Communication: 3-0-3

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: 3-0-3

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: 3-0-3

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/WGST 3333

Communication and Gender: 3-0-3

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.

COMS 3334/3334S**Communicating in the Workplace: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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 3337/3337S**Persuasion: 3-0-3**

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: 3-0-3**

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.

COMS 3339/3339S**Intercultural Communications: 3-0-3**

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): COMM 1100 or COMM 1110.

COMS 3430**Communication and Leadership: 3-0-3**

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 3711**Communication Studies Practicum: 1-0-1**

Practical experience in speaking and performance events. A maximum of three credits hours may be applied toward the degree.

COMS/INTS 4330**Rhetoric of International Relations: 3-0-3**

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, dramatic and narrative rhetorical theoretical bases. Prerequisite(s): Junior or Senior standing, or permission of instructors.

COMS 4331**Communication and Conflict: 3-0-3**

Introduces students to the theory and practice of conflict management in personal and professional relationships.

COMS 4332**Political Communication: 3-0-3**

Emphasizes the role and function of communication in the political setting. Examines theories of political communication and their application to political campaigns, debates, and speech writing.

COMS 4333**General Semantics: 3-0-3**

Studies the relationship between symbols and meaning in the tradition established by Alfred Korzybski. Focuses on signs and symbols and their implications on nonverbal and oral communication.

COMS 4334**Communication Theory: 3-0-3**

Introduces students to major approaches in the development of communication theory with emphasis on various communication contexts, e.g., interpersonal, group, organization, mass media, intercultural.

COMS 4336**Performance, Culture, Communication: 3-0-3**

Presents performance techniques relevant to scripting and staging of presentational ensemble and solo performance. Emphasizes performance as a communicative act in social and cultural contexts. Introduces personal narrative construction and oral history interviewing as primary research methods.

COMS/AAST/AMST 4337**Rhetoric of Social Movements: 3-0-3**

Introduces students to the rhetorical significance of selected social movements including labor reform, civil rights, and environment protection, emphasizing the analysis of persuasive social movement discourse.

COMS 4338**Organizational Communication: 3-0-3**

Explains the role and effects of communication in everyday organizational life. Includes interpersonal communication in the workplace, leadership, organizational communication and climate, motivation and flow of information in organizations.

COMS 4339**Philosophy of Communication: 3-0-3**

Introduces students to the contributions of philosophical debate from logical positivism through hermeneutics to the discipline of human communication studies.

COMS 4711**Communication Studies Practicum: 1-0-1**

Practical experience in speaking and performance events. A maximum of three credits hours may be applied toward the degree.

COMS 4791**Communication Studies Internship: 3-0-3**

Provides practical experience in a professional setting appropriate for a student trained in communication studies. Will be under the supervision of a skilled practitioner in the particular area of communication. May be taken only by Communication Studies majors. A maximum of six hours may be applied to the major. Prerequisite(s): COMM 1110 and at least 20 semester credits in upper division COMS classes and a minimum 2.5 total institution GPA.

COMS 4831**Directed Study in Communication Studies: 3-0-3**

Offers students opportunities to design and conduct directed research and/or projects in specialized communication studies areas. Must be approved in advance by instructor and department chair. This course may not be used to replace an existing course in the catalog. Prerequisite(s): Permission of instructor and department head.

Associate VP Academic Affairs (VPAA)**COOP 2090F****Sophomore Coop-Full-time: 0-0-12**

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: 0-0-(1-9)**

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: 0-0-12**

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: 0-0-(1-9)**

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: 0-0-12**

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: 0-0-(1-9)**

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.

Criminal Justice (CLASS)**CRJU 1100/1100S****Introduction to Criminal Justice: 3-0-3**

A three-hour survey course of the criminal justice system and its central components: police, courts, and corrections. Topics include: the activities and legal environment of each component; individual rights and public order; the juvenile justice process; theories of causation; the growth and use of technology in crime and crime solving; and special issues such as AIDS, drugs, and public policy.

CRJU 2131**Justice and Ethics: 3-0-3**

Applies ethical theories to issues in the justice system. Topics include definitions of justice, theoretical approaches to ethical conduct, and applications of ethical behavior and decision-making in law enforcement, the judiciary, and the correctional system. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in CRJU 1100.

CRJU 3111H**Honors Thesis Seminar I: 1-0-1**

In a seminar setting, students will conduct readings about the research process with a focus on developing an honors thesis proposal. Prerequisite(s): Minimum Junior standing.

CRJU 3112H**Honors Thesis Seminar II: 1-0-1**

In a seminar setting, students will continue to progress toward researching and writing the honors thesis. Particular emphasis will be given to construction of a comprehensive literature review and research design. Prerequisite(s): A minimum grade of "C" in CRJU 3111H and minimum Junior standing.

CRJU 3131**Criminal Law: 3-0-3**

A study of the nature, origins, and purposes of criminal law in the United States. Addresses the constitutional limits on criminal law, general principles of criminal liability, elements of specific crimes, criminal defenses, and the application of the Georgia Criminal Code in terms of specific crimes. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3133**Criminal Procedure: 3-0-3**

Focuses on the legal processes from arrest through appeal, with emphasis on the rights of the accused. Particular attention paid to due process, right to counsel, search and seizure, self-incrimination, and challenges to individual rights represented by advances in technology and information systems. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3134**Investigations: 3-0-3**

Introduces students 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/POLS 3137**Judicial Process: 3-0-3**

Analyzes and evaluates the judicial process by addressing the actors, institutions, processes and procedures that affect the administration of justice. Prerequisite(s): POLS 1101 or a minimum grade of "C" in CRJU 1100.

CRJU 3230/3230S**Policing: 3-0-3**

Critical examination and assessment of American policing. Major emphases include policing history, functions, organizational structure, effectiveness of practices, community policing, and accountability measures. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3331**Corrections: 3-0-3**

Provides an introduction to the correctional process and interventions designed to prevent and control adult criminal behavior. Addresses the philosophy and goals underlying correctional interventions, types of criminal sentencing, and penal sanctions, including community-based corrections, institutional corrections, and parole. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3431**Juvenile Justice: 3-0-3**

Provides an overview of the juvenile justice system and juvenile jurisprudence. Examines the development of the juvenile justice system, elements that contribute to juvenile delinquency and delinquency prevention, and the treatment of juveniles by the civil and criminal justice systems. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3531**Victimology: 3-0-3**

An examination of the causes and consequences 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" in CRJU 1100.

CRJU 3532**Organized Criminality: 3-0-3**

Provides students with a realistic understanding of the problem of organized criminality in the United States. Focuses on the theories and evolution of traditional organized crime in America, as well as an examination of new and emerging organized crime groups that attempt to acquire a stronghold on criminal enterprises and activities. Examples of organized criminality examined in the class include, but are not limited to: drug trafficking, racketeering, money laundering, environmental crime, and intellectual property crime. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3533**Crimes Against Vulnerable Populations: 3-0-3**

Provides an introductory examination of criminality against vulnerable populations via an overview of current theory, research, and trends within the context of specific victimization types. Specific crimes, their impact on victims, and their social and policy implications will be examined. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3631**Crime and Justice in Public Policy: 3-0-3**

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 3632**The Death Penalty: 3-0-3**

Examines the political and legal controversies surrounding the application of capital punishment. Addresses the theoretical and legal foundation behind its use, historical trends, current practices, constitutional issues, implementation concerns, questions of bias, international law, and American exceptionalism. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3731**Crimes Against Humanity: 3-0-3**

Provides an introduction to human rights violations, including crimes against humanity, genocide, and war crimes. Focuses on crimes that are part of a widespread or systematic attack directed against a civilian population, and may include such crimes as individual and collective acts of violence, extermination, enslavement, torture, and persecution. Examines the political, historical, and philosophical explanations for crimes against humanity, as well as the development of international human rights law. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3732**Conflict Resolution: 3-0-3**

Examines the causes of conflict and the techniques to resolve conflict among colleagues, the public, and with clients in the criminal justice field. Special emphases on collaborative resolutions, mediations, arbitration, and the development of interpersonal communication skills. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3733**Equality, Crime, and Justice: 3-0-3**

An introduction to forms of social stratification and how it intersects with the social realities of crime and justice. Explores the extent, causes, and consequences of institutional inequalities in power, wealth, and status within the realms of criminal offending, victimization, criminal justice processing, and criminal justice employment. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 3831**Popular Culture and Justice: 3-0-3**

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: 3-0-3**

Provides students with an overview of the legal, practical, and ethical challenges that accompany efforts to secure the homeland against major twenty-first century threats such as terrorism and cyber-terrorism. Course topics include, but are not 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" in CRJU 1100.

CRJU 4031**Counseling and Supervising Offenders: 3-0-3**

Examines the theories and techniques employed to influence and alter the attitudes, values, and behaviors of criminal offenders. Supervision of offenders is emphasized. Focuses on practical application of theories to case studies. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 4032/4032S**Criminal Behavior: 3-0-3**

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 4111H**Honors Thesis Seminar III: 1-0-1**

In a seminar setting, students will continue writing and revising their thesis. Prerequisite(s): A minimum grade of "C" in CRJU 3112H and minimum Junior standing.

CRJU 4112H**Honors Thesis Seminar IV: 1-0-1**

Students will complete the final honors thesis and present their findings at a research symposium. Prerequisite(s): A minimum grade of "C" in CRJU 4111H and minimum Junior standing.

CRJU 4135**Directed Study in Justice Studies: 3-0-3**

A structured, individualized research focus to be mutually designed and agreed upon by instructor and student. May be used to meet individual needs or interests that students have in various areas of criminal and social justice. Prerequisite(s): A minimum grade of "C" in CRJU 1100 and junior or senior standing.

CRJU 4192/4192S**Special Topics: 3-0-3**

Scheduled periodically to explore topics not offered in the regular curriculum.

CRJU 4231**Justice Studies Research Methods: 3-0-3**

Provides students with an understanding of research and its application in the field of justice studies. Topics include understanding the scientific method, research methodology, inductive and deductive statistics, and data analysis for report preparation. Includes student utilization of computer-based spreadsheets, database management, and interactive statistical packages. Prerequisite(s): STAT 2231 and a minimum grade of "C" in CRJU 1100.

CRJU 4531/4531S**Comparative World Justice Systems: 3-0-3**

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 legal, political, philosophic, social, and historical factors underlying these institutions are of primary concern. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 4632**Senior Seminar in Justice Studies: 3-0-3**

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. Prerequisite(s): A minimum grade of "C" in CRJU 1100 and senior status (completion of at least 90 hours).

CRJU/POLS 4733/4733S**Theories of Justice: 3-0-3**

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): POLS 1101 or a minimum grade of "C" in CRJU 1100.

CRJU 4792**Internship in Justice Studies: 0-0-(3-9)**

Provides students the opportunity to utilize, in a supervised work setting, the knowledge they have gained through their course work. Emphasizes the experiential, professional, and academic development of the student. Students must attain junior or senior status and have the permission of the internship coordinator to enroll.

CRJU 4830**Justice Administration: 3-0-3**

Addresses organizational and managerial issues associated with the criminal justice system in respect to the courts, policing, and corrections. Attention is paid to a variety of topics within the context of the criminal justice system, including: staffing and training; leadership, power, and decision-making; organizational change; budgeting, and the selection and use of technology. Prerequisite(s): A minimum grade of "C" in CRJU 1100.

CRJU 4930**Justice Studies Honors Thesis: 3-0-3**

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.

Computer Science (CEIT)**CSCI 1230****Introduction to BASIC Programming: 3-0-3**

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): Three hours of mathematics.

CSCI 1232**Introduction to FORTRAN Programming: 3-0-3**

Basic concepts, logic and syntax of the FORTRAN programming language. Elementary programming techniques and algorithms. Topics include: arithmetic operations, input/output, IF blocks, loop structures, subprograms, one- and two-dimensional arrays, file processing and applications. Prerequisite(s): Three hours of mathematics.

CSCI 1236/1236H**Introduction to Java Programming: 3-0-3**

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 equivalent.

CSCI 1301/1301H/1301S**Programming Principles I: 3-2-4**

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 1113.

CSCI 1302**Programming Principles II: 3-0-3**

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 CSCI 1301, MATH 1441, and MATH 2130. Corequisite(s): CSCI 3236.

CSCI 2120**Computers, Ethics and Society: 2-0-2**

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 CSCI 1301.

CSCI 3230**Data Structures: 3-0-3**

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 and MATH 2130.

CSCI 3231**Logic Circuits and Microprocessors: 2-2-3**

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: 3-0-3**

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" in CSCI 1302. Corequisite(s): CSCI 3230.

CSCI 3236/3236H**Theoretical Foundations: 3-0-3**

A study of languages, formal grammars, and abstract representations of computation. Prerequisite(s): A minimum grade of "C" in CSCI 1302 and MATH 2130.

CSCI 3432**Database Systems: 3-0-3**

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 relational data model including design and implementation using commercial database systems. Prerequisite(s): A minimum grade of "C" in CSCI 3230 or permission of instructor.

CSCI 4790**Special Problems/CO-OP: (1-3)-0-(1-3)**

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 4890**Directed Study in Computer Science: (1-3)-(0-2)-(1-3)**

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)-(0-2)-(1-3)**

Specialized study in a selected area of Computer Science. 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.

CSCI 5130**Data Management for Math and the Sciences: 3-0-3**

Topics in data management, including operating systems, word processing, spreadsheets, and database management and their applications to mathematics education. Intended primarily for those majoring in Mathematics and Mathematics Education. For those majoring or minoring in Computer Science, this course may not be used as an upper level Computer Science elective. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): CSCI 1230 or permission of instructor.

CSCI 5230**Discrete Simulation: 3-0-3**

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. 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 CSCI 3230 and STAT 2231 or permission of instructor.

CSCI 5235**Human Computer Interaction: 3-0-3**

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 5330**Algorithm Design and Analysis: 3-0-3**

An in-depth study of the design, implementation, testing, and analysis of algorithms. 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 CSCI 3236 and MATH 2242.

CSCI 5331/5331H**Computer Architecture: 2-2-3**

Digital logic: transistors, circuits, sensors, robotic control; registers and register banks; arithmetic-logic units; data representation: big-endian and little-endian integers; one and two's complement arithmetic; signed and unsigned values; Von-Neumann architecture and bottleneck; instruction sets; RISC and CISC designs; instruction pipelines and stalls; rearranging code; memory and address spaces; physical and virtual memory; interleaving; page tables; memory caches; bus architecture; polling and interrupts; DMA; sensor and device programming; assembly language; optimizations; parallelism; data pipelining. Graduate students will be given extra assignments determined by the instructor that undergraduates will not be required to do. Prerequisite(s): A minimum grade of "C" in CSCI 3232.

CSCI 5332/5332H**Data Communications and Networking: 3-0-3**

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 and STAT 2231.

CSCI 5335**Object-Oriented Design: 3-0-3**

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. 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 CSCI 3230.

CSCI 5430**Artificial Intelligence: 3-0-3**

Introduction to different paradigms for creating software that can reason, access a knowledge base, handle uncertainty, learn, communicate, perceive and act. 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 CSCI 3230 and CSCI 5330 or permission of instructor.

CSCI 5431**Computer Security: 2-2-3**

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 CSCI 2120. Corequisite(s): CSCI 5332.

CSCI 5436**Distributed Web Systems Design: 3-0-3**

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. 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 CSCI 3432.

CSCI 5437

Computer Graphics: 3-0-3

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 also introduced in cooperating with the learning of the theory. Prerequisite(s): A minimum grade of "C" in CSCI 3230 and CSCI 3236.

CSCI 5438

Animation: 3-0-3

Course covers mechanism of computer animation and its implementation in OpenGL, together with advanced graphics features that are essential for full-fledged animation. Prerequisite(s): A minimum grade of "C" in CSCI 5437.

CSCI 5439

Game Programming: 3-0-3

An introduction to game design and development including game physics, using game engines, using AI in games, creating multi-threaded games, and creating networked games. Prerequisite(s): A minimum grade of "C" in CSCI 5332 and CSCI 5437 or permission of instructor.

CSCI 5530

Software Engineering: 3-0-3

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. 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 CSCI 3432, CSCI 5330, and CSCI 5335.

CSCI 5531

Systems Assurance Standards and Processes: 3-0-3

Course explores international and national standards (including ISO 17799) as frameworks in modeling internal security standards, policies and procedures. Lectures and case studies situate course topics in the explicit context of technologically rich environments of modern software and data intensive systems and networks. Lectures are based on systematic use of standards and assessments of realistic cases from diverse areas. Cases are used in a comprehensive manner covering the most relevant systems assurance issues in situations characterized by complex interdependencies, for example associated with multiple locations, substantial software development, large data center responsibilities and multilayered networks. Technical issues underlining non-electronic security are fully complemented with leadership ones in all areas of security including those for large and medium-sized organizations. Students will be involved in risk assessments, comprehensive assurance planning, improvement of policies and procedures as well as budget preparations, an array of risk assessments and countermeasure planning based on solid understanding of technical issues involved, including relevant calculations in capacity planning, storage virtualization (using RAID for fault tolerance and backups) and similar. Prerequisite(s): A minimum grade of "C" in CSCI 5431 or permission of instructor.

CSCI 5532

Network Management Systems: 3-0-3

Basic concepts of network management systems, including fundamentals of standards, models, languages, network management systems architectures and protocols. SNMP based protocols that manage TCP/IP networks. Broadband network management systems and Web-based network management systems tools and applications. Prerequisite(s): A minimum grade of "C" in CSCI 5332.

CSCI 5534

Software Testing and Quality Assurance: 3-0-3

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): Prior or concurrent enrollment with a minimum grade of "C" in CSCI 5530 or permission of the instructor.

CSCI 5537

Broadband Networks: 3-0-3

Basic concepts of broadband networks including an introduction to broadband networks, principles and systems. 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): Prior or concurrent enrollment with a minimum grade of "C" in CSCI 5332 or permission of the instructor.

CSCI 5538

Wireless and Mobile Systems: 3-0-3

This course deals with the basics of cellular concept and mobile communication systems, multiple radio access procedures and channel allocation techniques, the architecture and functioning of satellite systems including global positioning systems, 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.

CSCI 5539

Optical Networks: 3-0-3

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): Prior or concurrent enrollment with a minimum grade of "C" in CSCI 5332 or permission of the instructor.

Early Childhood Education (COE)

ECED 3131/3131S

The P-5 Curriculum: 3-0-3

The P-5 Curriculum course introduces the candidate to the curriculum, instruction, 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 P-5 population. Field experience required. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in SPED 3331.

ECED 3232

P-5 Creative Arts: 3-0-3

Provides opportunities for the students to familiarize themselves with the basic theories and practices of creative arts. Emphasizes the use of creative arts across the curriculum while developing the whole child. Prerequisite(s): A minimum grade of "C" in ECED 3131 or SPED 3133.

ECED 3262

P-5 Language and Literacy: 6-0-6

The P-5 Language and Literacy course is designed to explore materials and methods of teaching language and literacy in the P-5 classroom. Students will study language and literacy development as well as the implications of student diversity for language learning. Students will investigate the theoretical background and research base supporting current understandings of the processes of the language arts (speaking, listening, reading, writing, viewing, and visually depicting). Students will also become acquainted with the vast selection of children's literature and strategies for incorporating literature into the curriculum. Prerequisite(s): A minimum grade of "C" in ECED 3131 or SPED 3133, and a minimum grade of "C" in READ 2230.

ECED 3732

Methods I Practicum: 1-5-3

The Methods I Practicum course is designed to provide the preservice teacher with opportunities to integrate theory with practical application in the methods of teaching and usage of classroom management skills in diverse K-2 classrooms. The preservice teacher will observe and participate in an elementary classroom as well as plan and implement lessons, instructional units, assessments and individual education plans within that setting. Early Childhood majors will be placed in a general education classroom. Early Childhood/Special Education majors will be placed in a special education setting or general education classroom with students with disabilities. Prerequisite(s): A minimum grade of "C" in ECED 3131 or SPED 3133, and prior or concurrent enrollment with a minimum grade of "C" in ECED 3262.

ECED 4090

Special Topics: (1-3)-0-(1-3)

Promotes specialized training appropriate to 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.

ECED 4333

P-5 Teaching Mathematics: 3-0-3

Studies the role of mathematics in the education of elementary school children, with emphasis on: the understanding of curriculum content; current trends in teaching; use of appropriate teaching materials; and planning for and evaluating instruction. Designed to give the prospective teacher an understanding of how children learn mathematics and have at their disposal methods which will facilitate this process for each child in a P-5th grade range. Prerequisite(s): A minimum grade of "C" in ECED 3131 or SPED 3133, and a minimum grade of "C" in MATH 3032.

ECED 4433

P-5 Science: 3-0-3

Designed to prepare students for teaching science in grades P-5. The content of science is reviewed. Methods of teaching and assessing a diverse population of learners in P-5 science education are examined. Emphasis is placed on the importance of science in social and environmental issues. Prerequisite(s): A minimum grade of "C" in ECED 3131 or SPED 3133.

ECED 4533

P-5 Social Studies: 3-0-3

Designed to prepare students for teaching social studies in grades P-5. The goals and definitions related to the early childhood social studies program will be considered. The content of P-5 social studies will be reviewed. Students will become acquainted with appropriate teaching methods, materials, and organizational techniques for providing children with successful learning experiences in social studies. Prerequisite(s): A minimum grade of "C" in ECED 3131 or SPED 3133.

ECED 4632

Student Teaching Seminar: 3-0-3

Students will analyze issues related to school law, diverse student populations, classroom/behavior management, school funding, issues and trends in education, technology integration, and ethics. Special emphasis will be placed on instructional setting, strategies, and related services. Prerequisite(s): Admission to Student Teaching. Corequisite(s): ECED 5799.

ECED 4733

Methods II Practicum: 1-5-3

The Methods II Practicum course is designed to provide the preservice teacher with observation and actual teaching experience in a supervised 3rd – 5th elementary classroom setting. Major emphasis is placed on lesson and unit planning, using a variety of instructional strategies for diverse populations of students, classroom management, multiple assessment strategies, strategies that enhance student learning, the selection and use of instructional technology, and professional reflection. Early Childhood majors will be placed in a general education classroom. Early Childhood/Special Education majors will be placed in a special education setting or general education classroom with students with disabilities.

Prerequisite(s): ECED 3732 and completion of or concurrent enrollment in ECED 4333 and ECED 4433.

ECED 5799

Student Teaching in Early Childhood Education: 0-40-9

Student teaching is a period of guided teaching practice for a fifteen week period in a P-5 classroom setting. Under the direction of a classroom clinical supervising teacher, the student teacher gradually assumes increasing responsibility for classroom instruction and management. During this experience, students are expected to engage directly in many of the activities which constitute the wide range of a teacher's assigned responsibilities. During this time the student teacher will also assume the full responsibilities of the clinical supervising teacher for a minimum of four weeks. Early Childhood majors' field placements will be in a general education classroom. Early Childhood/Special Education majors' field placements will be in a special education setting or general education classroom with students with disabilities. Prerequisite(s): Completion of teaching field, professional education courses, and admission to the Student Teaching Program. Corequisite(s): ECED 4632.

Economics (COBA)

ECON 2105/2105H/2105S

Economics in a Global Society: 3-0-3

The market mechanism and its relationship to the major institutions of developed economies, current events, and the challenges of globalization; particularly emphasizes informed decision-making about issues of the aggregate economy in a global setting.

ECON 2106/2106S

Business Economics: 3-0-3

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. Prerequisite(s): A minimum grade of "C" in ECON 2105.

ECON 3131

Intermediate Macroeconomics: 3-0-3

The study of forces which determine the level of income, employment, inflation, interest rates, output with particular attention to the effects of government monetary and fiscal policy. Prerequisite(s): A minimum grade of "C" in ECON 2105 and ECON 2106.

ECON 3132/3132S

International Trade: 3-0-3

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 3231/3231S

Intermediate Microeconomics: 3-0-3

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 Monetary Relations: 3-0-3

Analyzes international monetary relations. Integrates economic theory, policy, and application. Examines the balance of payments, the foreign exchange market, exchange-rate determination under alternate exchange-rate regimes, and macroeconomic policy in an open economy. Prerequisite(s): A minimum grade of "C" in ECON 2105 and ECON 2106.

ECON 4030/4030S**Special Topics in Economics: 3-0-3**

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/REDV 4131**Applied Econometrics and Regional Analysis: 3-0-3**

The course outlines analytical and empirical tools used by the contemporary economic development specialist and economist. The methodology of data collection and estimation of regression models are introduced. Moreover, the course covers methods of forecasting, linear programming, derivation of impact multiplier analysis, and cost-benefit analysis. Prerequisite(s): A minimum grade of "C" in ECON 2106, and BUSA 3131 or STAT 2231.

ECON 4331/4331S**Money and Banking: 3-0-3**

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 both ECON 2105 and ECON 2106.

ECON 4332**Labor Economics: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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: 3-0-3**

An introduction to the scientific study of imperfectly competitive markets. Topics include the causes of market imperfections (economics 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): Junior Standing; a minimum grade of "C" in ECON 2105 and ECON 2106.

ECON 4337**Environmental Economics: 3-0-3**

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 4431**Economic Development: 3-0-3**

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 and ECON 2106.

ECON 4437/4437S**Regional and Urban Economics: 3-0-3**

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 2106.

ECON/FINC 4534**Commercial Risk Management and Insurance: 3-0-3**

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.

ECON 4790**Internship in Economics: (3-9)-0-(3-9)**

The student is 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. Prerequisite(s): Senior standing. For students with an emphasis, the required course(s) of the emphasis must be completed.

ECON 4830/4830S**Special Problems in Economics: 0-0-3**

A customized course that is under the direction of a faculty sponsor. It allows students to pursue further 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 4890/4890S**Directed Study in Economics: 0-0-(1-3)**

Designed for independent study and research in selected areas of economics under faculty supervision. Prerequisite(s): Permission of department chair or director.

ECON 5131**Teaching Economics K-12: 3-0-3**

A basic foundation in economics theory and personal finance material but with pedagogy for K-12 teachers will be emphasized. Internet usage will demonstrate understandable data sources used in presentations. Students will be required to develop lesson plans for economics concepts and demonstrate mastery of activities/lesson plans as part of their grade. Georgia Performance Standards in K-12 economics will be integrated into the course and a PLU credit will be offered. Prerequisite(s): A minimum grade of "C" in ECON 2105.

Educational Leadership (COE)**EDLD 4090****Selected Topics in Educational Leadership: (1-3)-0-(1-3)**

Participants are introduced to selected topics in the areas of administration and supervision. Focuses on the specialized needs of administrators, supervisors, counselors, and teachers who do not require certification.

Education Science (COSM)**EDSC 5131****Earth Science I: 6-0-4**

Earth Science I is a survey of the natural processes at work on the Earth, including processes and history of the atmosphere, lithosphere, hydrosphere, and biosphere of the Earth. Materials comprising the Earth's crust (minerals and rocks) will be examined. This course is designed to fulfill the requirement for a one-semester, science lecture and laboratory course.

EDSC 5132**Earth Science II: 6-0-4**

Earth Science II is a survey of the natural processes at work on the Earth, including those associated with its oceans, weather and climate. The history of climate change is also covered. This course is designed to fulfill the requirement for a one-semester, science lecture and laboratory course. Prerequisite(s): EDSC 5131/5131G.

EDSC 5151**Physics for Teachers: Mechanics and Thermodynamics: 6-0-4**

A study of mechanics and thermodynamics to provide a framework for teachers to introduce or enhance a performance-based physical science curriculum in K-12 education. Students will develop an understanding of Newton's laws and many of the conservation laws. Topics include one and two dimensional motion, forces and Newton's laws, circular motion, rotational motion, momentum, energy, work, thermal properties of matter, and fluid mechanics.

EDSC 5152**Physics for Teachers: Waves, Electricity and Magnetism: 6-0-4**

A study of waves, electricity, and magnetism to provide a framework for teachers to introduce or enhance a performance-based physical science curriculum in K-12 education. Students will develop an understanding of sound, light, electricity and magnetism. Topics include oscillations, traveling and standing waves, sound, wave and ray optics, electric forces and fields, electric potential and electric potential energy, circuits, magnetic fields and forces, electromagnetic induction and electromagnetic waves.

EDSC 5161**Space Science for Teachers: Our Earth and Solar System: 6-0-4**

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.

EDSC 5162**Space Science for Teachers: Stars, Galaxies and the Nature of the Universe: 6-0-4**

A study of stars, galaxies and the nature of the Universe to provide a framework for teachers to introduce or enhance a performance-based space science in K-12 education. Students will also develop an understanding of the history, methods and physics used to construct the modern view of the Universe. Topics include the Sun, the Sun-Earth connection, the Milky Way, special relativity, gravity and black holes, stars and stellar evolution, galaxies and the formation of modern cosmology, dark matter, dark energy and the creation and evolution of the Universe, and the formation of the chemical elements.

Curriculum (COE)**EDUC 2090****PPB Practicum: 0-50-(0-1)**

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.

EDUC 2110**Investigating Critical and Contemporary Issues in Education: 2.53-1.13-3**

This course engages students in observations, interactions, and analyses of critical and contemporary educational issues. Students will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States. 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 2120 and EDUC 2130.

EDUC 2120**Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts: 2.53-1.13-3**

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 2110 and EDUC 2130.

EDUC 2130**Exploring Learning and Teaching: 2.53-1.13-3**

Explore key aspects of learning and teaching through examining your own learning processes and those of others, with the goal of applying your knowledge to enhance the learning of all students in a variety of educational setting and contexts. Corequisite(s): EDUC 2110 and EDUC 2120.

Educational Foundations (COE)**EDUF 1230****Education, Society and Learners: 3-0-3**

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 2090/2090S**Special Topics in Educational Foundations: (0-3)-(0-3)-(0-3)**

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 3131**Assessment and Management: 3-0-3**

The purpose of this course is to provide advanced preparation in two important teaching skill areas, assessment of student learning and classroom management. First, it is to provide pre-service P-5 teachers with the knowledge and skills to create and implement developmentally appropriate traditional and alternative forms of assessment that will prepare teachers to evaluate development and learning in the social, emotional, physical, and cognitive domains. Second, this course will help pre-service teachers to develop knowledge of and skills in effectively motivating students and managing classrooms through preventive and interventive techniques. Prerequisite(s): Admission to Teacher Education Program.

EDUF 3232**Educational Psychology: General: 3-0-3**

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, admission to Teacher Education Program, completion of pre-professional block or equivalent.

EDUF 3234**Educational Psychology: Secondary Education: 2-3-3**

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, admission to Teacher Education Program. Corequisite(s): SCED 4138.

Electrical Engineering (CEIT)**EENG 3230****Electromagnetic Fields: 3-0-3**

A study of electromagnetic fields theory and applications including Coulomb's law, Gauss' law, Ampere's law, Maxwell's equations, boundary conditions, uniform plane, wave propagation, and transmission line theories applied to engineering in power systems, satellites, and wireless communications. Prerequisite(s): A minimum grade of "C" in MATH 2243 and ENGR 2334 or permission of instructor.

EENG 3241**Electric Machines: 3-2-4**

The concepts of electric machines and their operation 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): Prior or concurrent enrollment with a minimum grade of "C" in EENG 3230 or permission of instructor.

EENG 3321**Microelectronics Lab: 0-4-2**

This course offers laboratory activities in Microelectronics including solid state memory, operational amplifiers, filters, and oscillators with emphasis on the practical integration of multiple devices on a single silicon substrate rather than individual devices connected via a printed circuit board. Prerequisite(s): A minimum grade of "C" in EENG 3330 or permission of instructor.

EENG 3330**Microelectronics: 3-0-3**

A study of the characteristics and design of bipolar junction and metal oxide semi-conductor integrated circuit devices with emphasis on commercial and industrial applications including operational amplifiers, digital logic, and solid state memory. Prerequisite(s): Prior or concurrent enrollment with a

minimum grade of "C" in CHEM 1146 or CHEM 1147 and ENGR 3320 or permission of instructor.

EENG 3340**Microcontrollers: 3-2-4**

Fundamental concepts of address, data, and control are covered including microcontroller architecture, memory, peripheral devices, and interfacing. Students will apply programming skills learned to operate different types of microprocessors. The course also includes laboratory activities in support of instruction. Prerequisite(s): A minimum grade of "C" in ENGR 2323 or permission of instructor.

EENG 3420**Linear Systems: 2-0-2**

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 ENGR 2334 and MATH 3230 or permission of instructor.

EENG 4130**Engineering Economy and Project Management: 3-0-3**

This course covers topics in engineering economy such as interest rates, cash flow, cost benefit, and depreciation analysis used in evaluating multiple engineering projects on the basis of quantitative monetary parameters. The course also covers 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 MATH 1441 and senior level standing or permission of instructor.

EENG 4610**Senior Project I: 1-2-1**

This course is the first sequence of a capstone project with emphasis on project design and development under physical constraints. Topics covered include tasks scheduling, project management, and consideration of ethical or societal issues. Students are required to conduct research and start basic project design under the direction of a faculty advisor. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in EENG 3321 and a minimum grade of "C" in EENG 3340 or permission of instructor.

EENG 4621**Senior Project II: 1-3-2**

In this second sequence of the senior capstone project, students will start 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 reports, oral presentations, a comprehensive final report, and a final project demonstration. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in EENG 4130 and a minimum grade of "C" in EENG 4610 or permission of instructor.

EENG 4890**Directed Study in Electrical Engineering: 0-0-(1-3)**

An individualized study involving research and applications pertaining to Electrical Engineering. Prerequisite(s): Prior study plan as approved by instructor.

EENG 5090**Selected Topics in Electrical Engineering: (1-3)-(0-3)-(1-4)**

Students in this course will have the opportunity to study selected topics in Electrical Engineering not currently offered by the program. Prerequisite(s): As determined by the instructor.

EENG 5242**Power Systems: 3-2-4**

Introduction to conventional power systems is covered including generation, transmission, and distribution with emphasis on power flow and parameters affecting the transfer of energy over the transmission lines. The course also includes laboratory activities in support of instruction. Prerequisite(s): A minimum grade of "C" in EENG 3241 or permission of instructor.

EENG 5243**Power Electronics: 3-2-4**

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 3330 or permission of instructor.

EENG 5341**Robotic Systems Design: 3-2-4**

The basic elements of robotics are introduced with emphasis on mobile robots and applications. Topics include coordinate transformations, sensors, path planning, kinematics, effectors, and control. Students will work in teams to design and build increasingly complex robotic systems. 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.

EENG 5342**Computer Systems Design: 3-2-4**

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.

EENG 5431**Control Systems: 2-3-3**

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.

EENG 5432**Programmable Logic Controllers: 2-2-3**

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 3241 or MENG 3521 or permission of instructor.

EENG 5532**Wireless Communications: 3-0-3**

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 3230 and EENG 5540 or permission of instructor.

EENG 5540**Communication Systems: 3-2-4**

The theory and principles of communication systems are presented in this course. Topics covered include AM and FM modulations, transmission and reception, noise and random processes, pulse modulation, and digital transmission techniques. Laboratory emphasizes modeling and simulation using MATLAB programming. Prerequisite(s): A minimum grade of "C" in EENG 3420 or permission of instructor.

EENG 5541**Digital Communications: 3-2-4**

Theory and applications of digital communications systems are covered. Topics include ASK, FSK, DPSK, QAM, signaling over AWGN, band-limited and fading channels, inter-symbol interference, and error-correction codes. The course also includes laboratory activities in support of instruction. Prerequisite(s): A minimum grade of "C" in EENG 5540 or permission of instructor.

EENG 5543/EENG 5543G**Antennas: 3-2-4**

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. Graduate students will be required to complete additional assignments and a culminating research project commensurate with graduate level work that is not required of undergraduate students. Prerequisite(s): A minimum grade of "C" in EENG 3230.

EENG 5891**Special Problems in Electrical Engineering: (1-3)-(0-2)-(1-3)**

This course provides for specialized study in the area of Electrical Engineering not currently offered by the program. Prerequisite(s): As determined by the instructor.

English (CLASS)**ENGL 0099****Communication Skills: 4-0-4**

Designed to help students develop language skills necessary for entering regular college courses. Emphasizes grammar and punctuation, essays and other forms of written expression, oral participation, and reading proficiency. Because the course is developmental, a student may exit at the end of any semester by passing the course and achieving a satisfactory score on the exit examination. Audit or institutional credit only.

ENGL 1101/1101H**Composition I: 3-0-3**

A composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills.

ENGL 1102/1102H/1102S**Composition II: 3-0-3**

A composition course that develops writing skills beyond the proficiency required by ENGL 1101, emphasizing interpretation and evaluation, and incorporating a variety of more advanced research methods. Prerequisite(s): A minimum grade of "C" in ENGL 1101 or equivalent.

ENGL 1160**First-Year Composition: 4-2-6**

This combined composition course, which includes all of the requirements for ENGL 1101 and ENGL 1102, covers the development of writing and research skills. Because this is a combo course, course content will be accelerated and rigorous. Evidence must be provided that the Regents' Exam will be taken or satisfied by exemption while enrolled. A minimum of "C" must be earned. Earning less than a "C" requires taking ENGL 1101 and ENGL 1102 again, either separately or in the combination if seating permits. This course will be offered only in Fall semesters in a limited number of sections.

ENGL 1230**Reading Fiction: 3-0-3**

The aim of this course, intended for all students at all levels, is to experience the pleasure of reading fiction. Readings for the class may include short stories and novels, works written in English as well as those that have been translated, older as well as recent writing. This course will emphasize the qualities that make fiction meaningful and memorable and enable students to sharpen their powers of observation, analysis, and interpretation.

ENGL 1231**Reading Drama: 3-0-3**

The aim of this course, intended for all students at all levels, is to experience the pleasure of reading drama. Readings for the class may include one-act

plays as well as full-length plays, works written in English as well as those that have been translated, ancient as well as modern drama. This course will emphasize the qualities that make drama meaningful and memorable and enable students to sharpen their powers of observation, analysis, and interpretation.

ENGL 1232

Reading Poetry: 3-0-3

The aim of this course, intended for all students at all levels, is to experience the pleasure of reading poetry. Readings for the class may include a variety of poetic forms, works written in English as well as those that have been translated, older as well as recent poems. This course will emphasize the qualities that make poetry meaningful and memorable and enable students to sharpen their powers of observation, analysis, and interpretation.

ENGL 2111/2111H/2111S

World Literature I: 3-0-3

A survey of great works of world literature from ancient times to the end of the seventeenth century. Beginning with the oral tradition, the course studies classical works and their impact on later literature, the spread of ideas beyond national and ethnic boundaries, and the influence of philosophy and religion on literature. Emphasis on critical reading and writing skills. Prerequisite(s): ENGL 1102 or ENGL 1160 with a minimum grade of "C".

ENGL 2112/2112H/2112S

World Literature II: 3-0-3

A survey of great works of literature from the 1700's to the present. The course studies literary representation and reaction to the rise of science, industrialism, internationalism, and other forces shaping the modern and postmodern world. Emphasis on critical reading and writing skills. Prerequisite(s): ENGL 1102 or ENGL 1160 with a minimum grade of "C".

ENGL 2131

Introduction to Literary Studies: 3-0-3

An examination of the fundamental principles of literary study, with special attention to critical approaches to language and literature, bibliography and research, and writing in the discipline. Required of all majors. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

ENGL 2231/2231S

British Literature I: 3-0-3

A study of British literature and literary history from the Old English Period through the pre-Romantics, focusing on literary types, themes, and historical, political, and cultural contexts. Prerequisite(s): A minimum grade of "C" in ENGL 1102.

ENGL 2232/2232S

British Literature II: 3-0-3

A study of the major British literature from the Romantic Period (1780) to the present, focusing on major movements, authors, and themes. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

ENGL 2331/2331S

American Literature I: 3-0-3

A survey of American Literature from the period of exploration and colonization through the Enlightenment and American Romanticism, concluding with the end of the Civil War. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

ENGL/AMST 2332/2332S

American Literature II: 3-0-3

A survey of American literature from 1865 to the present, focusing on major movements, authors, and themes. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

ENGL/FILM 2434

The Language of Film: 3-0-3

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. Prerequisite(s): ENGL 1102 or a minimum grade of "C" in ENGL 1160.

ENGL/AAST/AMST 3231

Survey of African-American Literature: 3-0-3

A survey of African-American literature from its beginnings to the present, focusing on important movements, genres, and themes. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/FILM 3232

The Art of Film Adaptation of Literature: 3-0-3

Comparative interpretation of the differences between literature and film and the complex challenges of turning diverse narrative literature into autonomous works of cinema. Prerequisite(s): A minimum grade of "C" in ENGL 2111 or ENGL 2112.

ENGL/WGST 3237

Women and Literature: 3-0-3

A study of the literature by and about women, which reflects some of the myths, legends, and social forces molding the female character. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 3338

Irish Cultural Identities: 3-0-3

A study of Irish cultural identities through literary perspectives on famine in Ireland, in the writings of Edmund Spenser and Jonathan Swift (among others); and in the writings of later authors who have responded to the Great Irish Famine of 1845-50, including James Clarence Mangan, Liam O'Flaherty, and Seamus Heaney. Prerequisite(s): ENGL 2111 or ENGL 2112; ENGL 2131 must be taken prior to or concurrent with all upper division courses. Permission of instructor required for all non-English majors.

ENGL/FILM 3535

Patterns in Film and Literature: 3-0-3

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 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 4133/4133S

The British Novel: 3-0-3

A study of the development of the novel in English through the reading of a selective list of novels which best illustrate the main tendencies in the English fiction of the eighteenth and nineteenth centuries. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 4135/4135S

Chaucer: 3-0-3

A study of The Canterbury Tales and other selected works. May be used to fulfill the single author requirement. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/AMST 4237

The American Novel: 3-0-3

A survey of the development of the novel in America, eighteenth through twentieth centuries, with special study of a list of works selected to illustrate the major movements in American fiction. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL

2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 4337/4337S

Shakespeare: 3-0-3

A close reading of Shakespeare's major comedies, histories, selected romances, dramatic tragedies, and the sonnets offering students an overview of a major Western Literary Icon. Fulfills single author requirements. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 4435/4435S

Single Author: 3-0-3

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): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 4630

Senior Seminar: 3-0-3

In the senior seminar, 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 the individual preparation of research papers. Seminar topics will vary with professor. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite). Students must complete a minimum of 18 hours of upper division English courses before enrolling in the Senior Seminar.

ENGL 5090/5090S

Selected Topics: 3-0-3

Selected topics in English. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5131/5131S

British Romantics: 3-0-3

A study of English Romantic poetry and prose, including major works of Blake, Wordsworth, Coleridge, Byron, the Shelleys, Keats, and many recently rediscovered authors of the period. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5134

The Age of Exuberance: British Literature 1660-1790: 3-0-3

A study of verse and prose from the Restoration to the Romantic period. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5135

Teaching Literature to Middle and Secondary School Students: 3-0-3

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. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5136/5136S

Medieval British Literature: 700-1450: 3-0-3

This course explores the rich and varied literature of medieval Britain, the region of Europe with the earliest vernacular literary tradition. From the Old English period, students will read heroic and elegaic poetry, as well as the religious poetry and prose written after the Christian conversion of the pagan Germanic tribes. From the Middle English period after the Norman Conquest, students will read some of the earliest dramatic works in English, the powerful writings of female religious mystics, as well as a sampling of romances concerning King Arthur. All works will be read in modernized English. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5138

Poetry and Prose of the English Renaissance: 3-0-3

A study centering on the analysis and interpretation of Renaissance poetry with some involvement in its larger historical context, especially in its relationship with controversy. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5139

Victorian Prose and Poetry: 3-0-3

A study of the Victorian Period in England with emphasis on the prose and poetry of major authors. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/AMST 5230

Colonial American Literature: 3-0-3

A detailed study of the poetry and prose from 1492-1800 by writers, both in America and Europe, who describe and define a distinct American identity by means of an emerging literature and diverse cultural experience. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or (ENGL 2232 not taken as a prerequisite).

ENGL/AMST 5231

American Romanticism: 3-0-3

A study of representative authors of the Romantic Period in American literature (1820-1865). This course focuses on the complex social, cultural, and political forces at work in these writings and in the Romantic Movement in general, and especially the influences of the earlier Romantic Period in English literature (1798-1832). This course traces the development of the major literary styles and patterns in American Romanticism, such as the archetype of the American Adam and the myth of the American Dream; the importance of American innovation in literary language and form, especially in the use of frontier dialect; and the contributions to world literature of American literary theorists, such as Poe. Graduate students will be required to do additional work as determined by the instructor. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/AMST 5233**American Realism: 3-0-3**

A study of prose works of the American Realist period from 1850-1910, including writers such as Twain, Jewett, Chesnutt, Gilman, Dreiser, Wharton, James, Crane, and Norris. Attention will be paid to canonical and non-canonical writers of the period, as well as regional and sentimental fiction. Graduate students will be required to do extra work as determined by the instructor. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/AMST 5234**Southern Literature: 3-0-3**

A survey of the literary achievements of the South from the Colonial period to the present. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/IRSH 5235**Irish Literature to 1850: 3-0-3**

The course examines Irish literature from its beginnings in the Gaelic oral tradition to the Great Famine of the 1840s. Students gain clear understanding of how Ireland's colorful and complex history has yielded exceptional prose, poetry, and drama. Matters considered include Ireland's four mythological cycles; its pseudo-historical invasion narratives; and its hagiographies (accounts of saints' lives). Students also study writings that reflect the four major stages of British colonization: Cambro-Norse, Tudor, Jacobean (or Scots-Irish), and Cromwellian. In addition, they explore literary genres specific to Ireland: *dinnseanchas* (place-lore literature); the *aísling* (nationalist vision literature); the *caoineadh* (bardic lament literature); and the Big House novel, which often has Gothic overtones. The course exposes participants to other important phenomena, too: the so-called stage Irishman; the peasant archetype; literature of resistance and revolution; and travel writings in the sublime tradition. All texts studied are in English or English translation. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/IRSH 5236/5236H**Irish Literature since 1850: 3-0-3**

Irish Literature since 1850 examines novels, short stories, plays, and poems produced in Ireland since the country's Great Famine. The course explores the Irish Cultural Revival that began in 1884 and lasted until the 1920s. It also considers literature about the revolutionary activity that precipitated the founding of the Irish Free State and Northern Ireland. The course ends by studying literary works that reflect changes in culture and identity caused by Ireland's unprecedented economic boom, which began in the mid-1990s. Students gain knowledge about a range of authors, including James Joyce, William Butler Yeats, Lady Augusta Gregory, George Bernard Shaw, Samuel Beckett, Seamus Heaney, Evan Boland, and others. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5238**Irish Women Writers: 3-0-3**

Irish Women Writers examines literature produced by Irish and Irish diasporic women across the centuries. It explores mythic and other female archetypes that affect and are represented in Irish women's writing. It also scrutinizes the different types of Irish women's writing, including novels, short stories, poetry, and drama, as well as testificatory, epistolary, controversialists and

other specialized genres. The course assesses Irish women's writing in relation to key historical, cultural, political, and socio-economic circumstances that inform it and upon which it comments. Prerequisite(s): A minimum grade of "C" in ENGL 2231 or ENGL 2232, and ENGL 2331 or ENGL 2332 and prior or concurrent enrollment in ENGL 2131 with a minimum grade of "C".

ENGL/COML 5330**World Drama to Romanticism: 3-0-3**

A study of representative works of dramatic literature, primarily of the western world, from Aeschylus through Beaumarchais, excluding English drama. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5331**British Drama to 1642: 3-0-3**

A study of British drama from the Middle Ages through the Renaissance, focusing on historical and cultural contexts of the drama. Students will learn about medieval guilds and the mystery plays they produced, morality plays such as *Everyman*, and interludes and other dramas performed in courtly settings. Much of the course will focus on the vibrant professional theater that developed in sixteenth- and seventeenth-century London. Students will learn about some of Shakespeare's talented contemporaries, not only Marlowe and Jonson but also Webster, Middleton, Ford, and other playwrights whose vigorous and sometimes shocking plays offer a fascinating look at early modern English theater and life. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5332**British Drama since 1660: 3-0-3**

A study of British drama from the reopening of the theatres in 1660 to modern times. Students will study important plays from the English Restoration and Neo-Classical period (e.g., Congreve, Dryden, Goldsmith, Sheridan), the Romantic period (e.g., Shelley), the Victorian period (e.g., Wilde, Synge, Shaw), as well as plays from the 20th Century (e.g., Pinter, Beckett, Stoppard). Plays will be studied in their historical and critical contexts. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5430**Contemporary Poetry: 3-0-3**

A study of English language poetry written since World War II with an emphasis on major figures and literary movements. Significant attention will be paid to the diversity and multinational character of contemporary English language verse. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5432**Twentieth Century British Literature: 3-0-3**

A study of major British and Commonwealth poets, novelists, and dramatists against the background of the major social and cultural changes of the twentieth century. Graduate students will be required to do extra work as determined by the instructor. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5434**Milton: 3-0-3**

A study of one of the greatest and most exciting of all English poets, based on close study of his work and exploration of the religious and historical circumstances of its time. We will read all of "Paradise Lost", a wide selection of Milton's other poetry, and some of the most important of his prose works. May be used to fulfill the single author requirement. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5438**Modern Poetry to 1945: 3-0-3**

A study of British, Irish, and American poets and poetry since 1900, emphasis being placed on the more influential, such as Yeats, Pound, Frost, Eliot, and Stevens. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/COML/RELS 5530**The Bible as Literature: 3-0-3**

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. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/COML 5533**Literary Criticism and Theory: 3-0-3**

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): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5534**Literature for Adolescents: 3-0-3**

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. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5535**Children's Literature: 3-0-3**

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. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/COML 5536**Post-Colonial Literature: 3-0-3**

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. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 5538**World Fiction since 1900: 3-0-3**

A study of some of the major works of fiction written by American, British, and World authors since 1900. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL/WGST/AAST 5539**Literature by Women: 3-0-3**

A study of classic, contemporary, and experimental writing by women in all genres, with special emphasis on the polemical and theoretical bases of and critical approaches to such texts. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

ENGL 6232**Seminar in African-American Literature: 3-0-3**

A study of images, issues, and themes in African-American literature through an examination of works by such writers as Douglass, Washington, Chestnut, Hughes, Wright, Baldwin, and Morrison.

ENGL 6630**Seminar in Medieval Literature: 3-0-3**

A study of the major authors, genres and literary influences of the English Middle Ages with an emphasis on Chaucer and the fourteenth century.

ENGL 6631/6631S**Shakespeare Seminar: 3-0-3**

A close examination of several of Shakespeare's "problem" plays.

ENGL 6632**Seminar in Literature of the English Renaissance: 3-0-3**

A study in the major writers of the English Renaissance, including such figures as Sidney, Spenser, Herbert, Donne, and Browne. Lesser authors may be incorporated for their historical significance in the development of modern English prose and poetry.

ENGL 6633**Seminar in Restoration and Eighteen Century British Literature: 3-0-3**

An in-depth study of major works and documents from the period. Specific topics and texts may vary.

ENGL 6634/6634S**Seminar in Major Authors: 3-0-3**

An intensive study of the life (lives) and works of one to three major authors.

ENGL/WGST 6635**Women's and Gender Issues: 3-0-3**

A study of women's and gender issues and concerns in the context of important works of literature.

ENGL 6637**Criticism and Theory: 3-0-3**

A study of the great tradition of literary critics, from Plato to the present, and the contemporary critical approaches and theory they shape today.

ENGL 7111**Seminar in College English: 1-0-1**

A study of strategies and techniques for developing rhetorical skills in College English. Required of graduate assistants in English and open to other graduate students in English.

ENGL 7121**Methods of Research: 2-0-2**

The seminar provides an in-depth understanding of the bibliographic, research, and critical skills required to do advanced scholarship in literary studies.

ENGL 7630**Seminar in World and Comparative Literature: 3-0-3**

Research and discussion of a topic in a specific period of world literature or comparative literature.

ENGL 7631**Seminar in the British Novel: 3-0-3**

A study of important developments or themes of the British Novel.

ENGL 7632**Seminar in the American Novel: 3-0-3**

A survey of the novel in America from the eighteenth to the twentieth centuries.

ENGL 7633/7633S**Seminar in Nineteenth-Century British Literature: 3-0-3**

A study of prose and poetry of the nineteenth century, focusing on either Victorian or Romantic authors.

ENGL 7635**Seminar in Nineteenth-Century American Literature: 3-0-3**

A study of major authors and documents of the nineteenth century, focusing on either Romantic or Realist authors.

ENGL 7637**Seminar in Twentieth-Century American Literature: 3-0-3**

A study of American prose, poetry or drama of the twentieth century, with emphasis chosen by the instructor.

ENGL 7638**Seminar in Twentieth-Century Poetry: 3-0-3**

A study of British and American poets of the twentieth century, with emphasis on major authors of either the Modern or Contemporary periods.

ENGL 7999**Thesis: (1-9)-0-(1-9)****Engineering (CEIT)****ENGR 1133/1133H****Engineering Graphics: 2-3-3**

Introduction to engineering graphics and visualization including sketching, line drawing, simple wire-frame and solid modeling. Development and interpretation of drawings and specifications for product realization.

ENGR 1731/1731H**Computing for Engineers: 2-2-3**

Foundations of computing with an introduction to design and analysis of algorithms and an introduction to design and construction of programs for engineering problem-solving. Prerequisite(s): Prior or concurrent enrollment in MATH 1113 or MATH 1441 or permission of instructor.

ENGR 1732/1732H**Program Design for Engineers: 2-2-3**

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++. An introduction to interfacing with FORTRAN is also given. Prerequisite(s): A minimum grade of "C" in ENGR 1731.

ENGR 2112**Solid Modeling and Analysis: 0-3-1**

The course is intended to develop a working skill in parametric solid modelling software. In addition to creating solid models, students will develop a basic proficiency in structures and thermal analysis software. Prerequisite(s): ENGR 1133 or permission of instructor.

ENGR 2131/2131H**Electronics and Circuit Analysis: 2-2-3**

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): PHYS 1114 and PHYS 2212 or permission of instructor.

ENGR 2231**Engineering Mechanics I: 3-0-3**

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): MATH 2242 and PHYS 2211.

ENGR 2232**Dynamics of Rigid Bodies: 3-0-3**

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: 1-3-2**

Design and implementation of digital systems, including a team design project. CAD tools, project design methodologies, logic systems, and assembly language programming. Prerequisite(s): A minimum grade of "C" in ENGR 2332.

ENGR 2332**Introduction to Computer Engineering: 3-0-3**

Computer systems and digital design principles. Architectural concepts, software, Boolean algebra, number systems, combinational datapath elements, sequential logic and storage elements. Design of DRAM control and I/O bus. Prerequisite(s): A minimum grade of "C" in ENGR 1731 or equivalent.

ENGR 2334**Circuit Analysis: 3-0-3**

Introduces students to the basic concepts of DC and AC circuit theory and analysis. Prerequisite(s): A minimum grade of "C" in ENGR 2341, PHYS 2212 and MATH 3230.

ENGR 2341**Introduction to Signal Processing: 3-2-4**

Introduction to signal processing for discrete-time and continuous-time signals. Filtering. Frequency Response. Fourier Transform. Z Transform. Laboratory emphasizes computer-based signal processing. Prerequisite(s): A minimum grade of "C" in MATH 2242 and ENGR 1731 or equivalent.

ENGR 2431**Creative Decisions and Design: 2-3-3**

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 3233**Mechanics of Materials: 3-0-3**

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): ENGR 2231.

ENGR 3235**Fluid Mechanics: 3-0-3**

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): ENGR 2231 and MATH 2243; or permission of instructor.

ENGR 3320**Circuit Analysis Lab: 0-4-2**

Laboratory experimentations to enhance understanding of analytical principles developed in ENGR 2334 (Circuit Analysis). Design and implementation of analog circuits (DC and AC). Proficiency with standard electronic instrumentation including multimeters, oscilloscopes, dual power supplies, and function generators. Simulation tools are used to verify experimental results. Prerequisite(s): A minimum grade of "C" in ENGR 2334 or permission of instructor.

ENGR 3431**Thermodynamics: 3-0-3**

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): PHYS 2211.

Early Childhood Middle Grades-Secondary Education (COE)

ESED 4090**Special Topics: (1-3)-0-(1-3)**

Promotes specialized training appropriate to 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 the advisor, instructor, and department chair.

ESED 4890**Directed Individual Study: (1-3)-0-(1-3)**

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 5233**Applied Linguistics: ESOL: 3-0-3**

An in-depth study of the major theories of first and second language acquisition and their implications for instruction. Graduate students will be

given an extra assignment determined by the instructor that undergraduates will not be required to do.

ESED 5234**Cultural Issues: ESOL: 3-0-3**

The principles of culture and its link to second language learning, as well as, problems of teaching in a multicultural classroom. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

ESED 5235**Methods for ESOL: 3-1-3**

An introduction to 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 a Second Language in listening, speaking, reading, and writing. In addition, participants will learn how to develop strategies for integrating school, neighborhood, and home resources to further the education ESOL students. 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 ESED 5233 and ESED 5234; and prior or concurrent enrollment with a minimum grade of "C" in ECED 3732, MGED 3731, SPED 3711, KINS 4430, or KINS 4431; and admission to Teacher Education Program or hold a valid teaching certification. *Note: Waivers of these pre/corequisites are: 1) only available to undergraduates from the ESOL Endorsement Program Coordinator or the Course Instructor; 2) but generally available to graduate students.*

ESED 5799**Student Teaching in P-12 Education: 0-40-9**

Student Teaching is a period of guided teaching during which the student, under the direction of a cooperating teacher, 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 teaching field, professional education courses, and admission to the Student Teaching Program.

English Second Language (CLASS)

ESL 0090A**Reading and Writing I: 6-0-4**

A beginning level reading and writing class for non-native speakers of English.

ESL 0090B**Listening and Speaking I: 6-0-4**

A 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: 5-0-4**

A basic structure class for beginning non-native speakers of English.

ESL 0090D**Computer I: 0-3-3**

A class designed to help 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: 4-0-3**

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: 6-0-4**

An intermediate reading and writing class for non-native speakers of English.

ESL 0091B**Listening and Speaking II: 6-0-4**

An intermediate level class designed to help non-native speakers of English develop communication skills through a variety of listening and speaking activities.

ESL 0091C**Grammar II: 5-0-4**

An intermediate structure class for non-native speakers of English.

ESL 0091D**Computer II: 0-3-3**

An 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: 4-0-3**

An intermediate course on the customs, behaviors, and attitudes most prevalent in US society, including experiential learning through field trips.

ESL 0092A**Reading and Writing III: 6-0-4**

An advanced level reading and writing class for non-native speakers of English.

ESL 0092B**Listening and Speaking III: 6-0-4**

An advanced 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: 5-0-4**

An advanced structure class for non-native speakers of English.

ESL 0092D**Computer III: 0-3-3**

An advanced 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: 4-0-3**

An in-depth course on the customs, behaviors, and attitudes most prevalent in US society, including experiential learning through field trips.

ESL 0093**English as a Second Language I: 5-2-6**

An intensive course designed for students whose native language is not English. Includes listening and speaking skills, reading comprehension, with an emphasis on vocabulary development, basic grammar review, and writing clear, logical, well-structured essays. Students may be required to pass this course before they are recommended to enter WRIT 0095 or ENGL 1101, depending on their proficiency. Prerequisite(s): Placement dependent upon successful score on Michigan Test of English Language Proficiency and a writing sample.

ESL 0095**English as a Second Language II: 2-2-3**

Designed for students whose native language is not English. Includes group discussion skills, interpretation of short readings, advanced grammar review, and writing clear, logical, well-structured essays. Students may be required to pass this course before they can enter ENGL 1101. Prerequisite(s): Placement dependent upon successful score on Michigan Test of English Language Proficiency and a writing sample.

European Union (VPAA)**EURO/INTS/POLS 3234/3234S****Introduction to the European Union: 3-0-3**

This course will introduce students to the history, institutions, policies, and cultures of the European Union and its member states.

EURO/INTS 4090**Selected Topics in the International Studies: (1-3)-0-(1-3)**

Selected Topics in International Studies.

EURO 4130**European Law and Legal Systems: 3-0-3**

This course focuses on the legal institutions that constitute the European Union, and the legal processes of those institutions. The course 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 4230**Doing Business in the European Union and United States: 3-0-3**

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 4330**Science and Technology Policy: 3-0-3**

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.

Family and Consumer Sciences (CHHS)**FACS 2220****Social Survival Skills: 1-0-1**

A study of etiquette and social interaction as they relate to social gatherings, the work environment and daily living. Students will be encouraged to incorporate the principles of professional and personal courtesies into their lifestyles. Is appropriate for all majors. Class will meet one evening session during the semester.

FACS 3035**Methods of Teaching Family and Consumer Sciences: 3-0-3**

This course is designed to assist students in understanding planning and instruction in the secondary family and consumer sciences classroom and in becoming familiar with best practices in secondary instruction. Skills will be developed in planning, conducting, and evaluating instruction using classroom and practicum experiences. Major emphasis will be placed on planning, presentation, reflection and assessment, and on developing strategies to facilitate working with the diverse student populations in public schools. Prerequisite(s): Admission to Teacher Education Program.

FACS 3131**Diversity in Human Development: 3-0-3**

This course helps students understand the variability in human development. Students will examine differences in family structure, race, ethnicity, gender and class. Students will be encouraged to examine their racial/ethnic/cultural identities to develop greater awareness of how "culture of origin" impacts their work in much the same way that the family of origin does. Student will be challenged to think critically while seeking to understand similarities and differences among people. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, and CHFD 2137.

FACS 4090/4090S**Selected Topics in Family and Consumer Sciences: (1-3)-0-(1-3)**

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.

FACS 4130**Young Children with Special Needs: 3-0-3**

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 specific physical, emotional, and psychological conditions which delay or modify the course of a child's healthy development. The course offers a broad introduction to educational and intervention policies, programs, practices and services appropriate for infants, toddlers, and preschoolers who exhibit delays and disabilities. Foundational approaches to supporting with children with disabilities such as activity based intervention and positive behavior supports will be introduced. Prerequisite(s): A minimum grade of "C" in CHFD 2135 and CHFD 3131 or permission of instructor for other majors.

FACS 4131**Introduction to Marriage and Family Therapy: 3-0-3**

The student will acquire a basic knowledge regarding the concepts that represent family systems theory and understand the range and types of the therapeutic interventions that are common to family therapy approaches. Students will learn about the history, theories, models, ethics and legal considerations associated with the discipline. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, CHFD 2137, CHFD 3139, and FACS 3131 or permission of instructor.

FACS 4132**Sexuality in Human Development: 3-0-3**

This course is intended for students entering into professions whose work may bring them into contact with issues associated with human sexuality. It is designed to inform students about contemporary sexual issues and to help them become aware of how their personal values and beliefs may interfere with their work. Class sessions will focus on providing theory, knowledge, and research in sexual behaviors, sexual issues, and introduce students to educational and therapeutic interventions. Class sessions will be a combination of lecture and discussion. Course content will include cross-cultural perspectives on sexual behavior and contemporary society, current and controversial issues in sexuality, sex education, and the effects of economics, class, public policy, and the political climate on expression of human sexuality. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, and CHFD 2137.

FACS 4138**Professional Development: 3-0-3**

This course addresses essential family and workplace communication skills and ethical practice in family and consumer science careers. An emphasis is placed on oral and written communication skills, interviewing, job and internship placement, employment laws, ethical code analysis and application, and professionalism. Prerequisite(s): A minimum grade of "C" in CHFD 2134, CHFD 2135, CHFD 2137, CHFD 3131, CHFD 3135, CHFD 3136, CHFD 3138, CHFD 3139, and FACS 3131.

FACS 4238**Child Life Practicum: 2-4-3**

This course is designed to familiarize students with the Child Life profession. Through observation and interaction, the student will gain a working knowledge of how children and families are affected by illness and hospitalization. The student will be supervised in the clinical setting by a certified child life specialist and will have the opportunity to learn how child life specialists apply theory to practice. The course will include weekly lab hours in a children's hospital. Students will be selected for this course through an application and interview process. Prerequisite(s): A minimum grade of "B" in CHFD 3137 and a minimum grade of "C" in CHFD 2134, CHFD 2135, CHFD 2137, and CHFD 4131.

FACS 4890/4890S**Directed Individual Study: (1-3)-0-(1-3)**

Provides the student with the opportunity to study topics and issues relevant to the Family and Consumer Sciences profession in an individual setting. The student will be able to work with faculty in a rigorous, closely directed, research or exploratory environment. Prerequisite(s): Permission of instructor.

FACS 4899**Directed Individual Study: (1-6)-0-(1-6)**

Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor. Prerequisite(s): Permission of instructor.

Film (CLASS)**FILM 2331/2331S****Introduction to Film Studies: 3-0-3**

Introduces the creative elements of cinema including screen writing, performance, cinematography, editing, sound, and directing. Selected films will be screened and analyzed.

FILM/ENGL 2434**The Language of Film: 3-0-3**

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. Prerequisite(s): ENGL 1102 or a minimum grade of "C" in ENGL 1160.

FILM/WRIT 2531**Introduction to Screenwriting: 3-0-3**

This course introduces students to creative process of scriptwriting for film and television through workshops, screenings, and examination of screenplays. Plot, character development, writing for visual media, and other elements of screenwriting will be covered. Students will develop a minimum of two short film scripts and one television dramatic or comedy script (spec script). Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.; and FILM 2331 or ENGL 2434; or passage of Grammar Proficiency Exam or WRIT 3520.

FILM 3030/3030S**Selected Topics in Film: 3-0-3**

Offers various courses in specialty areas of film studies. Prerequisite(s): FILM 2331.

FILM/ENGL 3232**The Art of Film Adaptation of Literature: 3-0-3**

Comparative interpretation of the differences between literature and film and the complex challenges of turning diverse narrative literature into autonomous works of cinema. Prerequisite(s): A minimum grade of "C" in ENGL 2111 or ENGL 2112.

FILM/AMST 3331/3331S**History of American Film: 3-0-3**

Surveys the history of American film recognizing the influence of international cinema upon American film. Selected films of historical significance will be screened and analyzed.

FILM 3332/3332S**Documentary Film: 3-0-3**

Explores the documentary film genre as an art form and as a medium of communication. Landmark documentary films will be screened and analyzed. Prerequisite(s): FILM 2331.

FILM 3333**Art of Film: 3-0-3**

Provides detailed analysis of selected masterpiece films emphasizing aesthetics. Prerequisite(s): FILM 2331.

FILM/POLS 3334**Film and Politics: 3-0-3**

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. Prerequisite(s): POLS 1101 or permission of instructor.

FILM/IRSH 3430**Ireland in Film: 3-0-3**

The course will consist of a study of films depicting Ireland and the way it represents Irish history, culture and conflict.

FILM/MMC 3434/3434S**Introduction to Digital Filmmaking: 3-0-3**

This course introduces students to the aesthetics and production of narrative short film using digital cameras. Composition, shooting, lighting, sound recording, and non-linear editing will be covered. Students will make three short films in the course. Prerequisite(s): A minimum grade of "C" in FILM 2331.

FILM 3531**Advanced Screenwriting: 3-0-3**

Within a workshop and critique setting, students will work through the various stages of the screenwriting process, building on the basic knowledge acquired in Screenwriting FILM 3335. Students also will collaborate in the production of one short film script to demonstrate translation from script to visual medium. Students will complete one feature-length script and one short film with the completion of the course. Prerequisite(s): A minimum grade of "C" in FILM 2531 or WRIT 2531.

FILM/ENGL 3535**Patterns in Film and Literature: 3-0-3**

A comparative interpretation of themes, ideas, and patterns in selected works of narrative literature and cinema. Prerequisite(s): ENGL 2111 or ENGL 2112.

FILM 4020**Digital Filmmaking Applications: 2-6-2**

Practicum course providing students with experience in their respective areas of interest in Digital Filmmaking, including directing, cinematography, editing, and producing. The course requires six hours of approved practicum activity per week for the two credit course. Course activity will culminate in one completed, long form documentary or narrative film per instructor approved crew. Prerequisite(s): A minimum grade of "C" in MMC 4134, FILM 3331, and MMC 3530 or JOUR 3530 or permission of instructor.

FILM 4910**Digital Filmmaking Capstone: 1-0-1**

Students will create a web and hard copy portfolio and reel utilizing projects created through his or her MMC filmmaking courses. Students will also address current issues in the field and their role as future practitioners. Prerequisite(s): A minimum grade of "C" in BRCT 3434, FILM 3434, or MMC 3434 and senior MMC rank.

Finance (COBA)**FINC 3130****Financial Tools and Methods: 3-0-3**

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 ACCT 2101.

FINC 3131/3131H/3131S**Principles of Corporate Finance: 3-0-3**

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: 3-0-3**

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 3133/3133S**International Finance: 3-0-3**

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 3134**Enterprise Risk Management: 3-0-3**

A study of the identification, evaluation, financing and control of both financial and business risk and the techniques that are used to manage cash inflows and outflows in such a way as to maximize the value of the firm. Integrated risk management of the entire business enterprise is emphasized throughout the course. Risk management techniques to include hedging, diversification, risk transfer and insurance are examined. Prerequisite(s): A minimum grade of "C" in FINC 3131.

FINC 3231**Investments: 3-0-3**

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.

FINC 3331**Financial Institutions: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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 4231**Personal Financial Planning: 3-0-3**

A study of the 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: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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/ECON 4534**Commercial Risk Management and Insurance: 3-0-3**

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.

FINC 4535**Insurance Industry Operations: 3-0-3**

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 4790**Internship in Finance: 0-0-(3-9)**

The student is 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. Prerequisite(s): Senior standing. For students with an emphasis, the required course(s) of the emphasis must be completed.

FINC 4830/4830S**Special Problems in Finance: 3-0-3**

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)-0-(1-3)**

Designed for independent study and research in selected areas of finance under faculty supervision. Prerequisite(s): Permission of department chair or director.

Fashion Merchandising and Apparel Design (CHHS)**FMAD 1234****Apparel I: 1-4-3**

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 2220**Understanding Aesthetics: 2-0-2**

An in-depth investigation of aesthetics and how aesthetics applies to the roles of the fashion/apparel industry professional.

FMAD 2230**Social and Psychological Aspects of Clothing: 3-0-3**

The cultural, social, psychological, and economic aspects of clothing which affect the selection and usage of clothing by the consumer.

FMAD 2610**Professional Seminar: 1-0-1**

To prepare Fashion Merchandising and Apparel Design students for the major. Emphasis is on professional development, knowledge and skills needed for various careers in the fashion industry, how to develop a portfolio, how to acquire employment and/or internship in their chosen emphasis.

FMAD 3030**Selected Topics: 3-0-3**

Scheduled on an infrequent basis to explore special areas in Fashion and Apparel and will carry a subtitle.

FMAD 3231/3231H**Fashion Fundamentals: 3-0-3**

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. Prerequisite(s): FMAD 1234, FMAD 2230, or LSTD 2106.

FMAD 3232

Principles of Merchandising: 3-0-3

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): FMAD 3231.

FMAD 3233

Visual Merchandising: 3-0-3

Principles and applications of the visual presentation of merchandise including display, design and materials appropriate to a store's image. Prerequisite(s): FMAD 3232.

FMAD 3234

Textiles: 3-0-3

Emphasizes the fiber characteristics, fabric properties, and manufacturing processes that affect the selection, use, and care of textile goods. Prerequisite(s): FMAD 3231.

FMAD 3235/3235H

History of Costume: 3-0-3

Chronological survey of the development and characteristics of historic costume from the ancient Egyptian culture to the present.

FMAD 3236

Apparel II: 1-4-3

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: 3-0-3

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. Prerequisite(s): FMAD 1234.

FMAD 3239

Global Apparel and Textile Production and Trade: 3-0-3

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 3231.

FMAD 4231

Apparel Design Analysis I: 2-2-3

Application of principles involved in designing apparel using flat pattern techniques. Prerequisite(s): FMAD 3236.

FMAD 4232

Apparel Design Analysis II: 2-2-3

Application of principles involved in designing apparel using draping techniques. Prerequisite(s): FMAD 3236.

FMAD 4234

Fashion Presentation and Promotion: 3-0-3

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 4235

Computer-Aided Design: 1-4-3

Investigation and application of computer technology in textile design, apparel design, and apparel manufacturing. Prerequisite(s): FMAD 1234, CISM 1110, and CISM 1120.

FMAD 4236

Fashion Study Tour: 3-0-3

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): FMAD 3231 or permission of instructor.

FMAD 4790

Internship in FMAD: 12-0-12

Supervised work-study program in fashion and apparel industry selected by the student and pre-approved by the student's advisor. Students will work full-time for the entire semester while enrolled in the internship program. Student 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)-0-(1-6)

Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor. Prerequisite(s): Permission of instructor.

Foreign Languages (CLASS)

FORL 1010

Preparation for Success in Foreign Language: 1-0-1

Addresses needs of students who have difficulty learning a foreign language. Addresses strategies for better linguistic functioning in foreign language classes and ultimately helps in student retention.

FORL 1090/1090S

Selected Topics in Foreign Languages: (1-3)-0-(1-3)

Elementary level foreign language topic.

FORL 2090/2090S

Intermediate Foreign Language: (1-3)-0-(1-3)

Study of a foreign language at the Intermediate level. Continued building upon proficiency skills (speaking, writing, listening, 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. Prerequisite(s): One year of elementary language study in the language at the college level or permission of instructor.

FORL 3030/3030S

Selected Topics in Foreign Languages: (1-3)-0-(1-3)

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): Foreign Language 2002 - Intermediate II.

FORL 3131

Greek and Latin Vocabulary: 3-0-3

Greek and Latin Vocabulary in English is a course designed to improve the student's use and understanding of the vocabulary of English through a study of the Latin and Greek elements (word roots) in English. Emphasis on words in current scientific and literary use. No knowledge of Greek or Latin required.

FORL 3431**Foreign Languages Methods P-5: 2-2-3**

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-5 level. These activities include reading and discussion of text materials, development of lesson plans, evaluation of materials, in-class demonstrations of teaching techniques, and appropriate field experiences. Prerequisite(s): Successful completion of Pre-Professional Education Block and admission to Teacher Education Program.

FORL 3432**Foreign Languages Methods 6-12: 2-2-3**

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 6-12 level. These activities include reading and discussion of text materials, development of lesson plans, evaluation of materials, in-class demonstrations of teaching techniques, and appropriate field experiences. Prerequisite(s): Successful completion of Pre-Professional Education Block and admission to Teacher Education Program.

FORL 3510**Futures in Foreign Languages: 1-0-1**

Guided discussion and investigation of the field of foreign languages with attention to opportunities for foreign language learners, challenges of a global society, and projections of future needs and uses for foreign languages. Prerequisite(s): 2001 or equivalent in any foreign language. Required of foreign language majors.

FORL/LING 3533/3533S**Introduction to Language: 3-0-3**

A general introduction to the nature and structure of language and its role in society.

FORL 4030/4030S**Selected Topics in Foreign Languages: (1-3)-0-(1-3)**

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): Foreign Language 2002 - Intermediate II.

FORL 4393**Practicum in Foreign Language Education: (1-3)-0-(1-3)**

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 4890/4890S**Directed Study in Foreign Languages: (1-15)-0-(1-15)**

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): Two foreign language courses at the 3000 level.

French (CLASS)**FREN 1001/1001S****Elementary French I: 3-0-3**

Introduction to listening, speaking, reading, and writing in French and to the culture of French-speaking regions.

FREN 1002/1002S**Elementary French II: 3-0-3**

Continued listening, speaking, reading and writing in French with further study of the culture of French-speaking regions. Prerequisite(s): FREN 1001 or equivalent.

FREN 1060/1060S**Accelerated Elementary French: 6-0-6**

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.

FREN 2001/2001S**Intermediate French I: 3-0-3**

Building upon communication skills (understanding, speaking, reading, and writing French) and cultural understanding, developed at the elementary level. Prerequisite(s): FREN 1001 and FREN 1002 or FREN 1060.

FREN 2002/2002S**Intermediate French II: 3-0-3**

Continued focus on communication skills and cultural understanding. Prerequisite(s): Prior or concurrent enrollment in FREN 2001 or equivalent.

FREN 2060**Accelerated Intermediate French: 6-0-6**

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): Completion of FREN 1002 or equivalent.

FREN 3030/3030S**Selected Topics in French: (1-3)-0-(1-3)**

Study of a topic in French 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. Conducted in French. Prerequisite(s): FREN 2002 or equivalent.

FREN 3130/3130S**Conversational French: 3-0-3**

Continued development of all five language competencies (listening, speaking, reading, writing, and culture) with a strong emphasis on conversational skills. Practice in the use of everyday French for functional vocabulary build-up and increased oral proficiency. Course work includes the study of authentic oral materials (such as excerpts from films, radio and TV programs, recordings of songs, skits, etc.), as well as situational communicative exercises. Conducted in French. Prerequisite(s): FREN 2002 or equivalent.

FREN 3132/3132S**French Through Literature: The Short Story: 3-0-3**

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): FREN 2002 or equivalent.

FREN 3134/3134S**French Through Writing: 3-0-3**

Continued development of all five language competencies (listening, speaking, reading, writing, and culture) with strong emphasis on writing, such as: personal narratives, movie reviews and short research topics. Conducted in French. Prerequisite(s): FREN 2002 or equivalent.

FREN 3136**French through Film: 3-0-3**

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): FREN 2002 or equivalent.

FREN 3195/3195S**French in France: 3-0-3**

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): FREN 2002 or equivalent and admission to the France Study Abroad program.

FREN 3230**French Through Literature: Introduction to the Study of Literary Texts: 3-0-3**

Continued development of all five language competencies (listening, speaking, reading, writing, and culture) through the study and analysis of literary texts. Texts include representative samples of four literary genres: short story, poetry, theatre, and novel. Course work includes oral comprehension, speaking, reading, writing, and grammar activities. Conducted in French. Prerequisite(s): FREN 2002 or equivalent.

FREN 3330/3330S**French Civilization: 3-0-3**

Continued development of all five language competencies (listening, speaking, reading, writing, and culture) through the study of French civilization. Course work includes oral comprehension, speaking, reading, writing, and grammar activities. Conducted in French. Prerequisite(s): FREN 2002 or equivalent.

FREN/AAST 3336**Francophone Cultures of Africa and the Caribbean: 3-0-3**

Continued development of all five language competencies (listening, speaking, reading, writing, and culture) with a focus on an introduction to Africa and the Caribbean. Texts include fables, poems, newspaper articles, and film. Course work includes oral, reading, writing, and grammar activities. Conducted in French. Prerequisite(s): FREN 2002 or equivalent.

FREN 3395/3395S**French Regional Culture: 3-0-3**

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): FREN 2002 or equivalent.

FREN 3530/3530S**French for Professions: 3-0-3**

Continued development of all five language competencies (listening, speaking, reading, writing, and culture) through the study of professional situations in areas such as business, law, health, and tourism. Course work includes oral, reading, writing, and grammar activities. Conducted in French. Prerequisite(s): FREN 2002 or equivalent.

FREN 4030/4030S**Selected Topics in French: 3-0-3**

Study of a topic in French literature, culture, society, thought, or language not included in regular offerings. Conducted in French. Prerequisite(s): FREN 3230 and one other course at the 3000 level.

FREN 4130**Grammar and Phonetics: 3-0-3**

Intensive review of major grammatical structures and contrastive analysis of French and English sound systems. Extensive oral and written activities, including grammar exercises, compositions, and pronunciation exercises. Conducted in French. Prerequisite(s): Two courses at the 3000 level.

FREN 4330/4330S**Contemporary France: 3-0-3**

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.

FREN 4431/4331S**Perspectives in Literature I: 3-0-3**

Introduction to masterpieces of French literature representative of major movements and genres from the Middle Ages to the present. Conducted in French. Prerequisite(s): FREN 3230 and one other course at the 3000 level.

FREN 4432**Perspectives in Literature II: 3-0-3**

Same as FREN 4431 but focuses on different texts and/or authors. Conducted in French. Prerequisite(s): FREN 3230 and one other course at the 3000 level.

FREN 4790**Internship in French: (1-15)-0-(1-15)**

Internship in one or more French-speaking countries. Prerequisite(s): Permission of instructor and department chair.

FREN 4890/4890S**Directed Study in French: (1-3)-0-(1-3)**

Independent study under faculty supervision. Prerequisite(s): Permission of the instructor.

First-Year Experience (Provost)**FYE 1220/1220H****First-Year Seminar: 1.5-5-2**

Thematic seminar designed to promote information literacy skills and support students' cognitive and affective integration into the University community. Required during the first semester for all students new to the University (except for transfer students with 30 hours or more); students may not withdraw.

FYE 1410/1410H**Global Citizens: 1-0-1**

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 1220/1220H.

FYE 2090**Selected Topics in First-Year Experience: (1-3)-0-(1-3)**

Selected topics in First-Year Experience offered on an irregular basis. Individual sections carry a subtitle.

FYE 2212**Teaching Internship in First-Year Experience: 0-1-1**

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.

Graphic Communications Management (CLASS)**GCM 1131****Graphic Communications Technology: 2-3-3**

An introduction to careers, the printing processes and the steps involved in preparing images for production in graphic communications.

GCM 1321**Desktop Publishing: 2-0-2**

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: 0-2-1**

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: 2-2-3**

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: 3-0-3**

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: 0-2-1**

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 of "C" in GCM 1131. Corequisite(s): GCM 2332.

GCM 2432**Inks and Substrates: 3-0-3**

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: 0-2-1**

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 2532.

GCM 2532**Desktop Publishing II: 3-0-3**

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 and GCM 1411. Corequisite(s): GCM 2512.

GCM 2721**Industrial Practicum: 0-2-2**

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 and GCM 1321.

GCM 3110**Instructional Assistance: 0-3-1**

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): Student must have junior or senior standing and must have earned a minimum of "B" in the class in which the student assists.

GCM 3130**Customer Service for Graphic Communications: 3-0-3**

A course designed to acquaint the students with duties and responsibilities associated with customer service for graphic communications management. Prerequisite(s): 11 hours of GCM courses.

GCM 3231**Print Media Processes: 2-2-3**

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, and GCM 1411.

GCM 3735**Graphic Communications Internship I: 0-3-3**

Designed for students to receive practical work experience with an approved graphic communications firms. A minimum of 400 contact hours with the host site is required. Prerequisite(s): A minimum grade of "C" in GCM 2721 and a minimum 7 hours from GCM 2432, GCM 2332 and GCM 2412, and GCM 2532 and GCM 2512.

GCM 4132**Screen and Specialty Printing: 2-2-3**

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 (required for Graphic Communications Management majors only, IT second discipline students and GCM minor students should consult with the assigned Graphic Communications Management advisor).

GCM 4232**Photo Preparation for Reproduction: 2-2-3**

A combination of traditional and digital photography techniques will be used to enhance the quality of the original photograph. The focus of the class will be on creating images which maximize resolution while reducing editing requirements. Students will choose and use various lighting arrangements and output techniques to improve final image quality. Prerequisite(s): A minimum grade of "C" in GCM 1131, ART 1335, JOUR 3333, or permission of instructor.

GCM 4736**Graphic Communications Internship II: 0-3-3**

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 3745 and 9 or more hours of 3000 and above GCM courses.

GCM 4899**Independent Study: (0-3)-(0-6)-(1-3)**

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. Prerequisite(s): Permission of the instructor.

GCM 5090**Selected Topics in Graphic Communications: (1-3)-(2-6)-(1-3)**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to complete.

GCM 5234**Color Reproduction: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to complete. Prerequisite(s): A minimum grade of "C" in GCM 3745 (required for Graphic Communications Management majors only, IT second discipline students and GCM minor students should consult with the assigned GCM program advisor). Corequisite(s): GCM 5314/5314G.

GCM 5314**Color Reproduction Laboratory: 0-2-1**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to complete. Prerequisite(s): A minimum grade of "C" in GCM 3745 (required for Graphic Communications Management majors only, IT second discipline students and GCM minor students should consult with the assigned GCM program advisor). Corequisite(s): GCM 5234/5234G.

GCM 5331**Flexography: 2-2-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to complete. Prerequisite(s): A minimum grade of "C" in GCM 3231 (required for Graphic Communications Management majors only, IT second discipline students and GCM minor students should consult with the assigned Graphic Communications Management advisor).

GCM 5332**Multimedia Presentations: 2-3-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to complete. Prerequisite(s): A minimum grade of "C" in GCM 1631 (required for Graphic Communications Management majors only, IT second discipline students should consult with the assigned Graphic Communications Management advisor).

GCM 5334**Imaging Systems: 2-2-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to complete. Prerequisite(s): A minimum grade of "C" in GCM 3745 (required for Graphic Communications Management majors only, IT second discipline students and GCM minor students should consult with the assigned GCM program advisor).

GCM 5335**Graphic Communications Management Topics: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to complete. Prerequisite(s): A minimum grade of "C" in GCM 3745.

GCM 5434**Lithographic Reproduction: 2-3-3**

Designed to introduce the student to image assembly for presswork. Topics include imposition layouts, image assembly, platemaking, proofing systems, press operation and safety. Graduate students will do a research project related to course content and present their finding to the class. Prerequisite(s): A minimum grade of "C" in GCM 3231 (required for Graphic Communications Management majors only, IT second discipline students and GCM minor students should consult with the assigned GCM program advisor).

GCM 5534**Digital Output Applications: 2-2-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to complete. Prerequisite(s): A minimum grade of "C" in GCM 3231 (required for Graphic Communications Management majors only, IT second discipline students and GCM minor students should consult with the assigned GCM program advisor).

GCM 5535**Estimating for Print Production: 3-0-3**

Acquaints the student with various types of estimating practices found in the printing industry. The student will learn how to measure cost centers, calculate materials used and conceptualize the production process. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to complete. Prerequisite(s): A minimum grade of "C" in GCM 3745 required for undergraduate course only.

Geography (COSM)**GEOG 1101/1101H/1101S****Introduction to Human Geography: 3-0-3**

Basic concepts of cultural geography including characteristics and spatial patterns of population religions, settlements, economies, languages, nutrition, health, migration, economic development, art, music, and other cultural phenomena.

GEOG 1110**Climate and the Landscape Lab: 0-2-1**

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. Prerequisite(s): Highly recommended to be taken concurrently with GEOG 1111.

GEOG 1111**Climate and the Landscape: 3-0-3**

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. Prerequisite(s): Highly recommended to be taken concurrently with GEOG 1110.

GEOG 1130/1130H/1130S**World Regional Geography: 3-0-3**

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 3130/3130S**Conservation: 3-0-3**

Examination of environmental factors in the setting of human activities. Emphasis is on modern efforts in conservation and resource management concerning wildlife, forests, fisheries, agriculture, rangeland, water, soils and oceans. Prerequisite(s): BIOL 1130, or BIOL 1230, or BIOL 1331, or BIOL 1335 or TCGT 1530 or GEOG 1111 or permission of instructor.

GEOG 3230/3230S**Economic Geography: 3-0-3**

Study of the distribution, production and utilization of the world's basic commodities. Prerequisite(s): GEOG 1101 or GEOG 1130 or permission of instructor.

GEOG 3330**Weather and Climate: 3-0-3**

Elements and controls of weather and climate and the distribution and characteristics of climate regions. Prerequisite(s): GEOG 1111 or permission of instructor.

GEOG 3440**Introduction to GIS and Cartography: 2-4-4**

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 3530**Cultural Geography: 3-0-3**

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 1101 or GEOG 1130 or permission of instructor.

GEOG/GEOL 3741**Remote Sensing: 2-4-4**

Introduction to the concepts, theory, collection, analysis and applications of remotely sensed spatial information. Prerequisite(s): Permission of instructor.

GEOG 4120**Introduction to Research: 2-0-2**

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.

GEOG 4130**Biogeography: 3-0-3**

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): BIOL 1130, or BIOL 1230, or BIOL 1331, or BIOL 1335, or GEOL 1430, or GEOG 1111 or permission of instructor.

GEOG 4131**Geography of the American South: 3-0-3**

Systematic regional treatment of the South including the physical, cultural and economic aspects of its various regions.

GEOG/LAST 4232**Geography of Latin America: 3-0-3**

Study of the physical, cultural and economic geography of Latin America, including Mexico.

GEOG 4233/4233S**Geography of Asia: 3-0-3**

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/AAST 4330**Geography of Africa South of the Sahara: 3-0-3**

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.

GEOG 4430/4430S**Geography of Europe: 3-0-3**

Survey of the physical, cultural, political and economic geography of Europe. Situations of contemporary interest will be included.

GEOG 4542**Intermediate GIS: 2-4-4**

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 4543**Advanced GIS: Spatial Analysis and Modeling: 2-4-4**

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.

GEOG 4610**Senior Thesis Seminar: 1-0-1**

Proficiency in formal scientific paper presentation will be demonstrated. The student's senior research topic from GEOG 4820 will generate both written and oral presentations made in a formal setting to an audience of professors and peers. Prerequisite(s): GEOG 4120 and GEOG 4820.

GEOG 4790**Internship in Geography: 0-(5-30)-(1-6)**

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 4820

Senior Thesis Research: 2-0-2

Provides a mechanism for geography majors to complete research project(s) started in GEOG 4120. The end product of the research is the senior thesis. Prerequisite(s): GEOG 4120.

GEOG 5090/5090S

Selected Topics: (3-4)-(0-2)-(3-4)

Offered with or without a lab on an experimental basis. Graduate students will complete an individual term project or special report.

GEOG 5091

Applied GIS: 0-8-4

Applications of advanced GIS design and modeling to a specific topical and/or geographic area. Topics and studies will be varied over time. Prerequisite(s): GEOG 3440, GEOG 4542, and GEOG 4543.

GEOG/AMST 5130

Geography of North America: 3-0-3

Systematic regional treatment of Canada and the United States including the physical, cultural, and economic aspects of various subregions. Special attention will be paid to comparative themes such as resource development, trade, and migration. Graduate students will complete an individual term project or special report.

GEOG 5230/5230S

Urban Geography: 3-0-3

An analysis of site, situation, base, principal functions, distribution, supporting areas and internal structure of urban settlements. Graduate students will complete an individual term project or special report. Prerequisite(s): GEOG 1101 or GEOG 1130 or permission of instructor.

GEOG 5330

Population Geography: 3-0-3

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 or permission of instructor.

GEOG 5430/5430S

Political Geography: 3-0-3

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. Graduate students will learn how to undertake an independent, supervised research project in the field of political geography. Prerequisite(s): GEOG 1101 or GEOG 1130 or permission of instructor.

GEOG 5590/5590S

Field Studies in Geography: (6-8)-0-(6-8)

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. Graduate students will complete an individual term project or special report.

GEOG 5890/5890S

Directed Study: (1-3)-(0-2)-(1-4)

Independent study for advanced students. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): Approval of department chair.

Geology (COSM)

GEOL 1121

Introduction to the Earth: 3-2-4

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 1122

General Historical Geology: 3-2-4

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 1340

Environmental Geology: 3-2-4

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.

GEOL 1430

Dinosaurs, Extinctions and Disasters: 3-0-3

A review of the dynamic processes of extinction, evolution, and change in ancient animal assemblages. Particular attention will be paid to the unique terrestrial communities that were dominated by dinosaurs, mammoths, and other megafauna. We will focus on the effects of meteorite collisions, ice ages, and mass extinction events.

GEOL 1530

Principles of Oceanography: 3-0-3

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 3520

Field Methods: 0-4-2

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. Prerequisite(s): GEOL 1122, MATH 1112 or MATH 1113, or permission of instructor. Note: Two-day field trips are required.

GEOL 3541

Mineralogy: 3-3-4

An introduction to morphological crystallography, physical properties and the optical characteristics of the common minerals. Examines the genesis, occurrence, 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): GEOL 1121 and prior or concurrent with CHEM 1145.

GEOL 3542

Petrology and Petrography: 3-3-4

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 1122 and GEOL 3541.

GEOL/GEOG 3741**Remote Sensing: 2-4-4**

Introduction to the concepts, theory, collection, analysis and applications of remotely sensed spatial information. Prerequisite(s): Permission of instructor.

GEOL 3790**Teaching Internship in Geology: 1-(2-6)-(1-3)**

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 interns. Prerequisite(s): Permission of instructor and a minimum grade of "B" in two of the following three courses, one of which must be the course in which the student will intern: GEOL 1121, GEOL 1122, or GEOL 1340.

GEOL 4120**Introduction to Research: 2-0-2**

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.

GEOL 4530**Tectonics: 3-0-3**

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.

GEOL 4610**Senior Seminar: 1-0-1**

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 4820.

GEOL 4790**Internship in Geology: 0-(5-30)-(1-6)**

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.

GEOL 4820**Senior Thesis Research: 2-0-2**

Provides a means by which geology majors can conduct research intended for completion of the senior thesis. Prerequisite(s): A minimum grade of "B" in GEOL 4120.

GEOL 5090/5090S**Selected Topics: (0-3)-(3-6)-(1-9)**

This course provides a means by which new courses can be offered for experimental purposes. Graduate students will complete an individual term project or special report. Prerequisite(s): Permission of instructor.

GEOL 5130**Geochemistry: 3-0-3**

The application of chemical concepts to geological problems. Graduate students will complete an individual term project or special report. Prerequisite(s): CHEM 1146, GEOL 3541, or permission of instructor.

GEOL 5131**Economic Mineralogy: 2-3-3**

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. Graduate students must complete a paper on an assigned topic. Prerequisite(s): GEOL 3541 or permission of instructor.

GEOL 5132**Regional Field Geology: 3-0-3**

A field expedition involving geologic 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. Graduate students will complete an individual term project or special report.

GEOL 5140**Vertebrate Paleontology: 3-2-4**

A study of the morphology, classification and geologic significance of vertebrate fossils. Graduate students will complete an individual term project or special report. Prerequisite(s): GEOL 1122 or permission of instructor. GEOL 5141 strongly recommended.

GEOL 5141**Paleontology: 3-3-4**

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. Graduate students will complete a special report, not required of undergraduates. Prerequisite(s): GEOL 1122 or permission of instructor.

GEOL 5142**Stratigraphy and Sedimentation: 3-2-4**

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. Graduate students will complete an individual term project or special report. Prerequisite(s): GEOL 3541 or permission of instructor.

GEOL 5230**Earth Science: 2-3-3**

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. Graduate students will complete an individual term project or special report. 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.

GEOL 5231**General Oceanography: 3-0-3**

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.

GEOL 5431**Coastal Geology: 3-0-3**

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. Graduate students will complete an individual term project or a special report. Prerequisite(s): GEOL 1122 or permission of instructor. GEOL 5142 is strongly recommended.

GEOL 5440**Structural Geology: 3-3-4**

A study of geologic structures resulting from rock formation and deformation. Attention will be given to recognition and solution of structural problems. Graduate students will complete an individual term project or special report. Prerequisite(s): GEOL 3542 and MATH 1112 or MATH 1113.

GEOL 5530**Geomorphology: 2-3-3**

A systematic study of landforms and the processes which create and modify them. Graduate students will complete an individual term project or special report. Prerequisite(s): GEOL 1122 or GEOG 1111 or permission of instructor.

GEOL 5541**Hydrogeology: 3-2-4**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): GEOL 3542 or permission of instructor.

GEOL 5542**Advanced Hydrogeology: 3-2-4**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): GEOL 5541.

GEOL 5740**Sea Turtle Natural History: 3-3-4**

Designed primarily for in-service teachers, will allow students to earn 4 hours credit for research monitoring sea turtle nesting on St. Catherine's Island, Ga. Students will attend two distance learning training sessions, reside on the island for seven days to observe sea turtle nesting evidence, participate in sea turtle conservation activities, study barrier island natural history with lectures by leading scientists, and collect natural history specimens for their classrooms, and attend a follow-up meeting. Graduate students will complete a resource notebook or term project.

GEOL 5741**Sea Turtle Conservation: 3-8-4**

Designed primarily for pre-service and in-service teachers, will introduce students to conservation through the study of Georgia's sea turtles, content and process skills of science through conservation, and the integration of teaching resources and electronic technologies into their classrooms. May meet by distance learning with laboratory content delivered by Internet, distance learning, fax, or e-mail or by self-contained web-based video streaming (SREC). Will average 3 hours of lecture alternate weeks via distance learning and 4-8 credit hours of laboratory on alternate weekends via Internet, e-mail, and hands-on exercises. Permission of instructor required. Graduate students will complete an endangered species teaching unit or paper.

GEOL 5890**Directed Study: (0-3)-(0-9)-(1-3)**

Well prepared geology majors may be permitted to carry on independent study upon the recommendation of one of the geology/geography faculty. 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.

German (CLASS)**GRMN 1001/1001S****Elementary German I: 3-0-3**

An introduction to the German language and the culture of the German-speaking world. Beginning of a survey of basic German grammar and the development of the four language skills of listening, speaking, reading and writing German. Some aspects of everyday life in the German-speaking world will also be introduced.

GRMN 1002/1002S**Elementary German II: 3-0-3**

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. Prerequisite(s): GRMN 1001 or equivalent.

GRMN 1060**Accelerated Elementary German: 6-0-6**

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 2001/2001S**Intermediate German I: 3-0-3**

Building upon communication skills (understanding, speaking, reading, and writing German) and cultural understanding, developed at the elementary level. Prerequisite(s): GRMN 1001 and GRMN 1002 or equivalent.

GRMN 2002/2002S**Intermediate German II: 3-0-3**

Continued focus on communication skills and cultural understanding. Prerequisite(s): GRMN 2001 or equivalent or permission of instructor.

GRMN 2060**Accelerated Intermediate German: 6-0-6**

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): Completion of GRMN 1002 or equivalent.

GRMN 2195/2195S**Beginning German Conversation in Germany: 3-0-3**

Learning the basics of German conversation, with simulated and live situations for practice in the real-life setting of Germany in the study abroad

program. Prerequisite(s): GRMN 1002 or equivalent or permission of instructor and admission to the German Study Abroad program.

GRMN 2535/2535S

German Literature in Translation: 3-0-3

A study of certain major German authors and some of their best works read in translation. Also includes a study of the authors of these works and the literary periods in which they were written. Students may not count this course for credit toward a major or a minor in German.

GRMN 3030/3030S

Selected Topics in German: (1-3)-0-(1-3)

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 or permission of instructor.

GRMN 3130/3130S

German Conversation and Phonetics: 3-0-3

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): GRMN 2002 or GRMN 2060 or equivalent or permission of instructor.

GRMN 3132/3132S

German Grammar Review: 3-0-3

Intensive review with extensive practice of German grammar, including advanced aspects. Prerequisite(s): GRMN 2002 or GRMN 2060 or equivalent or permission of instructor.

GRMN 3134/3134S

Writing in German: 3-0-3

Grammar review, basic instruction in stylistics, and extensive practice in writing both short compositions and longer items. Prerequisite(s): GRMN 2002 or GRMN 2060 or equivalent or permission of instructor.

GRMN 3231/3231S

Listening Skills in German: 3-0-3

Presentation and discussion of select songs, radio plays, films and similar texts and formats. Can be repeated for credit with different content. Prerequisite(s): GRMN 2002 or GRMN 2060 or equivalent or permission of instructor.

GRMN 3330

German Language and Society: 3-0-3

A study of various aspects of the German-speaking countries, including geography, history, politics, business, and the arts. Prerequisite(s): GRMN 2002 or GRMN 2060 or equivalent or permission of instructor.

GRMN 4030/4030S

Selected Topics in German: (1-3)-0-(1-3)

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): GRMN 2002 or permission of instructor.

GRMN 4230/4230H/4230S

Readings in German Literature: 3-0-3

Presentation and discussion of German texts from all periods. Can be repeated for credit with different content. Prerequisite(s): Two courses at the 3000 level or permission of instructor.

GRMN 4330/4330S

German Culture and Civilization: 3-0-3

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): Two German courses at the 3000 level or equivalent or permission of instructor.

GRMN 4790/4790S

Internship in Germany: (1-15)-0-(1-15)

Internship in one or more German-speaking countries. Prerequisite(s): Permission of instructor and department chair.

GRMN 4890/4890S

Directed Study in German: (1-15)-0-(1-15)

Independent study under faculty supervision. Prerequisite(s): Two German courses at the 3000 level or equivalent or permission of instructor.

Georgia Southern University (VPAA)

GSU 1120

Methods of Learning: 2-0-2

Designed to promote academic success, Methods of Learning emphasizes opportunities for students to learn and apply strategies that lead to success in their academic courses, including interpreting, organizing, and synthesizing academic information in texts and lectures; identifying and assessing individual learning styles; setting and achieving academic goals; managing time effectively; taking comprehensive notes; and preparing for tests. This course cannot be used to meet graduation requirements.

GSU 2121

Career Exploration: 2-0-2

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 narrow down career/major choice options using a variety of exercises and resources. Prerequisite(s): Completion of 30 hours of course work.

GSU 2122

Professional Development Seminar: 2-0-2

The seminar will focus on the job search process and preparation for the business world. It is geared towards students who are beginning their job search process and who have completed 60+ hours. Students may also enroll with special permission of the instructor. Prerequisite(s): Junior standing or higher.

GSU 2222

Preparing Students for University Service: 2-0-2

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 student 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.

History (CLASS)

HIST 1111/1111S

World History I: Development of World Civilization: 3-0-3

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 1112/1112H/1112S

World History II: Emergence of Modern Global Community: 3-0-3

Addresses the historical context of contemporary global society by tracing developments from the fifteenth century to the present.

HIST 2110/2110H/2110S**U.S. A Comprehensive Survey: 3-0-3**

Surveys the United States from precolonial times to the present with special attention to Georgia. Satisfies the Georgia History and U.S. History requirements.

HIST 2630/2630H/2630S**Historical Methods: 3-0-3**

An examination of the methodologies and techniques of historical research and writing. This course is a requirement for history majors and for the social studies section of the Bachelor of Science in Education.

HIST 2630H**Historical Methods (Honors): 3-0-3**

In this course, students will examine the methodologies and techniques of historical research and writing, be introduced to the nature and expectations of the historical profession, and develop the skills necessary to conceive and complete the honors senior thesis.

HIST 3030/3030H/3030S**Selected Topics in History: 3-0-3**

Topics vary with individual professor. Honors course is designated for Honor Students.

HIST 3111H**History Honors Thesis Seminar I: 1-0-1**

In this course Honors History majors will begin the research component of the Honors Program in History by selecting a research topic and writing a research proposal. Prerequisite(s): A minimum grade of "C" in HIST 2630.

HIST 3112H**History Honors Thesis Seminar II: 1-0-1**

In this course Honors History majors will continue the research component of the Honors Program in History through a review of the historiographical literature, compilation of an annotated bibliography, and outline of their Senior Honors Thesis project. Prerequisite(s): A minimum grade of "C" in HIST 3111H.

HIST/AAST/AMST 3130**African American History to 1877: 3-0-3**

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/AAST/AMST 3131**African American History Since 1877: 3-0-3**

African American history from Reconstruction to the present.

HIST 3132**Young Republic, 1788-1848: 3-0-3**

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/AMST 3133**United States Constitutional History: 3-0-3**

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/AMST 3134**American Economic History: 3-0-3**

The changing character of American economic life from colonial times to the modern consumer culture including religious beliefs, economic thought, industrialization, business organization, government-business relations, and social transformation.

HIST 3135**Rise of U.S. to World Power: 3-0-3**

Studies the history of U.S. foreign relations from the initial breach with Britain in the 1770s to the aftermath of the Spanish-American War at the end of the nineteenth century.

HIST/INTS 3136/3136S**U.S. as a Global Power: 3-0-3**

Studies the history of U.S. foreign relations from the turn of the twentieth century to the present.

HIST/AMST/WGST 3137**Topics in U.S. Women's History: 3-0-3**

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.

HIST/RELS 3139**History of Religion in the U.S.: 3-0-3**

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.

HIST 3150**The History of Vietnam, 236 B.C. to Present: 3-0-3**

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 939 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/AMST 3230**American Military History: 3-0-3**

Studies military strategy, tactics, technology, and main features of American conflicts from colonial times to this century.

HIST 3231**Introduction to Public History: 3-0-3**

This class surveys the field of Public History and its various subfields. This project-driven class will provide students experience with presenting history through museums, historic sites, media programs, and other public venues.

HIST/RELS 3233**The Early Church: 3-0-3**

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).

HIST/INTS/RELS 3250**The Muslim World to Tamerlane: 3-0-3**

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.

HIST/INTS/RELS 3251**The Muslim World Since Genghis Khan: 3-0-3**

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.

HIST 3330/3330S**History of Greece: 3-0-3**

A survey of ancient Greek history from the Minoan and Mycenaean civilizations to Alexander the Great.

HIST 3331/3331S**History of Rome: 3-0-3**

A survey of Roman history and society from the beginnings to the emperor Constantine.

HIST 3332/3332S**Late Antiquity: 3-0-3**

A survey of the Mediterranean world from the later Roman empire to the new civilizations of Europe, Byzantium, and Islam.

HIST 3333/3333S**The Middle Ages: 3-0-3**

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/RELS 3334**Christian Europe 450-1750: 3-0-3**

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.

HIST 3337/3337S**Europe, 1914-1945: 3-0-3**

A study of the role of the two world wars and the interwar period in shaping Europe and the modern international environment.

HIST/INTS 3338/3338S**Contemporary Europe: 3-0-3**

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.

HIST 3430/3430S**History of England to 1603: 3-0-3**

A survey of English history from the Roman occupation to the death of Elizabeth I.

HIST/IRSH 3431**England since 1603: 3-0-3**

A survey of English history from the accession of King James I to the present.

HIST 3432**Germany: 1648-Present: 3-0-3**

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 3434**Modern European Thought: 3-0-3**

An examination of significant figures and developments in modern European intellectual history from the eighteenth century Enlightenment to Post-Structuralism.

HIST 3435**The Scientific Revolution: 3-0-3**

A study of scientific change from Copernicus to Newton.

HIST 3436/3436S**The Holocaust: 3-0-3**

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/AAST/INTS 3530**History of Africa to 1800: 3-0-3**

Traces the development of significant social, economic and political institutions within precolonial Africa.

HIST/AAST/INTS 3531**History of Africa since 1800: 3-0-3**

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/INTS 3532**The Modern Middle East: 3-0-3**

A survey of the major developments in the Middle East since World War I.

HIST 3533**Modern Eastern Europe: 3-0-3**

A survey of Eastern Europe which will stress the political, social, economic, military, and cultural development of 19th and 20th century Poland, Hungary, the Czech Republic as well as the Balkan nations.

HIST/INTS 3534**Modern Southeast Asia: 3-0-3**

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.

HIST 3536/3536S**Russia to 1917: 3-0-3**

A survey of the history of Russia from its Kievan origins to the Revolution of 1917.

HIST/INTS/LAST 3537**Colonial Latin America: 3-0-3**

A political, social, and economic survey of Latin America from its pre-Columbia era to its struggles for independence.

HIST/INTS/LAST 3538/3538S**Modern Latin America: 3-0-3**

A political, social, and economic survey of Latin America from independence to the present.

HIST 3630H**History Honors Seminar: 3-0-3**

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 4030/4030H/4030S**Directed Study in History: 3-0-3**

Independent study with topics varying by professor.

HIST 4111H**History Honors Thesis Seminar III: 1-0-1**

In this course Honors History majors will progress through the research component of the Honors Program in History by completing a first draft of their Senior Thesis project. Prerequisite(s): A minimum grade of "C" in HIST 3111H and HIST 3112H.

HIST 4112H**History Honors Thesis Seminar IV: 1-0-1**

In this course Honors History majors will progress through the research component of the Honors Program in History by completing the final version of their Senior Honors Thesis project and presenting their findings at the Undergraduate Research Symposium. A minimum grade of "C" in HIST 3111H, HIST 3112H, and HIST 4111H.

HIST 4130**Georgia History: 3-0-3**

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: 3-0-3**

Analysis of biography as a genre in historical writing and scholarship using life stories of representative individuals in history.

HIST/AMST 4132**Recent America: U.S. Since 1945: 3-0-3**

Surveys the history of the United States from World War II to the present, including social, political, and economic developments.

HIST/INTS 4133**U.S. Diplomacy: The Cold War: 3-0-3**

Examines the history of U.S. foreign relations from the aftermath of World War II to the collapse of the Soviet Union.

HIST/AAST 4134**The Civil Rights Movement: 3-0-3**

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.

HIST/AMST 4135**The United States in the 1960's: 3-0-3**

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 4230/4230S**The Renaissance: 3-0-3**

Examines the cultural, intellectual, political, economic and social aspects of Italy from 1300-1525, with additional reference to its northern European context.

HIST 4333**Colonial Experience I: Europe: 3-0-3**

Examines the causes, course and consequences of the "New Imperialism" of Europe in the years 1875 to 1945 and the subsequent process of decolonization following the end of World War II. Emphasis will be placed on the historiographical treatment of the causes of European imperialism, the debate over its consequences, and the relationship between Europe and its former dependencies.

HIST/WGST 4335**"Woman Question" in Europe: 3-0-3**

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.

HIST/RELS 4336**Science and Religion: 3-0-3**

Examines the interactions between science and religion from ancient times to the present.

HIST 4337**Technology and the Historian: 3-0-3**

This course considers the implications of new technologies for the reading, writing, organization and presentation of history. Along with analyzing how technological development has helped fashion collective memory, the course emphasizes creating and implementing design solutions for the communication of historical findings through individual and group projects.

HIST/AMST 4431**Invasion of the Americas: Contact, Encounter and Colonization in Early America: 3-0-3**

The Atlantic World context for the settlement of North America, initial contacts between Old World and New, and the processes of colonization and intercultural encounter are the primary subjects of this course.

HIST/AMST 4432**Early American History: 3-0-3**

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/AAST/WGST 4530**Revelation and Revolution: 3-0-3**

Explores issues of gender, spirituality, and power within the context of African history.

HIST 4531/4531S**World War I: 3-0-3**

An examination of the background, origins, diplomacy, strategy, critical turning points, conclusion, and meaning of World War I.

HIST/AAST 4532**Destruction of Slavery: 3-0-3**

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.

HIST 4533**The History of Flight: 3-0-3**

A study of the development of aeronautics from the earliest ideas through the space age.

HIST 4534**Dinosaurs and Extinctions: 3-0-3**

The history of (1) the meaning of fossils, meteorites, comets, and asteroids; (2) the discovery of dinosaurs and other extinct animals; and (3) the various extinction theories.

HIST 4635**Senior Seminar: 3-0-3**

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): Senior standing or permission of instructor.

HIST 4690**Senior Thesis: 3-0-3**

Readings in the literature and philosophy of history under the direction of a faculty member with the goal of completing a senior thesis. Admission only by permission of the department.

HIST 4790**Internship in History: 0-(1-9)-(1-9)**

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. Prerequisite(s): 15 semester credit hours of upper-division course work in History; adjusted GPA of 3.0; GPA of 3.0 in History courses; approval of department chair and supervisor at internship site.

HIST 5030**Selected Topics in History: 3-0-3**

Topics will vary with individual professor. Graduate students will be given an extra assignment (s) determined by the instructor that undergraduates will not be required to do.

HIST 5130**American Indian History: 3-0-3**

A survey of the history of American Indians from pre-contact to the present, supplemented by case studies from a number of regions.

HIST/AMST 5133**Revolutionary America: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST/AMST 5134**Civil War and Reconstruction: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST 5136**Recent America: U.S. Since 1945: 3-0-3**

Surveys the history of the United States from World War II to the present, including social, political, and economic developments. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST/AMST 5137**The Antebellum South: 3-0-3**

The social, intellectual, cultural, economic, and political history of the American South to 1861 with an emphasis on Georgia's role. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST/AMST 5138**The New South: 3-0-3**

The social, intellectual, cultural, economic, and political history of the post-Civil War South with an emphasis on Georgia's role. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST 5230**Advertising and Culture: 3-0-3**

Surveys the business of selling consumer goods from the nineteenth century to the present with analysis of how advertising became a cornerstone of the consumer culture and how ads historically have communicated images of the American dream. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST 5231**Legal History of U.S.: 3-0-3**

Examines United States legal history from colonization to modern times, looking at such issues as the role of the law in the economy, society, and growth of the modern legal order. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST 5232**Working Class History in the United States: 3-0-3**

An examination of the social, cultural and political history of the working class in the United States since industrialization. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST/AAST 5233**The American City: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST 5234**Piracy in the Americas, 1500-1750: 3-0-3**

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. Graduate students will be given an extra assignment, determined by the instructor.

HIST 5331**The Age of Chivalry: 3-0-3**

Examines the society and culture of Europe during the High Middle Ages. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST/RELS 5332**The Reformation: 3-0-3**

Focuses on the breakup of western Christian unity in the sixteenth century, particularly on the formation of Lutheran and Calvinist denominations and the social, political, and economic consequences for all Europe through the seventeenth century. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST 5335**World War II: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST 5336/5336S**Revolutionary France: 3-0-3**

An examination of the causes, course, and consequences of the French Revolutionary and Napoleonic Eras. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST 5339**Modern Britain: 3-0-3**

A detailed study of British history from the Reform Act of 1867 to the present. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST 5430**Modern France: 3-0-3**

An examination of the history of France from the fall of Napoleon Bonaparte in 1815 to the present. It will examine the political, diplomatic, cultural, economic, social, intellectual, and artistic developments which have shaped France in the modern era. Graduate students will be given an extra

assignment determined by the instructor that undergraduates will not be required to do.

HIST 5530/5530S

20th Century Russia: 3-0-3

A survey of the history of Russia in the 20th century. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST 5431

Advanced Topics in Public History: 3-0-3

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 given an extra assignment determined by the instructor that undergraduates will not be required to do. Topics vary. May be repeated for credit.

HIST/INTS 5531/5531S

Modern Japan: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

HIST/INTS 5532

Modern China: 3-0-3

Cultural change and continuities of China from 1600 to its response to the West, the rise of the People's Republic, and the Post-Mao present.

HIST/INTS 5533

Economic Rivals: U.S.-EC-Japan: 3-0-3

Contrasts the historical development of business in the U.S., European Community, and Japan from preindustrial times to the present, emphasizing how culture, economics, and politics have shaped business growth and international trade, creating rival capitalists. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

Health (CHHS) (COPH)

HLTH 1520/1520H/1520S

Healthful Living: 2-0-2

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: 1-3-2

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 2130/2130H

Foundations of Health Education: 3-0-3

Introduces students to the field of health education. The historical origins of health education, selected learning theories, emerging issues and trends in the field and professional responsibilities of health educators in various practice settings will be examined.

HLTH 2510

Medical Terminology: 1-0-1

Equips the student with the basic skills needed to read, understand and interpret medical terms common to health related issues and tasks.

HLTH 2520

Peer Health Education Training: 1-3-2

Develops the skills necessary to become an effective peer health educator. Content will include a review of basic health knowledge, development of program planning and presentation skills. At the completion of the course, the students will be able to develop, coordinate, and implement health education workshops, promote health related activities and execute effective media and public relations strategies for health education.

HLTH 3111H

Health Honors Thesis Seminar I: 1-0-1

This is a seminar course that prepares students to complete a senior honors thesis proposal. Prerequisite(s): Honors student standing.

HLTH 3112H

Health Honors Thesis Seminar II: 1-0-1

This is the second seminar course, students will complete the final research proposal, develop and defend an oral presentation of the research proposal, and complete IRB and IBC forms necessary to collect data for the Senior Honors Thesis. Prerequisite(s): Honors student standing.

HLTH 3128

Multicultural and Social Determinants of Health: 2-0-2

Introduction to the characteristics, causes, and effects of health disparities in the U.S. health care system. Provides students with a foundation to develop the knowledge, attitudes, and skills to become culturally competent health educators. 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 HLTH 2130.

HLTH 3130

Substance Use and Abuse: 3-0-3

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. Prerequisite(s): A minimum grade of "C" in HLTH 1520; and a Sophomore status and above.

HLTH 3131

Chronic Diseases: A Modern Epidemic: 3-0-3

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 2511 and KINS 2531 or permission of instructor.

HLTH 3132

Health Care Systems and Advocacy: 3-0-3

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" HLTH 2130 or permission of instructor.

HLTH 3136

Principles of Environmental Health: 3-0-3

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 HLTH 2130.

HLTH 3230

Community Health: 3-0-3

Exposes the student to concepts, theories, terms, models, resources, people and experiences which are related to community health issues and programs with a focus on the role of health educators in various community health settings. An examination of affiliations, functions, responsibilities, skills and networks used by community health educators will be included. Prerequisite(s): A minimum grade of "C" in HLTH 2130 or permission of instructor.

HLTH 3231

Epidemiology and Biostatistics: 3-0-3

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 HLTH 2130 or permission of instructor.

HLTH 3330

Modifying Health Behaviors: 3-0-3

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 HLTH 2130.

HLTH 3331

Stress Theory and Management in Health Promotion: 3-0-3

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. Prerequisite(s): A minimum grade of "C" in HLTH 1520; and a Sophomore status and above.

HLTH 3332

Coordinated School Health Programs: 3-0-3

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/community health, disease prevention, sexuality and substance use education will also be addressed. Prerequisite(s): Junior standing and formal acceptance into the Teacher Education Program or permission of instructor. (Fall semester). A minimum grade of "C" in HLTH 1520 and admission to the Teacher Education Program.

HLTH 3430

Sexuality Education: 3-0-3

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 about and promote sexual health and develop skills to increase their comfort level in discussing human sexuality. Prerequisite(s): a minimum grade of "C" in HLTH 1520; and a Sophomore status and above.

HLTH 3431

Methods and Materials for School Health Education: 2-3-3

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, HLTH 3130, HLTH 3332, HLTH 3432; and a Sophomore status and above.

HLTH 3432

HPE Curriculum Development: 3-0-3

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: 3-0-3

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.

HLTH 3531

Consumer Health: 3-0-3

Prepares individuals to make intelligent decisions regarding the purchasing and use of health products and services that will have a direct affect 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; and a Sophomore status and above.

HLTH 4099/4099S

Selected Topics in Health Science: (1-3)-0-(1-3)

Provides the student with in-depth study of selected topics in health science. Prerequisite(s): Permission of instructor.

HLTH 4111H

Health Honors Thesis Seminar III: 1-0-1

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. Student will be guided through primary data collection and analysis. Student will complete writing the first draft of the Research Manuscript adhering to current APA style manual. Prerequisite(s): Honors student standing.

HLTH 4112H

Health Honors Thesis Seminar IV: 1-0-1

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. Prerequisite(s): Honors student standing.

HLTH 4130**Perspectives on Living While Dying: 3-0-3**

The web-based course lays a foundation for students' future interactions with and care of individuals who are dying. Strategies for improving the quality of life during dying and death are examined attention to application. The physiology of dying and methods of handling circumstances surrounding the process of dying and death are included. The course is directed toward students in the helping professions such as nursing, health science, sociology, psychology, and the general student population. Prerequisite(s): Junior/Senior level or permission of instructor.

HLTH 4132**Program Planning in Health Education and Promotion: 3-0-3**

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. Corequisite(s): HLTH 4134.

HLTH 4133**Health Education and Promotion Program Planning II: 3-0-3**

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 HLTH 4132.

HLTH 4134**Research Methods and Evaluation in Health Education and Promotion: 3-0-3**

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 HLTH 2130. Corequisite(s): HLTH 4132.

HLTH/KINS/NTFS 4195S**International Studies Abroad in Health and Kinesiology: (3-9)-0-(3-9)**

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. Undergraduate Prerequisite(s): Junior or Senior status.

HLTH 4230**Maternal and Child Health: 3-0-3**

Reviews the historical and contemporary maternal and child health trends and issues. The application of health behavior and education theories to understanding the health status of women and their children will be central to the course. Particular emphasis will be placed on promotion and education efforts designed to improve the health, well-being and quality of life for women and children in the United States. Prerequisite(s): a minimum grade of "C" in HLTH 1520; and Sophomore status and above.

HLTH 4231**Health Aspects of Aging: 3-0-3**

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.

Prerequisite(s): a minimum grade of "C" in HLTH 1520, and Sophomore status and above.

HLTH 4330**Promotional Strategies for Health Programs: 3-0-3**

Explores the application of social marketing and communication theory to the development of strategies to enhance health education and promotion programs. Prerequisite(s): HLTH 2130.

HLTH 4331**Individual and Group Strategies for Health Behavior Change: 3-0-3**

Explores techniques and practices for improving personal communication effectiveness with both individuals and groups. An overview of the literature on group dynamics and self-directed health behavior change will be provided, focusing on skills for working with individuals and for leading and facilitating groups. Prerequisite(s): HLTH 2130 for Health majors or permission of the instructor for Non-Health majors.

HLTH 4618**Senior Seminar in Health Education and Promotion: 1-0-1**

Provides senior level Health Education and Promotion majors with a colloquium in which to discuss current issues and topics, with a focus on professional ethics, professional employment opportunities, internships, development and growth and current research themes within the profession. Prerequisite(s): Senior level Health Education and Promotion major status.

HLTH 4798**Internship in Health Education and Promotion: 0-0-12**

Provides the senior level Health Education and Promotion majors with a practical experience in an appropriate health setting. Students must complete all course work in the Health Education and Promotion major prior to enrolling in this course. Prerequisite(s): A minimum grade of "C" in all major courses, directed major electives, and Area F courses, 2.5 GPA.

HLTH 4799**Internship in Health Behavior: 12-0-12**

Provides the senior level Health Behavior major student with a practical experience in an appropriate health setting. Students should complete all course work in the Health Behavior major prior to enrolling in this course. Prerequisite(s): HLTH 4619.

HLTH 4899**Directed Individual Study: (1-3)-0-(1-3)**

Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor. Prerequisite(s): Permission of instructor.

Hotel and Restaurant Management (COBA)**HNRM 2333****Introduction to the Hotel and Restaurant Industry: 3-0-3**

An introduction to the history of services management, the organizational forms and professional opportunities in the hospitality industry.

HNRM 3090/3090S**Selected Topics in Hotel and Restaurant Management: 3-0-3**

Provides students with the opportunity to study contemporary and international topics and issues relevant to the hotel and restaurant management profession.

HNRM 3336**Hotel Operations: 3-0-3**

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 HNRM 2333, ACCT 2030, or ACCT 2101, and ACCT 2102 or permission of instructor.

HNRM 3337**Promoting the Hospitality Industry: 3-0-3**

This course applies marketing concepts to the promotion of hotel and restaurant operations. Prerequisite(s): A minimum grade of "C" in HNRM 2333 or permission of instructor.

HNRM 3338**Hospitality Management: 3-0-3**

This course applies the principles of management and human resources to hotel and restaurant operations. Prerequisite(s): A minimum grade of "C" in HNRM 2333 or permission of instructor.

HNRM 4334**Food and Beverage Operations: 3-0-3**

Emphasis is placed on strategic planning, the budgetary process, productivity, purchasing and the use of technological advances affecting profitability and customer satisfaction in a foodservice facility. Prerequisite(s): A minimum grade of "C" in HNRM 2333 and HNRM 3337 or permission of instructor.

HNRM 4335**Restaurant Management: 3-0-3**

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 2333 or permission of instructor.

HNRM 4336**Hospitality Issues and Perspectives: 3-0-3**

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 2333 and HNRM 3336 or permission of instructor.

HNRM 4790/4790S**HNRM Internship: 12-0-12**

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 the HNRM Internship Director. Prerequisite(s): Attendance at pre-internship meeting with the Internship Director, permission of Internship Director and Internship Site Supervisor, Senior status, 2.0 GPA, and approval of academic advisor.

HNRM 4730**Internship in Hospitality Management: 3-0-3**

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): Senior status, 2.0 GPA, and approval of academic advisor.

HNRM 4899**Directed Individual Study: (1-6)-0-(1-6)**

Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor. Prerequisite(s): Permission of instructor.

Humanities (CLASS)**HUMN 2321/2321S****Humanities I: 3-0-3**

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): Prior or concurrent enrollment in ENGL 1101 or a minimum grade of "C" in ENGL 1160.

HUMN 2322/2322S**Humanities II: 3-0-3**

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): Prior or concurrent enrollment in ENGL 1101 or a minimum grade of "C" in ENGL 1160.

HUMN 2433/2433S**Classicism: 3-0-3**

Explores classicism as both a philosophical approach and an aesthetic style in art, rhetoric, literature, architecture, and music.

HUMN 2434/2434S**Myth in Arts and Humanities: 3-0-3**

Explores selected myths and their treatments in art, rhetoric, literature, theater, and music.

Interdisciplinary Studies (CLASS)**IDS 2210****Turning Points and Connections: 1-0-1**

Focuses on the connections between major turning points in history and their effects on life, as seen in art, music, philosophy, literature, politics, economics, science, or cultural outlook. Prerequisite(s): HIST 1112. Required of all students.

IDS 3090/3090S**Special Topics: (1-3)-0-(1-3)**

Offers varied courses which are interdisciplinary in nature. Prerequisite(s): Permission of instructor.

Interior Design (CHHS)**INDS 2430****Design Appreciation: 3-0-3**

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 2435**Design Studio I: 1-4-3**

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): A minimum grade of "C" in ART 1010, ART 1020, INDS 2430.

INDS 2436**Interior Materials and Systems: 3-0-3**

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" in INDS 2430.

INDS 2437**Interior Design CAD I: 3-0-3**

Introductory computer-aided drafting and communication. 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 INDS 2435, CISM 1110 and CISM 1120 or permission of the instructor.

INDS 3238**Textiles for Interiors: 3-0-3**

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): INDS 2430.

INDS 3431**History of Interiors: 3-0-3**

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 the contemporary movement.

INDS 3434**Lighting: 2-2-3**

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 aesthetic components. Prerequisite(s): A minimum grade of "C" in INDS 3435 and INDS 2430.

INDS 3435**Design Studio II: 1-4-3**

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 INDS 2435 and INDS 2436; and prior or concurrent enrollment with a minimum grade of "C" in INDS 2437.

INDS 3436**Design Studio III: 1-4-3**

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 INDS 2437, INDS 3435, and prior or concurrent enrollment in INDS 3437 and ART 1030.

INDS 3437**Interior Design CAD II: 3-0-3**

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 INDS 2437 and INDS 3435.

INDS 3438**Professional Practices I: 3-0-3**

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): A minimum grade of "C" in INDS 3435.

INDS 3530**Sustainable Materials and Methods for the Interior Environment: 3-0-3**

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. Prerequisite(s): A minimum grade of "C" in TCGT 1530 and INDS 2436 or permission of instructor.

INDS 4430**Digital Presentation and Communication: 3-2-3**

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): A minimum grade of "C" in INDS 2437, INDS 3437, and INDS 3436.

INDS 4434**Professional Practices II: 3-0-3**

Business development and procedures, project management, contract administration, contract documents and specifications, and design contracts will be the focus of this advanced level of business procedures and practices. Research of contemporary social, political, and ecological issues in the global marketplace will be explored. Prerequisite(s): INDS 3436, INDS 3438, and INDS 4790.

INDS 4435**Design Studio IV: 1-4-3**

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 INDS 3437, INDS 3238, TCM 3320 and INDS 3434; and prior or concurrent enrollment with a minimum grade of "C" in INDS 3438.

INDS 4446**Design Studio V: 2-4-4**

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 INDS 4435, and INDS 4790; and prior or concurrent enrollment with a minimum grade of "C" in INDS 4437.

INDS 4437**Interior Design Portfolio: 2-2-3**

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 INDS 3436; and prior or concurrent enrollment with a minimum grade of "C" in INDS 4435.

INDS 4790**Interior Design Internship:**

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 INDS 3436 and INDS 3438.

INDS 4899**Directed Individual Study: (1-6)-0-(1-6)**

Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor. Prerequisite(s): Permission of instructor.

International Studies (Interdisciplinary)**INTS 2090/2090S****Selected Topics in International Studies: (1-3)-0-(1-3)**

Selected Topics in International Studies.

INTS 2130/2130S**Introduction to International Studies: 3-0-3**

Introductory course intended to provide students with a set of intellectual tools to identify and address the most pressing contemporary global events which are making headlines throughout the world today. In doing so, this course will introduce the concepts of "global" issues, the study of conflict from a regional/cultural perspective, and the study of contemporary events using a "level of analysis" perspective.

INTS 3090/3090S**Selected Topics in International Studies: (1-3)-0-(1-3)**

Selected Topics in International Studies.

INTS 3111H**Honors Thesis Seminar I: 1-0-1**

In a seminar setting, students will conduct readings about the research process with a focus on developing an honors thesis proposal. Prerequisite(s): A minimum grade of "B" in INTS 2130 and Honors student standing.

INTS 3112H**Honors Thesis Seminar II: 1-0-1**

In a seminar setting, students will continue to progress toward researching and writing the honors thesis. Particular emphasis will be given to construction of a comprehensive literature review and research design. Prerequisite(s): A minimum grade of "B" in INTS 3111H and Honors student standing.

INTS 3130/3130S**Contemporary World Cultures: 3-0-3**

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/POLS 3132/3132S**Asian Politics: 3-0-3**

A study of government and politics in the larger countries in Asia. The historical, cultural, religious, and economic factors influencing the political systems of these countries are also studied in this course.

INTS/HIST 3136/3136S**U.S. as a Global Power: 3-0-3**

Studies the history of U.S. foreign relations from the turn of the twentieth century to the present.

INTS 3230/3230S**Global Issues: 3-0-3**

Study of selected global issues and problems facing all nations, states and peoples. Prerequisite(s): INTS 2130.

INTS/PSYC/WGST 3232**Psychology of Gender: 3-0-3**

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.

INTS/EURO/POLS 3234/3234S**Introduction to the European Union: 3-0-3**

This course will introduce students to the history, institutions, policies, and cultures of the European Union and its member states.

INTS/POLS 3236/3236S**International Relations: 3-0-3**

Introduces students to the basic concepts of international relations, including those of war and peace, power, foreign policy, international organizations, 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.

INTS/POLS 3239/3239S**Human Rights in International Relations: 3-0-3**

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.

INTS/HIST/RELS 3250**The Muslim World to Tamerlane: 3-0-3**

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.

INTS/HIST/RELS 3251**The Muslim World Since Genghis Khan: 3-0-3**

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.

INTS 3330**Research Methods in International Studies: 3-0-3**

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/PRCA 3333**International Public Relations: 3-0-3**

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 2330 or permission of instructor.

INTS/JOUR/MMC 3336/3336S**International Media Systems: 3-0-3**

Studies, comparatively, mass media systems around the world. Analyzes media systems in terms of relevant political, social, economic, and cultural factors. Diversity and change in global communication is a main theme, and 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.

INTS/HIST 3338/3338S**Contemporary Europe: 3-0-3**

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.

INTS 3430**International Security Affairs: 3-0-3**

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: 3-0-3**

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/AAST/HIST 3530**History of Africa to 1800: 3-0-3**

Traces the development of significant social, economic and political institutions within precolonial Africa.

INTS/AAST/HIST 3531**History of Africa since 1800: 3-0-3**

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.

INTS/HIST 3532**The Modern Middle East: 3-0-3**

A survey of the major developments in the Middle East since World War I.

INTS/HIST 3534**Modern Southeast Asia: 3-0-3**

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.

INTS/HIST/LAST 3537**Colonial Latin America: 3-0-3**

A political, social, and economic survey of Latin America from its pre-Columbian era to its struggles for independence.

INTS/HIST/LAST 3538/3538S**Modern Latin America: 3-0-3**

A political, social, and economic survey of Latin America from independence to the present.

INTS/POLS 3730**Introduction to United Nations: 3-0-3**

The preamble to the Charter of the United Nations identifies several ambitious goals, which framed the establishment of this international organization, including a desire "to save succeeding generations from the scourge of war" and to promote fundamental human rights, social progress, and economic development. 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.

INTS 4111H**Honors Thesis Seminar III: 1-0-1**

In a seminar setting, students will continue writing and revising their thesis. Prerequisite(s): A minimum grade of "B" in INTS 3112H and Honors student standing.

INTS 4112H**Honors Thesis Seminar IV: 1-0-1**

In a seminar setting, students will continue revising their thesis, with the goal of presenting their research at a professional conference. Prerequisite(s): A minimum grade of "B" in INTS 4111H and Honors student standing.

INTS/POLS 4132**U.S. Foreign Policy: 3-0-3**

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.

INTS/HIST 4133**U.S. Diplomacy: The Cold War: 3-0-3**

Examines the history of U.S. foreign relations from the aftermath of World War II to the collapse of the Soviet Union.

INTS/POLS 4135/4135S**International Organizations: 3-0-3**

An analytical study of the organization, powers, and problems of global and regional international agencies with particular emphasis upon the European Union.

INTS/POLS 4136/4136S**Comparative Politics of Industrialized Nations: 3-0-3**

A systematic review of the empirical and theoretical literature concerning the structure, function, and problems of contemporary governments in developed countries.

INTS/POLS 4137**Industrializing Nations: 3-0-3**

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.

INTS/POLS 4138/4138S**International Terrorism: 3-0-3**

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.

INTS/POLS 4238**International Conflict: 3-0-3**

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/COMS 4330**Rhetoric of International Relations: 3-0-3**

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, dramatic and narrative rhetorical theoretical bases. Prerequisite(s): Junior or Senior standing, or permission of instructors.

INTS 4630**Seminar in International Studies: 3-0-3**

Advanced course focusing on major themes and issues in international relations.

INTS/POLS 4730**Model United Nations: 3-0-3**

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 3730 or POLS 3730, or permission of instructor.

INTS/POLS 4731**Model United Nations II: 3-0-3**

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 4730 or POLS 4730.

INTS 4790/4790S

Internships Abroad: (3-12)-0-(3-12)

Provides practical experience abroad. Students are selected by a departmental process. Prerequisite(s): Permission of the appropriate department chair.

INTS 4890/4890S

Directed Independent Study: (3-9)-0-(3-9)

Concentrated study of a topic or theme of an international nature and scope. Prerequisite(s): Permission of instructor.

INTS 5195/5195S

International Studies Abroad: (3-9)-0-(3-9)

Students will pursue advanced level undergraduate or graduate studies focused on a particular topic or theme in a foreign country. Classroom instruction combined with on-site visits will provide a practical learning experience.

INTS/HIST 5531/5531S

Modern Japan: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

INTS/HIST 5532

Modern China: 3-0-3

Cultural change and continuities of China from 1600 to its response to the West, the rise of the People's Republic, and the Post-Mao present.

INTS/HIST 5533

Economic Rivals: U.S.-EC-Japan: 3-0-3

Contrasts the historical development of business in the U.S., European Community, and Japan from preindustrial times to the present, emphasizing how culture, economics, and politics have shaped business growth and international trade, creating rival capitalists. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

INTS/POLS 5633/5633S

Seminar in International Politics: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): POLS 1101, POLS 2101, and undergraduate coursework in International Politics or permission of instructor.

INTS/POLS 5634

Seminar in Comparative Politics: 3-0-3

Provides a systematic review of the empirical and theoretical literature concerning the structure, function, and problems of contemporary governments in industrializing and industrialized countries. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): POLS 1101, POLS 2101, and undergraduate coursework in Comparative Politics or permission of instructor.

INTS/POLS 5635

Seminar in International Organizations: 3-0-3

An analytical study of the organization, powers, and problems of global and regional international agencies with particular emphasis upon the European Union. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): POLS 1101, POLS 2101, and undergraduate coursework in International Relations or permission of instructor.

Irish Studies (Interdisciplinary)

IRSH 1001/1001S

Gaelic Irish I: 3-0-3

A basic intensive course in the Irish language for beginners with no previous knowledge of the language. Designed to provide an introduction to the sound system of the modern standard language and its orthography as well as to familiarize students with the essentials of grammar, basic idioms, and elementary vocabulary necessary for everyday conversation.

IRSH 2001/2001S

Gaelic Irish II: 3-0-3

An intermediate, intensive course in the Irish language for students who have completed basic Irish language instruction. Designed to provide participants with a sound knowledge of all the main aspects of the grammar of standard Irish, increase their ability to employ the many idioms of the language and develop an acceptable standard of reading.

IRSH 2130/2130S

Introduction to Irish Culture: 3-0-3

This course explores the richness and diversity of the culture of Ireland, where Gaelic, Scots-Irish, and other venerable traditions exist within a globalized modern society and high-tech knowledge economy. Students gain understanding of Ireland's storytelling, theater, art, dance, and song patrimonies; its musical styles, instruments, and performance customs; its indigenous folklore and folkways; its native and colonial-era sports; and its archeology and built environment. They also examine the country's regional, linguistic, religious, and political variety, as well as the tensions and synergies that result from centuries of mixed culture. The course assesses the cultural impact upon Ireland of the vast, worldwide Irish diaspora, and it concludes with informed speculation about the status that traditional Irish cultural forms and practices will have, both at home and abroad, over coming decades.

IRSH 3090/3090S

Selected Topics in Irish Studies: 3-0-3

Designed to provide intensive study of an area related to the geography, history, literature, culture and/or civilization of Ireland and the Irish people including those of Irish descent in the United States.

IRSH/ THEA 3333

Irish Theatre: 3-0-3

Studies the theatre of Ireland from the Abbey Theatre through the present. Covers Irish theatre movement and plays by significant playwrights from W.B. Yeats to Brian Friel. Prerequisite(s): Permission of instructor.

IRSH/FILM 3430

Ireland in Film: 3-0-3

The course will consist of a study of films depicting Ireland and the way it represents Irish history, culture and conflict.

IRSH/HIST 3431

England Since 1603: 3-0-3

A survey of English history from the accession of King James I to the present.

IRSH/POLS 3432

Celtic Identity and Conflict: 3-0-3

This course examines contemporary issues raised by the conflict of Northern Ireland by studying conflicts in the broader historical context of the experience of the Celtic people in Ireland, Scotland, and Wales who sought to preserve their political and cultural identities in the British Isles.

IRSH/ENGL 5235**Irish Literature to 1850: 3-0-3**

The course examines Irish literature from its beginnings in the Gaelic oral tradition to the Great Famine of the 1840s. Students gain clear understanding of how Ireland's colorful and complex history has yielded exceptional prose, poetry, and drama. Matters considered include Ireland's four mythological cycles; its pseudo-historical invasion narratives; and its hagiographies (accounts of saints' lives). Students also study writings that reflect the four major stages of British colonization: Cambro-Norse, Tudor, Jacobean (or Scots-Irish), and Cromwellian. In addition, they explore literary genres specific to Ireland: *dinnseanchas* (place-lore literature); the *aisling* (nationalist vision literature); the *caoineadh* (bardic lament literature); and the *Big House* novel, which often has Gothic overtones. The course exposes participants to other important phenomena, too: the so-called stage Irishman; the peasant archetype; literature of resistance and revolution; and travel writings in the sublime tradition. All texts studied are in English or English translation. Prerequisite(s): ENGL 2111 or ENGL 2112.

IRSH/ENGL 5236/5236H**Irish Literature since 1850: 3-0-3**

Irish Literature since 1850 examines novels, short stories, plays, and poems produced in Ireland since the country's Great Famine. The course explores the Irish Cultural Revival that began in 1884 and lasted until the 1920s. It also considers literature about the revolutionary activity that precipitated the founding of the Irish Free State and Northern Ireland. The course ends by studying literary works that reflect changes in culture and identity caused by Ireland's unprecedented economic boom, which began in the mid-1990s. Students gain knowledge about a range of authors, including James Joyce, William Butler Yeats, Lady Augusta Gregory, George Bernard Shaw, Samuel Beckett, Seamus Heaney, Evan Boland, and others. Prerequisite(s): ENGL 2111 or ENGL 2112.

Science, Teaching and Learning (COE)**ISCI 2001****Life/Earth Science: 3-0-3**

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 1130 and BIOL 1110, or CHEM 1145, or CHEM 1151, or GEOL 1141, or PHYS 1111 and PHYS 1113, or PHYS 2211 and PHYS 1113.

ISCI 2002**Physical Science: 3-0-3**

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 1130 and BIOL 1110, or CHEM 1145, or CHEM 1151, or GEOL 1141, or PHYS 1111 and PHYS 1113, or PHYS 2211 and PHYS 1113.

Information Technology (CEIT)**IT 1130****Introduction to Information Technology: 3-0-3**

An introduction to IT as an academic discipline and the structure of the BS IT degree at Georgia Southern. It also provides students with an introduction to the range of applications of Information Technology, partly through an introduction to the second disciplines available to them. Finally, it introduces students to some of the techniques that they will need for later courses, in particular databases and SQL. Prerequisite(s): Familiarity with productivity tools.

IT 1230**Introduction to Web Technologies: 3-0-3**

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 1430**Web Page Development: 1-2-3**

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 object-oriented design. Prerequisite(s): Familiarity with productivity tools.

IT 2333**IT Infrastructure: 2-1-3**

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 CISM 2530 or IT 1130.

IT 3130**Web Application Design and Development I: 3-0-3**

This course covers design, programming, and implementation of web-based applications. Students will learn to create 3-tier (clientserver-database) web applications using sessions, cookies, and databases to store information. Prerequisite(s): A minimum grade of "C" in IT 1430.

IT 3131**Web Application Design and Development II: 3-0-3**

This course covers modern web applications using client-side programming, server-side programming, third party APIs, and database technology. Prerequisite(s): A minimum grade of "C" in IT 3130 and IT 3233.

IT 3132**Web Software: 3-0-3**

A survey of advanced web software tools used in the development and deployment of web-based systems. Course content includes the use of web authoring, animation, and graphical tools. Prerequisite(s): A minimum grade of "C" in IT 1230 or IT 1430 and Junior standing.

IT 3233**Database Design and Implementation: 2-1-3**

This course provides students with the opportunity to develop a broad knowledge of database design, implementation, and systems development. The course covers data modeling concepts, approaches and techniques, and stages in database development processes (conceptual, logical and physical design). The course also covers methods and approaches used in system analysis and design, including the system development life cycle, prototyping, and rapid application design. To reinforce the course concepts, students will carry out individual and group projects based on real world situations. Prerequisite(s): A minimum grade of "C" in IT 1430, IT 2333, and MATH 2130.

IT 3234**Systems Acquisition Integration and Implementation : 3-0-3**

A study of the system acquisition process, focusing on the use of packaged solutions. COTS (Commercial, Off-the-Shelf), SALC (System Acquisition Life Cycle), ERP (Enterprise Resource Planning), and BPR (Business Process Reengineering) will be covered. Prerequisite(s): A minimum grade of "C" in IT 3233, MATH 1232 or MATH 1441, STAT 2231 or BUSA 3131, and WRIT 2130.

IT 4130**IT Issues and Management: 3-0-3**

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 3234.

IT 4131**Information Technology Capstone Project: 2-1-3**

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 and/or second discipline. Prerequisite(s): A minimum grade of "C" in IT 3234 and senior standing.

IT 4136**Knowledge Discovery and Data Mining: 3-0-3**

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 IT 3233, and STAT 2231 or BUSA 3131.

IT 4234**Datacenter Management: 3-0-3**

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 CISM 3134 and IT 2333.

IT 4335**Network Architecture: 3-0-3**

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 CISM 3134 and IT 2333.

IT 4790**Internship in Information Technology: 0-0-3**

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 Chair.

IT 4830**Special Problems in Information Technology: 0-0-3**

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 the nature of the material covered is determined in consultation with the faculty sponsor. Prerequisite(s): Permission of Director.

IT 4890**Directed Study in Information Technology: 0-0-(1-3)**

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: 3-0-3**

Provides an opportunity for in-depth study of selected topics or emerging area in information technology. Prerequisite(s): Permission of instructor.

IT 5135**Data Analytics: 3-0-3**

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. For graduate students a significant research project will be assigned as a culminating experience. Prerequisite(s): A minimum grade of "C" in IT 3233, or CISM 3135, and STAT 2231 or BUSA 3131.

IT 5235/5235H**Advanced Web Interfaces: 3-0-3**

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. For graduate students a significant research project will be assigned as a culminating experience. Prerequisite(s): A minimum grade of "C" in IT 3130 and IT 3132.

IT 5236**Interactive Web Design and Development: 3-0-3**

This course will cover content based on new technologies that are used by employers and businesses in development and deployment of websites on mobile and small devices as well as personal computers. Also, this course will enable students in the Web and Multimedia Foundations specialization to develop proficiency in advanced and new web technologies that are required by businesses. For graduate students a significant research project will be assigned as a culminating experience. Prerequisite(s): A minimum grade of "C" in IT 3131 and IT 3132.

IT 5433**Information Storage and Management: 3-0-3**

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. For graduate students a significant research project will be assigned as a culminating experience. Prerequisite(s): A minimum grade of "C" in CISM 3134 and IT 2333.

IT 5434**Network Security Fundamentals: 3-0-3**

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 fields 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 CISM 3134 and IT 2333.

Instructional Technology (COE)**ITEC 3130****Instructional Technology for Early Childhood Education: 3-0-3**

This course is an introduction to the effective uses of instructional technology for Early Childhood 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 Early Childhood Education pre-service experience.

ITEC 3230**Instructional Technology for Special Education: 3-0-3**

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: 3-0-3**

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 3530**Instructional Technology for Middle Grades Education: 3-0-3**

This course is an introduction to the effective uses of instructional technology for Middle Grades 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 Middle Grades Education pre-service experience.

Japanese (CLASS)**JAPN 1001/1001S****Elementary Japanese I: 3-0-3**

Introduction to listening, speaking, reading, and writing in Japanese and to the culture of Japanese-speaking regions.

JAPN 1002/1002S**Elementary Japanese II: 3-0-3**

Continued listening, speaking, reading, and writing in Japanese with further study of the culture of Japanese-speaking regions. Prerequisite(s): JAPN 1001 or equivalent.

JAPN 1060/1060S**Accelerated Elementary Japanese: 6-0-6**

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 2001/2001S**Intermediate Japanese I: 3-0-3**

Building upon communication skills (understanding, speaking, reading, and writing Japanese) and cultural understanding, developed at the elementary level. Prerequisite(s): JAPN 1001 and JAPN 1002 or equivalent.

JAPN 2002/2002S**Intermediate Japanese II: 3-0-3**

Continued focus on communication skills and cultural understanding. Prerequisite(s): JAPN 2001 or concurrent enrollment in JAPN 2001 or equivalent.

JAPN 2060/2060S**Accelerated Intermediate Japanese: 6-0-6**

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): Completion of JAPN 1002 or the equivalent.

JAPN 3090/3090S**Selected Topics in Japanese: (1-3)-0-(1-3)**

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): JAPN 2002.

JAPN 3110/3110S**Conversation Table: 1-0-1**

This course consists primarily of guided conversation in Japanese, based on current issues as reflected in contemporary journals and newspapers.

JAPN 3130/3130S**Japanese Conversation: 3-0-3**

Continued development of all five competencies: listening, speaking, reading, writing and culture, with special emphasis on conversational skill. Prerequisite(s): JAPN 2002.

JAPN 3131/3131S**Reading Japanese: 3-0-3**

Introduction to the Japanese language with an emphasis on reading skills. Continued development of all five skills: listening, speaking, reading, writing and culture. Prerequisite(s): JAPN 2002 or equivalent.

JAPN 3230/3230S**Modern Japanese Literature in Translation: 3-0-3**

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 3330/3330H/3330S**Japanese Cultural Patterns: 3-0-3**

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): JAPN 2002 or equivalent.

JAPN 3331/3331H/3331S**Japanese Culture for Americans: 3-0-3**

Introduction to the Japanese culture, values, society, customs, and the language for American students. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

JAPN 3530/3530S**Business Japanese: 3-0-3**

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): JAPN 2002 or equivalent.

JAPN 4790/4790S**Internship in Japan: (1-15)-0-(1-15)**

Internship in Japan. Prerequisite(s): Permission of instructor and department chair.

JAPN 4890/4890S**Directed Study: 3-0-(3-12)**

Directed study in Japanese.

Journalism (CLASS)**JOUR 2331****Introduction to Journalism: 3-0-3**

An introductory study of the role of journalism, with fundamental instruction and practice in writing for the mass media. Prerequisite(s): ENGL 1101 or a minimum grade of "C" in ENGL 1160.

JOUR 3030**Selected Topics in Journalism: 3-0-3**

Offers various courses in speciality areas of journalism. Prerequisite(s): Permission of instructor.

JOUR 3331**News Reporting and Writing: 3-0-3**

Provides theory, instruction, and practice in a variety of news gathering and writing forms and independent assignments. Prerequisite(s): JOUR 2331.

JOUR 3332/3332S**Feature Writing: 3-0-3**

Surveys the gathering and writing of various forms of feature stories and in-depth news stories for newspapers and magazines, emphasizing research, investigation, and interview techniques.

JOUR 3333**Photojournalism: 3-0-3**

Offers theory, instruction, and practice in the process of conducting photo assignments for the print media, with special emphasis on gathering and editing pictorial material for newspapers and magazines. Prerequisite(s): JOUR 2331 or permission of instructor.

JOUR/MMC 3334**Broadcast News: 3-0-3**

Provides students with techniques and experiences in facets of gathering and presentation of news and interviews for radio and television newscast presentation. Prerequisite(s): A minimum grade of "C" in JOUR 2331 and MMC or JOUR major.

JOUR 3335/3335H**Copy Editing: 3-0-3**

Provides instruction and practice in the fundamentals of news editing, including copy editing, grammar, journalistic style, headline writing, photo editing, and basic typography, with emphasis on editing the weekly and daily newspaper. Prerequisite(s): JOUR 2331.

JOUR/INTS/MMC 3336/3336S**International Media Systems: 3-0-3**

Studies, comparatively, mass media systems around the world. Analyzes media systems in terms of relevant political, social, economic, and cultural factors. Diversity and change in global communication is a main theme, and 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.

JOUR/MMC 3337**Law and Ethics of Mass Communication: 3-0-3**

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): COMM 2332.

JOUR/MMC 3430**Media Management and Sales: 3-0-3**

This course studies the organization and operation of media operations' policies and procedures. Examines 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 JOUR 2331, MMC or JOUR major status or 2.5 institutional GPA.

JOUR/MMC 3530**Media Ethics: 3-0-3**

The study of moral and professional conduct within various mass communication contexts. 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 COMM 2332.

JOUR 3631**Fundamentals of Multimedia Production: 3-0-3**

Focuses on new forms of journalism based on the Internet and other digital platforms. Examines the digital revolution and the creation of a global information society, with a special focus on the effects upon journalism, such as computer-assisted reporting in the area of news gathering, and media convergence in news dissemination. Prerequisite(s): A minimum grade of "C" in JOUR 2331, JOUR major or IT second discipline students and 2.35 GPA.

JOUR 3711/3711S**Journalism Practicum: 1-0-1**

Provides limited overview and supervised practical experience in print journalism through the Office of Student Publications. A maximum of three hours will be applied towards the journalism major. Prerequisite(s): ENGL 1101 or a minimum grade of "C" in ENGL 1160 and permission of instructor.

JOUR/AMST/MMC 4331**History of Mass Communication: 3-0-3**

This course surveys the history of newspapers, magazines, radio and television, with emphasis upon their correlations with political, social, and economic trends in America. Prerequisite(s): A minimum grade of "C" in COMM 2332.

JOUR 4333**Opinion Journalism: 3-0-3**

Analyzes the principles and roles of the various forms of opinion in journalism, including editorials, columns, and cartoons; and offers practice in the research and writing of opinion. Prerequisite(s): JOUR 2331 or permission of instructor.

JOUR 4334/4334S**Magazine Writing and Editing: 3-0-3**

Provides instruction in magazine journalism, from editing to production techniques, circulation, art, advertising and audience analysis.

JOUR 4335**Investigative Journalism: 3-0-3**

This course focuses students' skills and attention on the methods, ethics and imperatives of in-depth reporting which is designed to reveal hidden and/or systemic problems within a readership's community. Prerequisite(s): JOUR 3331.

JOUR 4336**Online Journalism: 3-0-3**

In this course, students will examine the emerging forms of news delivery over the World Wide Web. They will practice real time reporting and writing on the Internet by utilizing basic multimedia elements such as texts, graphics, sound and animation. 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 JOUR 3331.

JOUR 4711**Journalism Practicum: 1-2-1**

Serves as a capstone course focusing on the development of a series of journalistic pieces on a single topic for presentation to the mass audience. Attention is given to journalistic research as well as various journalism writing and reporting formats. Prerequisite(s): ENGL 1101 or a minimum grade of "C" in ENGL 1160 and permission of instructor.

JOUR 4712**Journalism Capstone: 1-0-1**

Journalism capstone course that draws upon students' previous work within the program to generate a portfolio of material that can both demonstrate and confirm aptitude in the disciplines' skill sets and re-emphasize the overall critical importance of journalism in the life of a democratic people. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in JOUR 4333 and JOUR 4335.

JOUR 4791**Journalism Internship: (3-15)-0-(3-15)**

Provides journalism majors with supervised practical experience on a full-time basis at an approved media site. Students must have permission of instructor. Prerequisite(s): JOUR 3332, JOUR 3335, JOUR 4335, and permission of instructor.

JOUR 4831**Directed Study in Journalism: 3-0-3**

Permits students to conduct in-depth studies of issues associated with journalism but may not replace an existing course in the catalog. Prerequisite(s): Permission of instructor and department chair.

Kinesiology (CHHS)**Physical Activity Program**

All students are required to take two, one-hour, physical activity courses. The goal of the Physical Activity Program is to help each student attain and maintain a degree of physical fitness and motor skill, as well as, develop an interest in lifetime physical activity. This goal is accomplished through imparting knowledge, movement techniques, strategies and rules of exercise, sport and physical activities. All courses are one credit hour. All students are required to read and sign the Departmental Agreement to Participate Form prior to the first day of activity. All activities are taught at the beginning level unless described otherwise. The following courses require additional fees: KINS 1115, KINS 1216, KINS 1310, KINS 1318, KINS 2115, KINS 2216, KINS 2310, KINS 2318. Please contact the Healthful Living and Physical Activity Programs Office (Hollis 1104) for detailed descriptions of all physical activity courses and for specifics regarding courses that require additional fees. Proficiency testing may be used to substitute for selected courses. Proficiency testing is offered during the 10th week of Fall and Spring Semesters. Students wishing to satisfy the physical activity requirement through proficiency testing must contact the Healthful Living and Physical Activity Programs Office (Hollis 1104) prior to the test date. Courses may not be repeated for credit. A maximum of five physical activities may be applied to the 126 hours required for a degree. Course offerings are listed below:

KINS 1090/1090S**Selected Topics in Physical Activity: 0-2-1**

Provides an introduction to alternative physical activity courses.

KINS 1110

Aerobics: 0-2-1

KINS 1111

Aerobic Cross Training: 0-2-1

KINS 1112/1112S

Badminton: 0-2-1

KINS 1113

Basketball: 0-2-1

KINS 1114

Body Conditioning: 0-2-1

KINS 1115

Bowling: 0-2-1

KINS 1116

Canoeing: 0-2-1

KINS 1117

Dance: Ballet: 0-2-1

KINS 1118

Dance: Clogging: 0-2-1

KINS 1119

Dance: Country Western: 0-2-1

KINS 1210

Dance: Folk: 0-2-1

KINS 1211

Dance: Line: 0-2-1

KINS 1212/1212S

Dance: Modern: 0-2-1

KINS 1213/1213S

Dance: Social: 0-2-1

KINS 1214

Dance: Square: 0-2-1

KINS 1215

Dance: Tap: 0-2-1

KINS 1216

Equestrian: 0-2-1

KINS 1217

Fencing: 0-2-1

KINS 1218

Fitness Walking: 0-2-1

KINS 1219

Football: Flag: 0-2-1

KINS 1310

Golf: 0-2-1

KINS 1311

Jogging: 0-2-1

KINS 1312

Outdoor Education Activities: 0-2-1

KINS 1313

PA for People with Disabilities I: 0-2-1

KINS 1314

PA for People with Disabilities II: 0-2-1

KINS 1315

PA for People with Disabilities III: 0-2-1

KINS 1316

PA for People with Disabilities IV: 0-2-1

KINS 1317

Racquetball: 0-2-1

KINS 1318

Scuba: 0-2-1

KINS 1319/1319S

Self Defense: 0-2-1

KINS 1410

Soccer: 0-2-1

KINS 1411
Softball: 0-2-1

KINS 1412
Swimming: 0-2-1

KINS 1413
Swimming: Aquatic Aerobics: 0-2-1

KINS 1414
Swimming: Fitness: 0-2-1

KINS 1415
Tennis: 0-2-1

KINS 1416
Tumbling: 0-2-1

KINS 1417/1417S
Volleyball: 0-2-1

KINS 1418
Weight Training: 0-2-1

KINS 1419
Water Safety: Survival Swimming: 0-2-1

KINS 1510
Mountaineering: 0-4-1

KINS 1511
Ultimate Frisbee: 0-2-1
A course designed to introduce basic ultimate Frisbee skills and knowledge.

KINS 1513
Swing/Shag: 0-2-1
A course designed to introduce basic Swing/Shag Dance skills and knowledge.

KINS 1515
Fitness for Life: 0-2-1
A course designed to introduce basic of weight management through exercise and nutritional education.

KINS 2110
Aerobics: Intermediate: 0-2-1

KINS 2112
Badminton: Intermediate: 0-2-1

KINS 2113
Basketball: Intermediate: 0-2-1

KINS 2115
Bowling: Intermediate: 0-2-1

KINS 2117
Dance: Ballet Intermediate: 0-2-1

KINS 2213
Dance: Social Intermediate: 0-2-1

KINS 2216
Equestrian: Intermediate: 0-2-1

KINS 2217
Fencing: Intermediate: 0-2-1

KINS 2219
Football: Flag Intermediate: 0-2-1

KINS 2310
Golf: Intermediate: 0-2-1

KINS 2317
Racquetball: Intermediate: 0-2-1

KINS 2318
Scuba: Intermediate: 0-2-1

KINS 2319
Self Defense: Intermediate: 0-2-1

KINS 2321
Clinical Skills in Athletic Training I: 0-6-2
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, bracing and pad fabrication, skills in emergency and non-emergency life threatening injury and illness care. Prerequisite(s): Athletic Training major status.

KINS 2322
Clinical Skills in Athletic Training II: 0-6-2
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: 0-2-1

KINS 2411
Softball: Intermediate: 0-2-1

KINS 2412
Swimming: Intermediate: 0-2-1

KINS 2415
Tennis: Intermediate: 0-2-1

KINS 2417
Volleyball: Intermediate: 0-2-1

KINS 2418
Weight Training: Intermediate: 0-2-1

KINS 2419
Swimming: Water Polo: 0-0-1

KINS 2420
Lifeguard Training: 2-0-2
Prepares students to meet the requirements of the American Red Cross and qualify for certification as a lifeguard.

KINS 2421
Water Safety Instruction: 2-0-2
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: 1-4-3
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: 0-3-1

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: 0-3-1

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 2532. 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: 3-0-3

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 cell biology; histology; the integumentary, skeletal, muscular, and nervous systems; special senses; and the endocrine system.

KINS 2532

Human Anatomy and Physiology II: 3-0-3

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 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 3111H

Kinesiology Honors Thesis Seminar I: 1-0-1

This is a seminar course that prepares students to complete a senior honors thesis proposal. The student will develop a research topic, a review of literature, and first draft of a research proposal. Prerequisite(s): Honors student standing.

KINS 3112H

Kinesiology Honors Thesis Seminar II: 1-0-1

This is the second seminar course, students will complete the final research proposal, develop and defend an oral presentation of their research proposal, and complete IRB and IBC forms necessary to collect data for their Senior Honors Thesis. Prerequisite(s): Honors student standing.

KINS 3130

Research Methods in Kinesiology: 3-0-3

Introduces the student to fundamental principles underlying research methods in kinesiology. Included will be basic procedures for conducting experimental, descriptive, historical, qualitative research, computer applications, basic measurement concepts, statistical methods, critical thinking and scholarly writing.

KINS 3131

Biophysical Foundations of Human Movement: 2-3-3

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 2531/KINS 2511 and KINS 2532/KINS 2512.

KINS 3132

Foundations of Exercise and Sport Psychology: 3-0-3

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: 3-0-3

Focuses on the nature of motor skill performance, motor skill learning, and the factors influencing motor skill acquisition. Prerequisite(s): PSYC 1101, KINS 3131 or permission of instructor.

KINS 3321

Clinical Applications in Athletic Training I: 0-6-2

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 3322

Clinical Applications in Athletic Training II: 0-6-2

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 3321 and Athletic Training major status.

KINS 3330

Prevention of Injury and Illness in Athletic Training: 3-0-3

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 KINS 2531, KINS 2511, KINS 2532, and KINS 2512; HLTH 2120 for non-Athletic Training majors.

KINS 3331

Pathology and Care of Athletic Injury and Illness: 3-0-3

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: 1-3-2

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: 1-3-2

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: 1-3-2

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: 1-3-2**

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: 3-0-3**

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: 3-0-3**

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: 1-4-3**

Provides the introduction to a developmentally appropriate approach to teaching the elementary physical education content (gymnastics, games, and dance). Focus is on gymnastic 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: 1-4-3**

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" in KINS 3432.

KINS 3435**Life Span Motor Development: 3-0-3**

Develops the ability to survey the developmental perspective of motor development, the knowledge of changing motor behavior, the knowledge of the factors affecting motor development and the ability to apply information about motor development sequences and developmental constraints analysis to the teaching of motor skills. Prerequisite(s): Admission into Teacher Education Program in Health and Physical Education.

KINS 3436**Performance and Technique in Physical Activity I: 1-4-3**

Enhances the knowledge, skill, and understanding of activities and games 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 Teacher Education Program in Health and Physical Education.

KINS 3437**Performance and Technique in Physical Activity II: 1-4-3**

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 strategies for incorporating these activities into the middle and high school curriculum. Skill, strategy and conceptual transfer, across activities will be identified to enhance learner skillfulness and adaptability. Content focus will be on activities which develop social dance, teamwork, communication and outdoor/adventure skills and 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. This course will involve two weekend adventure experiences. Prerequisite(s): Admission into Teacher Education Program in Health and Physical Education and a minimum grade of "C" in KINS 3436.

KINS 3541**Structural Kinesiology: 3-3-4**

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, KINS 2512, KINS 2531, and KINS 2532.

KINS 3542**Physiological Aspects of Exercise: 3-3-4**

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 3541.

KINS 3543**Biomechanical Analysis of Movement: 3-3-4**

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 3541, PHYS 1111, and PHYS 1113.

KINS 4099**Selected Topics in Kinesiology: (1-3)-0-(1-3)**

Provides the student with in-depth study of selected topics in kinesiology. Prerequisite(s): Permission of instructor.

KINS 4111H**Kinesiology Honors Thesis Seminar III: 1-0-1**

In a seminar setting, students will continue writing and revising their thesis. This course provides the student with the opportunity to revise the manuscript proposal based upon previous work in Honors Thesis Seminar I and II. Student will be guided through primary data collection and analysis. Student will complete writing the first draft of the Research Manuscript. Prerequisite(s): Honors student standing.

KINS 4112H**Kinesiology Honors Thesis Seminar IV: 1-0-1**

Students will complete an Honor's Research thesis and successfully defend their original research project to their Research Director and Research Committee. Revisions to the Honor's 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 and/or a regional professional conference. Finally, students will submit the final Research Manuscript for publication in a professional peer reviewed journal. Prerequisite(s): Honors student standing.

KINS 4130**Administrative Principles in Kinesiology: 3-0-3**

Focuses on the study of the processes of planning, organizing, directing and controlling the functioning of movement based professions (exercise science, athletic training).

KINS 4131

Population Health Care Strategies: 3-0-3

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.

KINS/HLTH/NTFS 4195S

International Studies Abroad in Health and Kinesiology: (3-9)-0-(3-9)

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. Undergraduate Prerequisite(s): Junior or Senior status.

KINS 4231

Fitness Evaluation and Exercise Prescription: 2-3-3

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): HLTH 1520, KINS 3541; and prior or concurrent enrollment with a minimum grade of "C" in KINS 3542 or permission of instructor.

KINS 4330

Evaluation of Lower Extremity Injuries: 3-0-3

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: 3-0-3

Presents 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.

KINS 4332

Therapeutic Modalities in Athletic Training: 3-0-3

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 1111, PHYS 1112, and KINS 3331.

KINS 4333

Therapeutic Exercise and Rehabilitation: 3-0-3

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 4330. Corequisite(s): KINS 4331.

KINS 4334

General Medical and Pharmacological Issues in Athletic Training: 3-0-3

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 and KINS 3331.

KINS 4420

Sport Conditioning Laboratory: 1-3-2

Prepares students to undertake responsibilities in the areas of coaching, fitness programming and or related areas.

KINS 4421

Principles of Officiating: 1-3-2

Provides the prospective coach with the knowledge and understanding of principles and basic techniques of officiating selective sports.

KINS 4430

Instructional Design in Health and Physical Education for Elementary Students: 3-0-3

Develops 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. Prerequisite(s): ESED 3231. Corequisite(s): EDUF 3232.

KINS 4431

Instructional Design in Health and Physical Education for Middle and High School Students: 3-0-3

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): KINS 4430.

KINS 4432

Adapted Physical Education: 3-0-3

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 "C" in KINS 4430 and admission to Teacher Education Program. Corequisite(s): KINS 4431.

KINS 4617

Senior Seminar in Health and Physical Education: 1-0-1

Provides 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. Prerequisite(s): Completed all required coursework in the Health and Physical Education major. Corequisite(s): EDUF 4799.

KINS 4618

Senior Seminar in Athletic Training: 1-0-1

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 4619

Senior Seminar in Exercise Science: 1-0-1

Provides senior level exercise science students with a colloquium in which to discuss current issues and topics, with a focus on professional ethics, professional employment opportunities, internships, development and growth and current research themes within the profession. The course also includes preparation for the internship experience. Prerequisite(s): Senior level Exercise Science major status.

KINS 4721

Clinical Practicum in Athletic Training I: 2-0-2

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: 2-0-2**

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: 3-0-3**

Provides the student with supervised coaching experience in a sport. Prerequisite(s): Beginning coaching course in the sport or permission of instructor.

KINS 4735**Practicum in Exercise Science: 3-0-3**

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: 12-0-12**

Provides the senior level Exercise Science major student with a practical experience in an appropriate exercise setting. Prerequisite(s): KINS 4619.

KINS 4899**Directed Individual Study: (1-3)-0-(1-3)**

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: 6-0-6**

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.

Latin American Studies (Interdisciplinary)**LAST 3090/3090S****Selected Topics in Latin America: 3-0-3**

Designed to provide intensive study of an area relating to the geography, history, culture and/or civilization of Latin America.

LAST/POLS 3133/3133S**Latin American Politics: 3-0-3**

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.

LAST/HIST/INTS 3537**Colonial Latin America: 3-0-3**

A political, social, and economic survey of Latin America from its pre-Columbian era to its struggles for independence.

LAST/HIST/INTS 3538/3538S**Modern Latin America: 3-0-3**

A political, social, and economic survey of Latin America from independence to the present.

LAST/ANTH 4135/4135S**Mesoamerican Archeology: 3-0-3**

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): ANTH 1102 or permission of instructor.

LAST/SPAN 4231**Spanish American Life, Literature, and Thought: 3-0-3**

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 3630 or permission of instructor.

LAST/GEOG 4232**Geography of Latin America: 3-0-3**

Study of the physical, cultural and economic geography of Latin America, including Mexico.

LAST 4890**Seminar in Latin American Studies: 3-0-3**

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. Prerequisite(s): Contemporary World Cultures plus three upper division courses with significant Latin American dimension in at least two disciplines other than the major.

LAST/SPAN 5232**Studies in Hispanic Societies: 3-0-3**

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. Graduate students must produce an extra paper/project, give an extra conference-length presentation, and conduct extra research that is not required of the undergraduate students. Course repeatable for credit with advisor approval. Prerequisite(s): A minimum grade of "C" in one 4000-level Spanish course or permission of instructor.

Latin (CLASS)**LATN 1001/1001S****Elementary Latin I: 3-0-3**

Introduction to the Latin language: pronunciation, fundamentals of grammar, reading, and translation.

LATN 1002/1002H**Elementary Latin II: 3-0-3**

Continued study of Latin grammar and syntax begun in Latin 1001, with further reading and translation. Prerequisite(s): LATN 1001 or equivalent.

LATN 1060**Accelerated Elementary Latin: 6-0-6**

An accelerated introduction to the Latin language: pronunciation, fundamentals of grammar, reading, and translation.

LATN 2001**Intermediate Latin I: 3-0-3**

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): LATN 1001 and LATN 1002 or equivalent.

LATN 2002**Intermediate Latin II: 3-0-3**

Continued reading of Roman authors with emphasis on poetry. Prerequisite(s): LATN 2001 or concurrent enrollment in LATN 2001 or equivalent.

LATN 2060**Accelerated Intermediate Latin: 6-0-6**

Accelerated intermediate Latin with continued work on pronunciation, fundamentals of grammar, reading, and translation.

LATN 3030/3030S**Selected Topics in Latin: (1-3)-0-(1-3)**

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): LATN 2002.

LATN/WGST 3330/3330S**Roman Women: 3-0-3**

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.

LATN 3131**Latin Authors: 3-0-3**

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): Two Latin courses at the 2000 level.

LATN 4890**Directed Study in Latin: (1-15)-0-(1-15)**

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): Two Latin courses at the 3000 level.

Leadership (CLASS)**LEAD 1000****Self-Leadership: 0-0-0**

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 2000**Collaborative Leadership: 1-0-0**

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 2031/2031S**Principles of Leadership: 3-0-3**

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 ENGL 1160.

LEAD 3000**Community Leadership: 1-0-0**

Building on the foundations built in their studies of self and collaborative leadership, students will expand their understanding of leadership into the context of service to others for the benefit of the larger community. Topics considered will include servant leadership, social entrepreneurship, vision development, and leading change.

Linguistics (Interdisciplinary)**LING/WRIT 2430****Essential Grammar for Successful Writing: 3-0-3**

Offers review and reinforcement of grammar, punctuation, and rules of writing used in both academics and the professions. Challenges students to learn grammar and punctuation well enough that they feel confident with their language skills. Emphasizes paragraph and essay-level writing through drafting, revision, and editing.

LING/WRIT 2090**Selected Topics in Writing and Linguistics: (1-3)-0-(1-3)**

Introduces students to one or more topics preliminary to study of more specialized areas of Writing and Linguistics.

LING 3030/3030S**Selected Topics in Linguistics: 3-0-3**

Offers varied courses in specialized areas of the field of linguistics. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

LING 3031**Phonology: 3-0-3**

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, including nonlinear phonology and current optimality approaches. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

LING 3032**Syntax: 3-0-3**

A broad introduction to syntactic theory within historical and contemporary approaches to language and linguistic representation. Exploration of language as a systematic structure drawing on the Generative Transformational models complemented by the Minimalist paradigm. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

LING/ANTH/POLS/AAST 3337**Language, Power, Politics: 3-0-3**

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 or ENGL 1160.

LING/POLS 3338**Language and Law: 3-0-3**

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 or ENGL 1160.

LING/FORL 3533**Introduction to Language: 3-0-3**

A general introduction to the nature and structure of language and its role in society.

LING/PSYC 3534**Psychology of Language: 3-0-3**

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, LING 3533, LING 3630, or permission of instructor.

LING 3630**Language and Linguistic Theory: 3-0-3**

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 or ENGL 1160.

LING/AAST/AMST/ANTH 4133

Gullah and Geechee Language and Culture: 3-0-3

This 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" ENGL 1102 or ENGL 1160.

LING 4333/4333S

Semantics: 3-0-3

Focuses on language analysis applied to practical problems of communication in contemporary society. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

LING/WRIT 5130

Modern English Grammar: 3-0-3

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. 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 or ENGL 1160.

LING/WRIT 5330

History of English Language: 3-0-3

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 or ENGL 1160.

LING/ANTH/WRIT 5530

Sociolinguistics: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or SOCI 1101.

Logistics (COBA)

LOGT 3231

Principles of Transportation: 3-0-3

An introduction to the principles of transportation with emphasis on transportation modal and intermodal operations (rail, highway, air, water, and pipeline transportation) and transportation management. Consideration is given to the economic, social, political and international aspects of the transportation industry. The role of logistics information technology in modern global transportation systems is introduced via topics including electronic data interchange, global positioning systems, and intelligent transportation systems. Prerequisite(s): Junior standing.

LOGT 3232

Business Logistics: 3-0-3

An introduction to and study of the fundamentals of logistics and supply chain management. Course coverage includes the flow of raw materials, work-in-progress, and finished goods through the supply chain. Particular emphasis is given to the design of channels of distribution, management of inventory, evaluation of transportation alternatives, information flow, facility location, outsourcing and third-party relationships, and the rapidly expanding field of logistics information technology. Prerequisite(s): Junior standing.

LOGT 4030

Special Topics in Logistics: 3-0-3

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 3231 and LOGT 3232.

LOGT 4231

Logistics and Intermodal Transportation Operations: 3-0-3

An examination of the design and management of supply chain operations in selected logistics settings. Particular emphasis is placed upon the areas of traffic management, carrier operations, carrier selection and contract negotiation, and warehousing. Each area is analyzed in terms of organizational differences, operational processes, variations in information needs, and performance control mechanisms. Prerequisite(s): LOGT 3232.

LOGT 4232

International Logistics: 3-0-3

An examination of the many differences between domestic and international supply chain management activities and functions. Considerable emphasis is placed upon the importance of ocean shipping and air transportation and their impact on international trade and global trade patterns. Other topics covered include INCOTERMS (international commercial terms), the use of EDI (electronic data interchange) in international transactions, the management of ocean carriers, the import/export process, the role of international agents and forwarders, and international sourcing decisions. Prerequisite(s): LOGT 3231.

LOGT 4233

Logistics Executive in Residence: 3-0-3

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 3231, LOGT 3232, LOGT 4231, and LOGT 4232.

LOGT 4234

Analytical Tools in Logistics: 3-0-3

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 3231 and LOGT 3232. Corequisite(s): LOGT 4231.

LOGT 4263

Seminar in Intermodal Distribution: 3-0-3

This course requires knowledge of a wide range of logistics terms and concepts. Students are required to read extensively from the current literature in the field and to demonstrate proficiency in sourcing intermodal information via electronic media. A major research project is an integral part of the course, involving the analysis of organizations and/or topics directly related to intermodal distribution. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in LOGT 4231 or LOGT 4232.

LOGT 4830

Special Problems in Logistics: 3-0-3

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 3231 and LOGT 3232 or permission of instructor.

LOGT 4790

Internship in Logistics: (3-6)-0-(3-6)

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 firm pre-approval by the faculty. Prerequisite(s): LOGT 3231 or LOGT 3232 and approval of the supervising faculty member.

LOGT 4890**Directed Study in Logistics and Intermodal Transportation: 3-0-3**

Independent study and research in selected areas of Logistics and Intermodal Transportation under supervision of a member of the LOGT faculty. Prerequisite(s): Approval of the instructor and department chair.

Legal Studies (COBA)**LSTD 2106/2106H/2106S****Legal Environment of Business: 3-0-3**

Business operates in a domestic and global environment shaped by social and economic forces, made to operate on managers through government regulation and incentives. This course presents an introduction to those factors in the environment of business that shape and affirm American capitalism. Prerequisite(s): Completion of at least 24 semester hours including a minimum grade of "C" in ENGL 1101 or ENGL 1160.

LSTD 3130/3130S**International Trade Regulation: 3-0-3**

This course presents fundamentals of international trade operations, providing students with the experience of regulatory compliance while conducting the business of exporting. Prerequisite(s): Permission of instructor.

LSTD 3230**Building Construction Law: 3-0-3**

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 regulation of the building construction industry. Prerequisite(s): 30 credit hours of Building Construction and Contracting courses or permission of instructor.

LSTD 3630**White Collar Crime: 3-0-3**

This course examines the US criminal justice system along with its response to the escalating incidence of white-collar crime. Other topics include understanding human behavior, theories of crime causation, organization crime, occupational crime, and the constitutional rights of white-collar criminals. Prerequisite(s): Completion of a minimum of 55 semester hours.

LSTD 3631**Fraud and the Law: 3-0-3**

Fraud-fighting professionals must understand the laws governing a fraud investigation as it moves through the US legal system. This course examines the numerous legal issues associated with conducting fraud investigations including the federal rules of civil and criminal procedure along with issues involving discovery and evidence admissibility. Prerequisite(s): Completion of a minimum of 55 semester hours.

LSTD/MGNT 4334**Workplace Legislative Compliance: 3-0-3**

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.

LSTD 4633**Forensic Interviews and Interrogations: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): Completion of a minimum of 45 semester hours.

LSTD 4830**Special Problems in Legal Studies: 0-0-3**

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. Prerequisite(s): Permission of director.

LSTD 4890**Directed Study in Legal Studies: 0-0-(1-3)**

Designed for independent study and research in selected areas of legal studies under faculty supervision. Prerequisite(s): Permission of department chair or director.

Mathematics (COSM)**MATH 0091****Algebra Lab: 1-0-1**

Provides additional instruction on selected topics from MATH 1111 and is open to all students. MATH 0091 is a required course for any student who makes below a "C" in MATH 1111. Students required to take MATH 0091 must take it concurrently with MATH 1111 until they make at least a "C" in MATH 1111. Topics covered include a study of functions, equations, graphing, and operations with polynomial, rational and radical expressions. Also included are appropriate study skills and the use of technology. (Corequisite(s): MATH 1111) Audit or institutional credit only.

MATH 0097**Beginning Algebra: 4-0-4**

The first of two courses designed for students who are not prepared to enter a college core curriculum mathematics course: MATH 0097 consists of a study of the structure of the real number system, properties of real numbers, first degree equations and inequalities, applications, exponents, polynomials, functions and graphs. Students will be placed in MATH 0097 based on their score on a placement exam. Students will be allowed a maximum of 2 semesters to meet exit requirements for MATH 0097. Audit or institutional credit only.

MATH 0099**Intermediate Algebra: 4-0-4**

The second of two courses designed for students who are not prepared to enter a college core curriculum mathematics course: MATH 0099 consists of a study of exponents, polynomials, rational expressions, equations, inequalities, radicals, graphing and functions. A student must demonstrate mastery of material taught in MATH 0097 prior to enrolling in MATH 0098. A student may exit at the end of any semester by passing the course with a "C" or better and meeting any system requirements. Audit and institutional credit only.

MATH 1101**Introduction to Mathematical Modeling: 3-0-3**

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. Credit cannot be earned toward graduation for MATH 1111 if credit is earned for MATH 1101. Prerequisite(s): Two years of high school algebra or equivalent.

MATH 1111**College Algebra: 3-0-3**

A functional approach to algebra that incorporates mathematical modeling of real data, business applications and use of appropriate technology. Emphasis will be placed on the study of linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions. Credit cannot be earned toward graduation for MATH 1101 if credit is earned for MATH 1111. Prerequisite(s): Two years of high school algebra or equivalent.

MATH 1112**Trigonometry: 3-0-3**

Circular functions, solutions of triangles, trigonometric identities and equations, graphs of trigonometric functions, Law of Sines, Law of Cosines, applications, vectors, matrices, complex numbers, Euler's formula, DeMoivre's theorem. Appropriate technology will be used. Credit may not be received for both MATH 1112 and MATH 1113. Prerequisite(s): A minimum grade of "C" in MATH 1111 or equivalent.

MATH 1113**Pre-Calculus: 4-0-4**

Emphasizes trigonometric functions and concepts and will include a review of selected topics from algebra including systems of equations and matrix algebra. The graphing calculator will be incorporated throughout the course. Prerequisite(s): A minimum grade of "C" in MATH 1111 or equivalent.

MATH 1232**Survey of Calculus: 3-0-3**

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 1111 or MATH 1113 or equivalent.

MATH 1441/1441H**Calculus I: 4-1-4**

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 1112 or MATH 1113, or equivalent.

MATH 2008**Foundations of Numbers and Operations: 3-0-3**

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 1111.

MATH 2010**Problem Solving for K-8 Teachers: 3-0-3**

Students will learn, integrate and apply a variety of problem solving strategies to a range of mathematical problems from algebra, geometry and other areas of mathematics appropriate to the middle grades curriculum. Students will learn, integrate and apply appropriate technology as a tool in the problem solving process. For early childhood and middle grade majors only. Prerequisite(s): A minimum grade of "C" in MATH 3032.

MATH 2130**Discrete Mathematics: 3-0-3**

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, MATH 1112, MATH 1113, MATH 1441, or MATH 2242.

MATH 2242/2242H**Calculus II: 4-1-4**

Includes an introduction to transcendental functions, techniques of integration, improper integrals, infinite series and conics. Prerequisite(s): A minimum grade of "C" in MATH 1441 or equivalent.

MATH 2243/2243H**Calculus III: 4-0-4**

Topics in real valued functions of several variables. Topics include polar coordinates, parametric equations, vectors in two and three dimensions, quadric surfaces, partial derivatives and applications, multiple integrals and

applications, line integrals and Stoke's and Green's theorem. Prerequisite(s): A minimum grade of "C" in MATH 2242 or equivalent.

MATH 2331**Elementary Linear Algebra: 3-0-3**

Matrices, solutions of linear systems, vector spaces and subspaces, orthogonality, determinants, eigenvalues and eigenvectors, linear transformation, diagonalization, and applications. Prerequisite(s): A minimum grade of "C" in MATH 2242.

MATH 2332**Mathematical Structures: 3-0-3**

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: 3-0-3**

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, MATH 2242, PHYS 2211. Corequisite(s): MATH 3230.

MATH 3032**Foundations of Data Analysis and Geometry: 3-0-3**

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 3130**College Geometry: 3-0-3**

A study of absolute and Euclidean geometry. Prerequisite(s): A minimum grade of "C" in MATH 2332.

MATH 3230/3230H**Ordinary Differential Equations: 3-0-3**

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: 3-0-3**

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 equivalent.

MATH 4630**Game Theory: 3-0-3**

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 2331 and MATH 2130 or MATH 2332.

MATH 4825H**Honors Research: 0-0-2**

Independent research under the guidance of a faculty member in the Department of Mathematical Sciences for mathematics majors in the University Honors Program. Students must complete four credit hours over two semesters to complete the honors requirements. Prerequisite(s): Junior level or above; good standing in the University Honors Program.

MATH 4890**Directed Study in Mathematics: (1-3)-(0-2)-(1-3)**

Directed study under faculty supervision. Well prepared math majors may be permitted to enroll in an independent study upon the recommendation of a Mathematics faculty member. Prerequisite(s): Permission of instructor and department chair.

MATH 4920**Undergraduate Seminar: 2-0-2**

A specialized study of various topics in mathematics with the intention to engage students in independent reading, writing and presentation of these topics under the supervision of mathematics faculty. Prerequisite(s): A minimum grade of "C" in MATH 2332 and MATH 2243.

MATH 4929H**Honors Thesis: 0-0-2**

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): A minimum grade of "C" in MATH 4825H, Junior level or above, and good standing in the University Honors Program.

MATH 4930**Senior Research Project: 3-0-3**

Main objective of this course is to engage senior undergraduate students in mathematical, statistical or computer science research and writing. Students will select advisors to work with on their projects. At least one oral presentation on the progress of their research during the semester is required. Also, a final written report on the project as well as a final oral presentation is required. Prerequisite(s): Students must have at least 15 credit hours of upper level mathematics, statistics and/or computer science.

MATH 5090**Selected Topics in Mathematics: (1-3)-(0-2)-(1-3)**

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.

MATH 5130**Statistics and Probability for K-8 Teachers: 3-0-3**

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.

MATH 5135**Algebraic Connections for K-8 Teachers: 3-0-3**

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.

MATH 5136**History of Mathematics: 3-0-3**

A survey of the historical development of mathematics. The emphasis will be on mathematical concepts, problem solving, and pedagogy from a historical perspective. 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 2242 or permission of instructor.

MATH 5137**Geometry for K-8 Teachers: 3-0-3**

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.

MATH 5230**Advanced Geometry: 3-0-3**

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.

MATH 5232**Mathematical Applications Using Technology: 3-0-3**

Selected mathematical topics used in research, problem solving, and demonstrations will be investigated with the use of current technologies. Intended for mathematics education majors. 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 2243 and 3 hours of mathematics at the junior level or above.

MATH 5234**Number Theory: 3-0-3**

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.

MATH 5236**Patterns of Problem Solving: 3-0-3**

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. 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 1441 or permission of instructor.

MATH 5330**Operations Research: 3-0-3**

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. 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 2331 and MATH 3337 or permission of instructor.

MATH 5331**Analysis I: 3-0-3**

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. 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 2243 and MATH 2332.

MATH 5332**Analysis II: 3-0-3**

A continuation of Analysis I, including topics such as Riemann integration, infinite series, sequences and series of functions, metric spaces, and normed spaces. 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 5331/5331G.

MATH 5333**Modern Algebra I: 3-0-3**

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. Graduate students will be given an extra assignment not required of undergraduate students. Prerequisite(s): A minimum grade of "C" in MATH 2332.

MATH 5334**Modern Algebra II: 3-0-3**

A continuation of the study of the fundamental algebraic structures. Topics to be covered include: isomorphism of groups, rings, fields, a deeper study of quotient structures and the isomorphism theorems, field of quotients, factorization of polynomials over a field, arithmetic properties of rings of polynomials over fields, extension fields, algebraic extensions, geometric constructions and the classic problems. Graduate students will be given an extra assignment not required of undergraduate students. Prerequisite(s): A minimum grade of "C" in MATH 5333/5333G.

MATH 5335**Intermediate Linear Algebra: 3-0-3**

General vector spaces and bases, linear operators, least squares problems, eigenvalue problems, and applications of these concepts. 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 2331 and MATH 2332.

MATH 5336**Applied Numerical Methods: 3-0-3**

Introduction to scientific computation. Solutions of linear and nonlinear equations, polynomial interpolation, numerical differentiation and integration, data fitting, and other numerical methods. 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 2331 and knowledge of a programming language.

MATH 5337**Difference Equations: 3-0-3**

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. Graduate students will be given an extra assignment not required of undergraduate students. Prerequisite(s): A minimum grade of "C" in MATH 2242 and MATH 2331.

MATH 5338**Methods of Applied Mathematics: 3-0-3**

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. Graduate students will be given an extra assignment not required of undergraduate students. Prerequisite(s): A minimum grade of "C" in MATH 2331 and MATH 3230.

MATH 5339**Partial Differential Equations: 3-0-3**

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. Graduate students will be given an extra assignment not required of undergraduate students. Prerequisite(s): A minimum grade of "C" in MATH 2243 and MATH 3230.

MATH 5430**Introduction to Mathematical Biology: 3-0-3**

An introduction to applications of mathematics to various biological, ecological, physiological, and medical problems, which will be analyzed both analytically and numerically. Graduate students will be given additional assignments that will not be completed by undergraduate students. Prerequisite(s): A minimum grade of "C" in MATH 3230 or permission of instructor.

MATH 5431**Combinatorics and Graph Theory: 3-0-3**

The course covers basic theory and applications of combinatorics and graph theory. Combinatorics is a study of different enumeration techniques of finite but large sets. Topics that will be studied include principle of inclusion and exclusion, generating functions and methods to solve difference equations. Graph theory is a study of graphs, trees and networks. Topics that will be discussed include Euler formula, Hamilton paths, planar graphs and coloring problem; the use of trees in sorting and prefix codes; and useful algorithms on networks such as shortest path algorithm, minimal spanning tree algorithm and min-flow max-cut algorithm. Graduate students will be given extra assignments determined by the instructor that undergraduates will not be required to do. Prerequisite(s): A minimum grade of "C" in MATH 2332 and MATH 3337.

MATH 5433**Differential Geometry of Curves and Surfaces: 3-0-3**

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. Graduate students will be assigned additional assignments and/or project. Prerequisite(s): A minimum grade of "C" in MATH 2243 and MATH 2331.

MATH 5434**Functions of a Complex Variable: 3-0-3**

Topics in complex variables including functions, limits, derivatives, integrals, the Cauchy-Riemann conditions, series representation of functions, Cauchy Integral formula, and elementary conformal mappings. 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.

MATH 5435**Introduction to Topology: 3-0-3**

An introduction to metric spaces, topological spaces, connectedness and compactness of topological spaces, and continuous functions on topological spaces. Graduate students enrolled in this course will complete one or more assignments that the undergraduate students will not be required to complete. A minimum grade of "C" in MATH 2332.

MATH 5436**Introduction to Fractals: 3-0-3**

Fractals as nonlinear systems involving feedback and iteration. Classical fractals, limits and self-similarity. Fractal dimensions. Encoding of fractals. Decoding of fractals. Iterated function systems. 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 2243, MATH 2332, and MATH 5335.

MATH 5437**Mathematics and Computation of Curves and Surfaces: 3-0-3**

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. Graduate students will be given an extra assignment not required of undergraduate students. Prerequisite(s): A minimum grade of "C" in MATH 2243 and MATH 2331.

MATH 5530**Mathematics for Scientists and Engineers: 3-0-3**

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. Graduate students will be given an extra assignment not required of

undergraduate students. Prerequisite(s): A minimum grade of "C" in MATH 2242.

MATH 5539

Mathematical Models: 3-0-3

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. Graduate students will be given an extra assignment not required of undergraduate students. Prerequisite(s): A minimum grade of "C" in MATH 2331 and MATH 3230.

Mechanical Engineering (CEIT)

MENG 1310

Manufacturing Processes Lab: 0-3-1

This course covers hands on introduction to various manufacturing, machining and fabrication processes including welding, thread cutting, and machining using lathe and mill.

MENG 2110

Mechanical Engineering Case Studies in Design & Analysis: 0-2-1

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): ENGR 1133 or permission of instructor.

MENG 2139

Numerical Methods in Engineering: 2-2-3

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): MATH 2242 or permission of instructor.

MENG 3010

Leveling Topics in Statics: 1-0-1

This course introduces the vector methods in solving Statics problems. It also covers three dimensional problems and advanced topics in friction. This is the leveling course to bridge the gap between the Statics course required for the Engineering Technology and the Engineering program. Prerequisite(s): TENS 2141 or permission of instructor.

MENG 3011

Leveling Topics in Dynamics: 1-0-1

This course introduces the vector methods in solving Dynamics problems. It also covers advanced topics in Dynamics, such as, impulse momentum and work energy principles for bodies and three dimensional problems. This is the leveling course to bridge the gap between the Dynamics course required for the Engineering Technology and the Engineering program. Prerequisite(s): TENS 2142 or permission of instructor.

MENG 3012

Leveling Topics in Mechanics of Materials: 1-0-1

This course covers the advance topics of mechanics of materials to bridge the gap between the strength of materials required for the technology program and the mechanics of materials for the engineering program. The course will cover advanced topics, such as, double integration method for beam theory, eccentrically loaded column, theories of failures and thick pressure vessel. Prerequisite(s): TENS 2143 or permission of instructor.

MENG 3015

Leveling Topics in Electrical Circuits: 1-0-1

This course covers the advanced topics in Electrical Circuits and Electronics. The course covers the control part of Circuit Analysis to bridge the gap between the Electrical Devices and Measurement required for the technology program and the Electronics and Electrical Circuits required in the engineering program. Prerequisite(s): TMET 2521 or permission of instructor.

MENG 3016

Leveling Topics in Fluid Mechanics: 1-0-1

This is the leveling course to bridge the gap between the Fluid Mechanics course required for the Engineering Technology and the Engineering program. It includes the integral form of governing equations, viscous flow with boundary layer theory, differential analysis of fluid motion equations, and dimensional analysis and similitude. Differential equations will be used to derive fluid flow problems with boundary conditions for steady flow and initial conditions for unsteady flow. Prerequisite(s): TENS 2135, TENS 2144, and TMET 3233 or permission of instructor.

MENG 3130

Mechanism Design: 3-0-3

Kinematic analysis and synthesis of the basic mechanism will be covered in the course. Emphasis will be given to slider crank mechanism, four-bar linkage, gear trains and cams. Additionally, Dynamics of Machineries will be introduced. Prerequisite(s): ENGR 2232 or permission of instructor.

MENG 3135

Machine Design: 3-0-3

Modes of failures including both static and dynamic failure theories will be introduced in the course. Detailed design of Machine Components such as transmission shafts, keys, couplings, bearings, springs, gears, clutches, brakes and fasteners will also be discussed. Prerequisite(s): ENGR 3233 or permission of instructor.

MENG 3233

Heat Transfer: 3-0-3

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): ENGR 3431, MATH 2243, MATH 3230, and ENGR 3235; or permission of instructor.

MENG 3331

Materials Science Studio: 2-3-3

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): CHEM 1147 or permission of instructor. Corequisite(s): ENGR 3233

MENG 3333

Materials Processing Studio: 2-2-3

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): MENG 1310 and MENG 3331 or permission of instructor.

MENG 3521

Mechatronics Studio Laboratory: 0-4-2

Laboratory instruction in the theory and practice of engineering measurements and their application to controlled activities. A familiarity with traditional measuring devices, and a proficiency with data acquisition packages will be developed. The packaging of results in reports and presentations will be emphasized. Prerequisite(s): ENGR 2131 or permission of instructor.

MENG 4210

Energy Science Laboratory: 0-2-1

The course includes laboratory activities in support of instruction in thermodynamics and heat transfer. Prerequisite(s): ENGR 3235, ENGR 3431, MENG 3233, MENG 3521, or permission of instructor.

MENG 4430**Engineering Quality Control and Project Management: 3-0-3**

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): MENG 2110, MENG 3135, and MENG 3333

MENG 4612**Mechanical Engineering Senior Seminar: 0-0-1**

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): ENGR 2131, MENG 2139, MENG 3233, and MENG 3333; Additional prerequisite(s): ENGR 2232; ENGR 3233; ENGR 3235; MATH 2243.

MENG 4899**Directed Study in Mechanical Engineering: 0-0-(1-3)**

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: (1-3)-(1-6)-(1-3)**

This course provides for study of Mechanical Engineering course topics not generally offered by the program. Prerequisite(s): Senior standing or permission of instructor.

MENG 5135**Vibration and Preventive Maintenance: 2-2-3**

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): MATH 3230, MENG 3130, and MENG 3521 or permission of instructor.

MENG 5136**Introduction to Finite Element Analysis: 1-4-3**

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): ENGR 2112, ENGR 3235, MENG 2139, MENG 3135, and MENG 3233.

MENG 5137**Mechanical System Design: 0-6-3**

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): MENG 3130, MENG 3135, MENG 3233, MENG 3333, MENG 3521, ENGR 2112, and ENGR 3235.

MENG 5138**Composite Materials: Manufacturing, Analysis, and Design: 2-2-3**

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): MENG 3135, MENG 3233, and MENG 3333 or permission of instructor.

MENG 5234**Heating, Ventilating, and Air Conditioning: 2-2-3**

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): ENGR 3431, ENGR 3235, and MENG 3233 or permission of instructor.

MENG 5235**Combustion: 2-2-3**

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 including pollutant emissions. Prerequisite(s): ENGR 3235, ENGR 3431, and MENG 3233 or permission of instructor.

MENG 5331**Automation and Computer Integrated Manufacturing Systems: 2-2-3**

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. Graduate students will be required to complete a case study or other individualized advanced activity that undergraduate students will not be required to complete. Prerequisite(s): ENGR 1133, ENGR 1731, and MENG 3333 or permission of instructor.

MENG 5536**Mechanical Controls: 2-3-3**

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): MENG 2139, MENG 3130, and MENG 3521 or permission of instructor.

MENG 5891**Special Problems in Mechanical Engineering: (1-3)-(0-2)-(1-3)**

Individual and specialized study in the areas of mechanical engineering not otherwise covered in the students' curriculum. Prerequisite(s): Senior standing, identification of a problem or study area, and permission of instructor.

Middle Grades Education (COE)**MGED 3131****Nature and Curriculum Needs of the Middle Grades Learner: 3-2-3**

Examines the curriculum, instruction and organization of middle grades schools. Provides a substantial knowledge based 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): Prior or concurrent enrollment with a minimum grade of "C" in ITEC 3530 and admission to Teacher Education Program.

MGED 3232**Methods of Teaching Science in the Middle Grades: 3-2-3**

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 3332, MGED 3432, MGED 3731, SPED 3332, and admission to

Teacher Education Program. Corequisite(s): MGED 3532, MGED 3712, and MGED 3722.

MGED 3332

Methods of Teaching Language Arts/Reading in the Middle Grades: 3-2-3

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 an integrated language arts/social studies unit in a middle school classroom. Prerequisite(s): A minimum grade of "C" in ITEC 3530 and MGED 3131; prior or concurrent enrollment with a minimum grade of "C" in MSED 5333 and SPED 3332; and admission to Teacher Education Program. Corequisite(s): MGED 3432 and MGED 3731.

MGED 3432

Methods of Teaching Social Studies in the Middle Grades: 3-2-3

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 an integrated social studies/language arts unit in a middle school classroom. Prerequisite(s): A minimum grade of "C" in ITEC 3530 and MGED 3131; prior or concurrent enrollment with a minimum grade of "C" in MSED 5333 and SPED 3332; and admission to Teacher Education Program. Corequisite(s): MGED 3332 and MGED 3731.

MGED 3532

Methods of Teaching Mathematics in the Middle Grades: 3-2-3

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 3332, MGED 3432, MGED 3731, SPED 3332, and admission to Teacher Education Program. Corequisite(s): MGED 3232, MGED 3712, and MGED 3722.

MGED 3712

Middle School Practicum III: 0-4-1

This practicum involves structured observations, as well as planning and teaching individual lessons and activities in mathematics or science in a middle grades classroom. Emphasis is placed on content, classroom management, classroom environment, instructional strategies for diverse populations of students, integration of technology, and assessment of student learning. Prerequisite(s): A minimum grade of "C" in MGED 3332, MGED 3432, MGED 3731, SPED 3332, and Admission to Teacher Education Program. Corequisite(s): MGED 3232, MGED 3532, and MGED 3722.

MGED 3722

Middle School Practicum II: 0-8-2

This practicum involves structured observations, as well as planning and teaching an instructional unit in mathematics or science in a middle grades classroom. Emphasis is placed on content, classroom management, classroom environment, instructional strategies for diverse populations of students, integration of technology, and assessment of student learning. Prerequisite(s): A minimum grade of "C" in MGED 3332, MGED 3432, SPED 3332, and admission to Teacher Education Program. Corequisite(s): MGED 3232, MGED 3532, and MGED 3712.

MGED 3731

Middle School Practicum I: 0-3-3

This practicum involves structured observations, as well as planning and teaching an integrated language art/social studies instructional unit in a middle grades classroom. 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 ITEC 3530 and MGED 3131; prior or concurrent enrollment with a minimum grade of "C" in MSED 5333 and SPED 3332; and admission to Teacher Education Program. Corequisite(s): MGED 3332 and MGED 3432.

MGED 5799

Student Teaching in Middle Grades Education: 0-40-9

A period of guided teaching during which the student, under the direction of a cooperating teacher, 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.

Management (COBA)

MGNT 3130/3130H/3130S

Principles of Management: 3-0-3

Provides an overview of the management function, with emphasis on managerial planning, organizing, leading, and controlling. Prerequisite(s): Pre-business and undeclared students must meet the requirements for BBA status. Students with declared majors in other fields must have completed a minimum of 55 semester hours.

MGNT 3134/3134S

Behavior in Organizations: 3-0-3

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

Entrepreneurship: 3-0-3

A study of the business formation and growth processes involved in entrepreneurship. The course also focuses on the behaviors of entrepreneurs within different entrepreneurial contexts. This is a course that engages students in interactive exercises and invites local entrepreneurs into the classroom to share their experiences of setting up and running new ventures. Prerequisite(s): A minimum grade of "C" in MGNT 3130.

MGNT 3235

Leadership in Organizations: 3-0-3

Leadership and management are distinctly-different phenomena; to do either will require 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): MGNT 3130.

MGNT 3334

Human Resource Management: 3-0-3

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. COBA students must earn a "C" or better in this class. Prerequisite(s): Pre-business students must meet requirements for BBA status. Students with declared majors in other fields must have completed a minimum of 60 semester hours. Recommend taking MGNT 3130 concurrently.

MGNT 3430/3430H

Operations Management: 3-0-3

Application of the principles of management 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 BUSA 3131 or STAT 2231 and junior status.

MGNT 3437**Service Operations Management: 3-0-3**

Students will become familiar with the various Operations Management decisions required in managing a service business. Analytical models which support these decisions will be presented and discussed. Students will also become familiar with application of these principles and models through analysis of actual firms and service firm cases. Prerequisite(s): A minimum grade of "C" in BUSA 3131 or STAT 2231.

MGNT 4030/4030S**Special Topics in Management: 3-0-3**

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 4230/4230S**International Management: 3-0-3**

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**Small Business Management: 3-0-3**

Provides an introduction to the unique attributes of small businesses. Prerequisite(s): A minimum grade of "C" in MGNT 3130 or permission of instructor.

MGNT 4235**Applied Small Business Management: 3-0-3**

An applied course that involves interactions with actual small business owners and observations of their management practices. Prerequisite(s): A minimum grade of "C" in MGNT 3130 or permission of instructor.

MGNT 4236**New Venture Planning: 3-0-3**

This is a project-based course in which students, working in small groups, research and develop a business plan for a new venture. With tutorial guidance, students will select an entrepreneurial idea and develop it into a comprehensive and fully detailed, written business plan. All aspects of the business must be thoroughly researched and the written plan must include three years' financial projections. In the final week of the course, students will make a formal presentation of their plan and be interviewed by an enterprise panel with the aim of obtaining funding for the venture. The enterprise panel may include a bank manager, a business angel and/or a venture capitalist. Prerequisite(s): A minimum grade of "C" in MGNT 3130.

MGNT 4332**Compensation and Benefits: 3-0-3**

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 individuals and groups, and administration of employee benefits. Prerequisite(s): A minimum grade of "C" in BUSA 3131, MGNT 3130, and MGNT 3334 or permission of instructor.

MGNT/CISM 4333/4333S**Human Resource Information Systems: 3-0-3**

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.

MGNT/LSTD 4334/4334S**Workplace Legislative Compliance: 3-0-3**

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.

MGNT 4335**Labor Relations: 3-0-3**

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: 3-0-3**

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 4431**Purchasing and Negotiation: 3-0-3**

The nature of today's business environment places great importance on organizational sourcing. This course helps students to better comprehend the various supply management decisions required to effectively contribute to organizational strategies. The course will introduce key areas of purchasing (supply management) and develop skills in negotiation. Upon successful completion of the course, students will be able to apply conceptual and analytical approaches to better influence and direct decisions where supply meets demand. Prerequisite(s): A minimum grade of "C" in BUSA 3131 and BBA status or permission of department chair.

MGNT 4435**Management of Quality and Process Improvement: 3-0-3**

Teaches how to identify, document, analyze, and improve the processes that constitute a business's operations. Begins by establishing a foundational practice of recognizing and describing key processes, using techniques such as process mapping and value stream mapping. Builds on this foundation by developing Quality Management Systems that address both corporate and tactical decisions by planning to meet customers' needs, organizing resources, managing for continuous improvement, and facilitating employee involvement. Prerequisite(s): A minimum grade of "C" in MGNT 3430.

MGNT 4436**Planning and Control Systems: 3-0-3**

Students will learn advanced concepts and techniques in planning and controlling operations and how these concepts/techniques are applied in an organization, with emphasis placed on the utilization of these models in Enterprise Resource Planning (ERP) software systems. Prerequisite(s): A minimum grade of "C" in MGNT 3430.

MGNT 4438**Operations in Supply Chains: 3-0-3**

The growing tendency of firms to focus on their core competences, and the resulting vertical disintegration of activities, has required a more holistic view of the operations function. Firms have increasingly extended their operations beyond the firm boundary, forming webs of interdependent interactions. This course will cover and integrate concepts and topics related to the role of operations management in the design and management of supply chains. Prerequisite(s): A minimum grade of "C" in MGNT 3430 and BBA status or permission of department chair.

MGNT 4790**Internship in Management: (3-6)-0-(3-6)**

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): Total Institution GPA of 2.5 or better, permission of advisor and department chair.

MGNT 4830/4830S**Special Problems in Management: (1-3)-0-(1-3)**

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 4890/4890H**Directed Study in Management: 0-0-(1-3)**

Designed for independent study and research in selected areas of management under faculty supervision. Prerequisite(s): Permission of department chair or director.

Marketing (COBA)**MKTG 3131/3131H/3131S****Principles of Marketing: 3-0-3**

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): Pre-business and un-declared students must meet the requirements for BBA status. Students with declared majors in other fields must have completed a minimum of 55 semester hours.

MKTG 3132**Principles of Advertising: 3-0-3**

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: 3-0-3**

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 of relationship selling. Videotaped role playing required. Prerequisite(s): A minimum grade of "C" in MKTG 3131.

MKTG 3134**Business Marketing: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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 4030/4030S**Special Topics in Marketing: 3-0-3**

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: 3-0-3**

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: 3-0-3**

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 or permission of instructor.

MKTG 4133**Sales Management: 3-0-3**

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: 3-0-3**

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 4135/4135S**Buyer Behavior: 3-0-3**

Application of the behavioral science approach to analysis of buyer behavior, both final consumer and industrial. Individual, social, sociocultural, and psychological factors are studied. Prerequisite(s): A minimum grade of "C" in MKTG 3131.

MKTG 4136/4136S**International Marketing: 3-0-3**

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: 3-0-3**

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 last two semesters prior to graduation.

MKTG 4232**Advanced Selling: 3-0-3**

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 3133.

MKTG 4790**Internship in Marketing: (3-9)-0-(3-9)**

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. Prerequisite(s): Senior standing. Substantive course work completed within major area of study. Approval of both the supervising faculty member and the department chair is required.

MKTG 4830/4830S

Special Problems in Marketing: 3-0-3

An intensive study of some phase or 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: 3-0-3

Independent study and research in selected areas of Marketing under supervision of a member of the Marketing faculty. Prerequisite(s): Approval of the instructor and department chairperson.

Multimedia Communications

MMC 2110

Broadcast Technologies: 1-0-1

This course introduces the student to the technical aspects of video and audio signal requirements, video and audio signal set-up, trouble-shooting signal problems, and maintenance of equipment. Prerequisite(s): MMC major or IT second discipline and 2.5 GPA.

MMC 2335

Introduction to Media Writing: 3-0-3

Provides the principles and techniques necessary for adapting the principles of copy writing to the electronic media, specifically radio, television and Internet. Prerequisite(s): A minimum grade of "C" in COMM 2332 and passage of English Proficiency Exam or a minimum grade of "C" in WRIT 3520.

MMC/POLS 3233

Politics and the Media: 3-0-3

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. Prerequisite(s): A minimum grade of "C" in COMM 2332 and POLS 1101.

MMC 3234

Directing for the Screen: 3-0-3

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 a minimum of three individual scenes for video. Prerequisite(s): A minimum grade of "C" in MMC 3434.

MMC 3331

Audio Production and Announcing: 3-0-3

Introduces the fundamentals of digital audio use across multiple platforms and diverse formats. Examines the theory, principles, practices and ethical considerations of using voice, sound effects and music to produce audio. This hands-on course provides students an opportunity to explore audio story telling through commercials, newscasts, interviews and entertainment programming. Prerequisite(s): A minimum grade of "C" in COMM 2332 and MMC 2335; 2.5 institutional GPA for non-MMC majors.

MMC 3332/3332S

Studio Video Production: 3-0-3

Introduces multiple camera studio production. Students will participate in every studio position required to accomplish live media production. Students will be expected to grow in knowledge concerning live directing, producing, lighting, composition, set design, studio equipment operation and crew management. This is the basic multiple camera, large crew course and should prepare students for field and web studio environments. Prerequisite(s): A minimum grade of "C" in MMC 2335; 2.5 institutional GPA for non-MMC majors.

MMC/JOUR 3334

Broadcast News: 3-0-3

Provides students with techniques and experiences in facets of gathering and presentation of news and interviews for radio and television newscast presentation. Prerequisite(s): A minimum grade of "C" in JOUR 2331 and MMC or JOUR major status or 2.5 institutional GPA.

MMC/INTS/JOUR 3336/3336S

International Media Systems: 3-0-3

Studies, comparatively, the mass media systems around the world. Analyzes media systems in terms of relevant political, social, economic, and cultural factors. Diversity and change in global communication is a main theme, and 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.

MMC/JOUR 3337

Media Law and Ethics: 3-0-3

Surveys freedom of speech and the 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.

MMC 3339

Field Video Production and Editing: 3-0-3

This course is designed to teach students the fundamentals of video editing and the techniques of producing, directing, and equipment operation for field (location) productions. Students will produce and direct various types of video programs shot on-location. Prerequisite(s): A minimum grade of "C" in MMC 2110 and MMC major status or 2.5 GPA.

MMC/JOUR 3430

Media Management and Sales: 3-0-3

Studies the organization and operation of media operations' policies and procedures. Examines 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 MMC 2335 and MMC or JOUR major status or 2.35 or higher GPA.

MMC/FILM 3434

Introduction to Digital Filmmaking: 3-0-3

This course introduces students to the aesthetics and production of narrative short film using digital cameras. Composition, shooting, lighting, sound recording, and non-linear editing will be covered. Students will make three short films in the course. Prerequisite(s): A minimum grade of "C" in FILM 2331 and FILM 2531 or WRIT 2531.

MMC/JOUR 3530

Media Ethics: 3-0-3

The study of moral and professional conduct within various mass communication contexts. 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 COMM 2332 and MMC or JOUR major status or 2.35 institutional GPA.

MMC 3830

Multimedia Sound Design: 3-0-3

Examines audio production, psychoacoustics, sound theory and voice manipulation to expand perception and imagination in the creation of sound tracks for film and video production projects. Students utilize audio production equipment to compose a story, develop characters and create emotion through skillful creation of the sound track. Prerequisite(s): A minimum grade of "C" in MMC 2335.

MMC 4030

Selected Multimedia Topics: 3-0-3

Offers varied courses in specialized areas of the field of multimedia study. Prerequisite(s): MMC major status and permission of instructor.

MMC 4090**Broadcast Applications: 0-(2 or 4)-(1 or 2)**

Practicum course providing experience in audio or video production of broadcast news, corporate news or corporate programming. Course requires three hours of approved practicum activity per week per semester hour of credit. Student must register for one hour one semester and two hours the next. Course may be repeated but only three hours count toward graduation. Prerequisite(s): A minimum grade of "C" in MMC 2110, MMC 2335, and MMC 3339 or permission of instructor.

MMC 4134**Advanced Digital Filmmaking: 3-0-3**

This course will expand on the basic digital filmmaking principles established in MMC 3434 and will focus more on developing student's ability to tell visual stories. Prerequisite(s): A minimum grade of "C" in MMC 3434.

MMC 4135**Advanced Lighting and Cinematography: 3-0-3**

This course will build on the basic lighting and cinematography skills established in MMC 3434. Students will learn to use more advanced equipment, develop complex compositions and camera movement, and create unique lighting schemes. Prerequisite(s): A minimum grade of "C" in MMC 3434.

MMC/AMST/JOUR 4331**History of Mass Communication: 3-0-3**

Surveys the history of newspapers, magazines, radio and television, with emphasis upon their correlations with political, social, and economic trends in America. Prerequisite(s): A minimum grade of "C" in COMM 2332.

MMC 4332**Specialized Video Production Topics: 3-0-3**

On a thematic basis, emphasizes planning, development and production of advanced program types in long-form areas such as news, documentary and corporate training as well as uses of special effects and post production activities that support dramatic or electronic music productions. Final projects expected to be of the quality necessary for public airing or submission to competitions. May be repeated for different topics. Prerequisite(s): A minimum grade of "C" in MMC 2110 and MMC 3339.

MMC 4334**Advanced Audio Production: 3-0-3**

Designed to 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. The topics are rotated on a thematic basis and this course may be repeated for different topics. Prerequisite(s): A minimum grade of "C" in COMM 2332, MMC 2335, and MMC 3331.

MMC 4337**Digital Video Editing: 3-0-3**

Teaches the fundamentals of non-linear digital video editing via computer-based system. Prerequisite(s): A minimum grade of "C" in MMC 3339 and MMC major or 2.5 GPA.

MMC 4791**Multimedia Communication Internship: 0-400-3**

Optional internship open only to broadcast majors who have earned 2.75 total institution GPA and have completed all other major requirements. Faculty place student applicants in approved electronic media facility. Requires 400 clock hours of approved and supervised site activity during semester. A maximum of three hours of internship credit may be applied toward the MMC major. Prerequisite(s): 2.75 Institutional GPA, Completion of all Major course work, and Instructor Permission.

MMC 4792**MMC Internship: 0-400-6**

Internship course open only to MMC majors who have earned a 2.75 cumulative GPA and completed all other major MMC degree requirements. Faculty place applicants in approved media facilities. Students must complete a minimum of 400 clock hours of supervised work during the semester, and complete required paperwork to qualify for credit. Prerequisite(s): Instructor Permission, all other degree work completed, and 2.75 GPA.

MMC 4891**Directed Study in Multimedia: 0-(2-6)-(1-3)**

Permits students to conduct in-depth study of issues associated with multimedia. Students may enroll for one, two or three hours of credit, and may take the course more than once, but not for a credit hour total that exceeds three hours. Course designs must be approved by the instructor and the department chair. This course cannot be used to replace existing MMC major courses. Prerequisite(s): MMC major status and permission of instructor.

MMC 4910**Multimedia Capstone: 1-0-1**

A course in which students demonstrate their mastery of the material they have learned during their major course work by producing a high-quality final project or portfolio. The product will be of a quality necessary to be entered into adjudicated competitions, for graduate school applications, or as part of a job application. A panel comprised of MMC faculty members and/or area advisory board members will evaluate the project's suitability for acceptance. Prerequisite(s): Senior MMC rank.

Military Science (COSM)**MSCI 1111****Introduction to Military Science: 0-4-1**

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.

MSCI 1122**Basic Military Leadership: 2-0-2**

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/KINS 1510**Mountaineering: 0-4-1**

A course designed to introduce mountaineering skills, fundamentals and knowledge. Corequisite(s): MSCI 1111.

MSCI 2121**Basic Military Skills: 2-0-2**

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: 2-0-2**

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): 3-0-3**

The Leadership Training 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: 2-2-3**

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: 2-2-3**

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 3731**Advanced Military Skills Practicum (Advanced Camp): 3-0-3**

The ROTC Leader Development and Assessment Course (LDAC) or operation WARRIOR FORGE 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. WARRIOR FORGE 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): 3-0-3**

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 4131/4131S**Military Leadership and Management Seminar: (0 or 2)-(0 or 2)-(0 or 3)**

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.

MSCI 4132**Transition to Lieutenant: 2-2-3**

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)-0-(1-3)**

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. Prerequisite(s): A minimum grade of "C" in MSCI 3131, MSCI 3132, MSCI 4131, MSCI 4132, and HIST 3230.

Middle Grades and Secondary Education (COE)**MSED 5333****Literature and Writing for the Middle and Secondary Schools: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): Admission to Teacher Education Program (initial certification candidates only).

Applied Music (CLASS)**MUSA****Applied Music**

Admission to an applied studio is by approval of the Music faculty. Instruction in various instruments and voice is offered. Undergraduate instruction is offered at preparatory, first, second, and third and fourth year levels. Graduate instruction is also offered. Credit hours available vary from 1-3 hours.

Music (CLASS)**MUSC 1100/1100S****Music Appreciation: 3-0-3**

An 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 3216**Voice Class: 2-0-1**

Designed to teach the elements of healthy voice production to instrumental majors in the music education program. Course 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.

MUSC 1311/1311S**Introduction to Composition: 1-0-1**

This course involves hands-on activities that offer students the opportunity of understanding such concepts as Form, Timbre, Texture, Duration, and other musical materials, and their interaction in the context of a musical creation, regardless of genre or style. Additionally, these activities introduce students to the roles of the composer and the performer, and the dynamics of their relationship. As the title suggests, the course sets the framework for future compositional work. Prerequisite(s): MUSC 1331/MUSC 1513 or MUSC 1333.

MUSC 1315**Guitar Class Non-Major: 1-0-1**

This course is designed to teach the basic elements of guitar performance to non-music majors.

MUSC 1316**Voice Class Non-Major: 1-0-1**

This course is designed to teach the basic elements of voice performance to non-music majors.

MUSC 1331**Music Theory I: 3-0-3**

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: 3-0-3**

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 nondominant seventh chords. Prerequisite(s): MUSC 1331 and MUSC 1513.

MUSC 1333/1333S**Music Fundamentals I: 3-0-3**

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. Prerequisite(s): MUSC 1100 or permission of instructor.

MUSC 1334**Music Fundamentals II: 3-0-3**

Further study in melodic and harmonic relationships with emphasis on chords, chord symbols, and chord progressions through the study and analysis of musical compositions. Prerequisite(s): MUSC 1333 or permission of instructor.

MUSC 1511**Group Piano I: 0-2-1**

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: 0-2-1**

Continuation of skills begun in MUSC 1511. Prerequisite(s): MUSC 1511 or permission of instructor.

MUSC 1513**Sight-Singing/Ear Training I: 1-1-1**

Development in aural perception and sight-singing skills to parallel the work in MUSC 1331. Emphasizes melodic and harmonic dictation and sight-singing. Lab work will utilize the Music CAI Lab.

MUSC 1514**Sight-Singing/Ear Training II: 1-1-1**

Development in aural perception and sight-singing skills to parallel the work in MUSC 1332. Emphasizes melodic and harmonic dictation and sight-singing. Lab work will utilize the Music CAI Lab. Prerequisite(s): MUSC 1331 and MUSC 1513.

MUSC 1515/1515S**Technology in Music: 1-1-1**

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 2311**Jazz Improvisation I: 1-0-1**

Theory and techniques of jazz improvisation with emphasis on functional harmony, melodic form, and development of style. Prerequisite(s): MUSC 1331, MUSC 1332, MUSC 1513, and MUSC 1514.

MUSC 2312**Jazz Improvisation II: 1-0-1**

Theory and techniques of jazz improvisation with emphasis on functional harmony, melodic form, and development of style. Prerequisite(s): MUSC 2311.

MUSC 2333**Music Theory III: 3-0-3**

A study of traditional, chromatic and twentieth century forms and melodic/harmonic practices. Exercises in composition are included. Prerequisite(s): MUSC 1332 and MUSC 1514.

MUSC 2334**Music Theory IV: 3-0-3**

A study of traditional, chromatic and twentieth century forms and melodic/harmonic practices. Exercises in composition are included. Prerequisite(s): MUSC 2333 and MUSC 2513.

MUSC 2411**Diction for Singers I: 1-1-1**

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: 1-1-1**

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 2421**Piano Literature I: 2-0-2**

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. Prerequisite(s): Permission of instructor.

MUSC 2431**Piano Pedagogy I: 3-0-3**

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: 0-2-1**

Continuation of skills developed in MUSC 1512 at the intermediate level, with additional work in score reading and accompanying. Prerequisite(s): MUSC 1512 or permission of instructor.

MUSC 2512**Group Piano IV: 0-2-1**

Continuation of skills developed in Group Piano III. Final Exam serves as the Piano Exit Exam. Prerequisite(s): MUSC 2511 or permission of instructor.

MUSC 2513**Sight-Singing/Ear Training III: 1-1-1**

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): MUSC 1332 and MUSC 1514.

MUSC 2514**Sight-Singing/Ear Training IV: 1-1-1**

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): MUSC 2333 and MUSC 2513.

MUSC 2621**Introduction to Music Education: 2-0-2**

Designed to provide the music education candidate with knowledge of history and philosophy of music education, basic teaching methods, lesson planning skills, and familiarity with professional resources and the Georgia Performance Standards. Prerequisite(s): A minimum grade of "C" in MUSC 1332 and MUSC 1512.

MUSC 3031/3031S**Selected Topics in Music: 3-0-3**

Topics vary with individual professor.

MUSC 3131**History of Music I: 3-1-3**

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: 3-1-3**

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: 2-0-1**

Designed for the choral music education student. Provides the student an overview of theoretical and practical knowledge of the woodwind and string families.

MUSC 3212**Instrumental Methods II: 2-0-1**

Designed for the choral music education student. Provides the student an overview of theoretical and practical knowledge of the brass and percussion families.

MUSC 3213**Percussion Class: 2-0-1**

Emphasis on acquiring a theoretical and practical knowledge of percussion instruments. Includes instructional application through playing and the study of methods and materials.

MUSC 3215**String Class: 2-0-1**

Emphasis on acquiring a theoretical and practical knowledge of string instruments. Includes instructional application through playing and the study of methods and materials.

MUSC 3216**Voice Class: 2-0-1**

Designed to teach the elements of healthy voice production to instrumental majors in the music education program. Course 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.

MUSC 3217**Woodwind Class: 2-0-1**

Emphasis on acquiring a theoretical and practical knowledge of woodwind instruments. Includes instructional application through playing and the study of methods and materials.

MUSC 3218**Brass Class: 2-0-1**

Emphasis on acquiring a theoretical and practical knowledge of brass instruments. Includes instructional application through playing and the study of methods and materials.

MUSC 3232**Elementary Methods and Materials in Music: 2-1-3**

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. Prerequisite(s): Admission to Teacher Education Program.

MUSC 3311**Jazz Improvisation III: 1-0-1**

Theory and techniques of jazz improvisation with emphasis on functional harmony, melodic form, and development of style. Prerequisite(s): MUSC 2312.

MUSC 3312**Jazz Improvisation IV: 1-0-1**

Theory and techniques of jazz improvisation with emphasis on functional harmony, melodic form, and development of style. Prerequisite(s): MUSC 3311.

MUSC 3331/3331S**Instrumentation: 3-0-3**

The study of traditional instrumental and vocal notation, ranges, technical capabilities, basic scoring techniques. Prerequisite(s): MUSC 2334 and MUSC 2514.

MUSC 3411**Brass Pedagogy: 1-0-1**

Survey of teaching techniques (studio teaching of instruments).

MUSC 3412**Percussion Pedagogy: 1-0-1**

Survey of teaching techniques (studio teaching of instruments).

MUSC 3413**String Pedagogy: 1-0-1**

Survey of teaching techniques (studio teaching of instruments).

MUSC 3414**Woodwind Pedagogy: 1-0-1**

Survey of teaching techniques (studio teaching of instruments).

MUSC 3421**Piano Literature II: 2-0-2**

Covers the principle genres of solo piano music from the early Romantic Period through the Impressionistic Period, with formal and stylistic analysis of specific representative works by the principal composers. Prerequisite(s): Permission of instructor.

MUSC 3423**Vocal Literature I: 2-0-2**

Study of the historical development of the Italian, French, and Spanish song literature, focusing on selected works of representative composers in each stylistic period. Prerequisite(s): MUSC 2411 and MUSC 2412 or permission of instructor.

MUSC 3424/3424S**Vocal Literature II: 2-0-2**

Study of the historical development of the German and English song literature, focusing on selected works of representative composers in each stylistic period. Prerequisite(s): MUSC 2411 and MUSC 2412 or permission of instructor.

MUSC 3432**Piano Pedagogy II: 3-0-3**

An introduction to the teaching of piano at the pre-school, adult and intermediate levels.

MUSC 3435**Imagine: The Music of the Beatles: 3-0-3**

An examination of the music of the Beatles in the context of the popular culture of the 1950's and 1960's. 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.

MUSC 4221**Marching Band Techniques: 2-0-2**

Theoretical and practical approach to the instruction and direction of marching bands.

MUSC 4331**Analytical Techniques: 3-0-3**

Techniques for analyzing form and other stylistic elements of music, emphasizing works from the common practice period; preparation of time lines and other graphic representations; score reading of orchestral scores with transposing instruments. Prerequisite(s): Completion of sophomore-level music theory sequence.

MUSC 4411**Basic Conducting: 1-0-1**

A practical course directed toward the cultivation and development of the skills required for students who plan to conduct music ensembles.

MUSC 4421**Voice Pedagogy: 2-1-2**

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 or permission of instructor.

MUSC 4431**Choral Conducting and Literature: 3-0-3**

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: 3-0-3**

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: 3-1-3**

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. Prerequisite(s): A minimum grade of "C" in MUSC 4431 or MUSC 4432 and admission to the Teacher Education Program.

MUSC 4611**Seminar in Music Education: 1-1-1**

Designed to provide additional field experiences for music education majors in a seminar format. Should be taken in conjunction with the appropriate music methods course (MUSC 3232 or MUSC 4532).

MUSC 4799**Student Teaching in P-12 Music Education: 9-0-9**

Student Teaching in Music Education is a period of guided music teaching during which the student, under the direction of a cooperating teacher, takes increasing responsibility for leading the school music 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 music teacher's assigned responsibilities. Prerequisite(s): Completion of all degree courses.

MUSC 4891/4891S**Special Problems in Music: (1-9)-0-(1-9)**

Topics vary with individual professor.

MUSC 5030**Selected Topics Music Literature: 3-0-3**

Specialized study of a specifically announced area in music literature. Graduate students must complete an extra project for this course.

MUSC 5031/5031S**Selected Topics in Music: 3-0-3**

Topics vary with individual professor. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

MUSC 5231**Music in the Classic Period: 3-0-3**

A survey of major historical trends, aesthetic and stylistic developments, significant figures, and selected repertory from the Classic period. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

MUSC 5232**Music in the Romantic Period: 3-0-3**

A survey of major historical trends, aesthetic and stylistic developments, significant figures, and selected repertory from the Romantic period. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

MUSC 5233**Music in the Contemporary Period: 3-0-3**

A survey for major historical trends, aesthetic and stylistic developments, significant figures, and selected repertory from the Contemporary period.

MUSC 5234/5234S**History of Opera: 3-0-3**

A survey of major historical trends, aesthetic and stylistic developments, significant figures, and selected repertory in opera history. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

MUSC/AAST/AMST 5236**Jazz History: 3-0-3**

A jazz survey course which emphasizes the historical, musical, and chronological development of jazz music. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

MUSC 5237/5237H**Symphonic Literature: 3-0-3**

A survey of major historical trends, aesthetic and stylistic developments, significant figures, and selected repertory in symphonic literature. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

MUSC 5239**Selected Topics in Music History: 3-0-3**

Specialized study of a specifically-announced area in music history. Graduate students must complete an extra project for this course.

MUSC 5332**Jazz Styles and Analysis: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): MUSC 3132 and MUSC 5236.

MUSC 5411**Jazz Pedagogy: 1-0-1**

Emphasizes the materials and methods available for the teaching of jazz music at all levels from middle school through university. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

MUSC 5430**Advanced Choral Arranging: 3-0-3**

Practical experience in arranging for various vocal combinations, score analysis, score reading, and manuscript preparation for publishers. Graduate students must complete an extra project for the course. Prerequisite(s): A minimum grade of "C" in MUSC 2334.

MUSC 5431**Advanced Instrumental Arranging: 3-0-3**

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.

MUSC 5432**Advanced Jazz Arranging: 3-0-3**

Study of issues and techniques in composing arrangements for various types of jazz ensembles with practical experience.

MUSC 5530/5530H**Recording Studio Techniques: 2-2-3**

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.

MUSC 5531**MIDI Sequencing: 2-2-3**

This course covers essential synthesis techniques in the analog and digital domains. Examines the bits and bytes of the MIDI communication protocol. A variety of sequencing techniques are examined in several contexts including historical uses, current methods, and in combination with visual media. At the core of the course is an emphasis upon the application of technical knowledge through the creation of musical works.

MUSC 5539**Selected Topics in Music Technology: 3-0-3**

Specialized study of a specifically-announced area in music technology. Graduate students must complete an extra project for this course.

MUSC 5630**Music, Technology and Contemporary Culture: 3-0-3**

Examines the development of sound technology, the impact of music technology on listeners, performers, and composers, the diversification and globalization of musical styles, and the changing sociological roles of music in contemporary culture from both historical and ethnographic points of view. Students will also explore specific topics of their own interest in a seminar setting. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

Music Ensemble (CLASS)**MUSE****Ensembles**

Ensembles of various types are available to all students (some through audition), at both undergraduate and graduate levels. Ensembles carry 1 hour credit.

MUSE 3210**University Band: 0-(3-5)-1**

MUSE courses are not listed in the catalog.

MUSE 3211**Wind Symphony****Nutrition and Food Science (CHHS)****NTFS 2514****Professional Practice Strategies: 1-0-1**

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 professions.

NTFS 2530**Nutrition and Health: 3-0-3**

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: 1-4-3**

Develops basic understanding of the principles of food preparation. Applies principles to food preparation for individuals, families and commercial food services.

NTFS 2535**Nutrition and Diet Therapy: 3-0-3**

Provides a basic understanding of the importance of nutrition in health maintenance and disease. The role of the nurse/health care provider in the nutritional assessment and the delivery of nutrition support services for individuals with illness and physical stress are emphasized.

NTFS 3534**Human Nutrition: 3-0-3**

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 1145 or permission of instructor.

NTFS 3535**Life Cycle Nutrition: 3-0-3**

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, NTFS 2535, NTFS 3534, or permission of instructor.

NTFS 3536**Meal Management: 1-4-3**

Principles of nutrition and food science are integrated with the management process in menu planning and quality meal service. Prerequisite(s): A minimum grade of "C" in NTFS 2534, NTFS 3534 and ServSafe Manager Certification.

NTFS 3537**Advanced Food Science: 1-4-3**

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 BIOL 2240, CHEM 3342, NTFS 2534, and NTFS 3534 and ServSafe Manager Certification.

NTFS 3538**Quantity Food Systems Administration: 3-0-3**

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, ACCT 2030, and MGNT 3130.

NTFS 3630**Sports Nutrition: 3-0-3**

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, NTFS 2535, or NTFS 3534 or permission of instructor.

NTFS 3631**Sustainable Foods: 3-0-3**

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: 0-6-3**

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 3537 and NTFS 3538 and ServSafe Manager Certification.

NTFS/HLTH/KINS 4195S**International Studies Abroad in Health and Kinesiology: (3-9)-0-(3-9)**

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. Undergraduate Prerequisite(s): Junior or Senior status.

NTFS 4534**Medical Nutrition Therapy I: 3-0-3**

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 imbalance, drug nutrient interactions, metabolic disorders, and gastrointestinal, hepato-biliary, endocrine, and cardiovascular diseases. Prerequisite(s): A minimum grade of "C" in NTFS 3534, NTFS 3535, and prior or concurrent enrollment with a minimum grade of "C" in NTFS 4536 or permission of instructor.

NTFS 4535**Community Nutrition: 3-0-3**

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, NTFS 2535, or NTFS 3534.

NTFS 4536**Metabolic Nutrition: 3-0-3**

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, KINS 2531, KINS 2532, KINS 2511, KINS 2512, and NTFS 3534, or permission of instructor.

NTFS 4537**Experimental Food Science: 1-4-3**

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 2231 or permission of instructor.

NTFS 4538**Medical Nutrition Therapy II: 3-0-3**

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. Prerequisite(s): A minimum grade of "C" in NTFS 4534 or permission of instructor.

NTFS 4539**Issues and Trends in Food Science: 3-0-3**

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 or permission of instructor.

NTFS 4610**Nutrition and Food Science Senior Seminar: 1-0-1**

Provides nutrition and food science seniors 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 the process of applications for dietetic internships and/or employment opportunities. Resume writing, portfolio review and interviewing skills will be discussed. Prerequisite(s): A minimum grade of "C" in NTFS 2514 and senior status.

NTFS 4630**Cultural Foods: 3-0-3**

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)-0-(1-6)**

Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor. Prerequisite(s): Permission of instructor.

Nursing (CHHS)**NURS 3111****Professional Practice Competencies: 0-3-1**

This course prepares the professional nurse in the acquisition of safe and competent basic to advanced therapeutic nursing skills. The framework is based on the Essentials of Baccalaureate Nursing Education for Professional Practice. The course is designed to build upon a liberal education in order to

develop a generalist nurse capable of delivering safe, high quality patient care as an autonomous or interdependent healthcare team member. Professional, legal, ethical values, health care policies, cost containment, and regulatory standards are maintained. The preparation and implementation required in the delivery of care operates from a holistic perspective that is mindful of therapeutic communication strategies, population diversity, lifespan changes, patient learning styles, and the health-illness continuum. Course experiences will expose students to a range of patient care technologies such as assessment or monitoring devices and medication administration systems. Proper documentation of patient data will be addressed from the standpoint of confidentiality as well as the ethical and legal issues related to the use of information technology. Prerequisite(s): Admission into the undergraduate nursing program. Corequisite(s): NURS 3150, NURS 3221, NURS 3230, and NURS 3332.

NURS 3130

Critical Inquiry: Nursing Research: 3-0-3

Focuses upon 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): STAT 2231. Corequisite(s): NURS 3163, NURS 3222, and NURS 3252.

NURS 3139

Conceptual Basis of Nursing: Health Promotion Throughout Life: 3-0-3

Provides an introduction to the B.S.N. Program's framework of Health Promotion Throughout Life. 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 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 Standards of Nursing Practice are introduced in this course with specific emphasis on caring and ethics.

NURS 3150

Introduction to Professional Practice: 3-9-6

This integrated theory/clinical course builds a foundation for professional nursing practice utilizing concepts, principles, and practices which undergird professional nursing practice. Emphasis is on the acquisition of core concepts and the performance of basic nursing skills used in the provision of safe, appropriate, and compassionate care for culturally diverse populations. The course builds on knowledge gained from the arts and sciences and incorporates cognitive, interpersonal, technical and ethical/legal skills learned in adjunct courses into the clinical practice of professional nursing. Corequisite(s): NURS 3111, NURS 3221, NURS 3230, and NURS 3332.

NURS 3163

Nursing Care of Adults: 3-9-6

The theory portion of this course focuses on Health Promotion throughout life incorporating primary, secondary, and tertiary prevention as they apply to illnesses affecting adults. Application of the nursing process through nurse-person partnerships regarding promotion, maintenance, or restoration of health is emphasized through the use of case studies. The practicum portion of this course provides clinical experiences regarding health promotion in rural/urban primary, secondary and tertiary health care settings. Students use the nursing process and other analytical tools to provide care to persons experiencing illnesses. Students build on skills previously mastered while acquiring new skills needed to administer safe and effective care. The practicum gives students the opportunity to integrate theory with clinical practice thereby fostering critical thinking in the solution of problems. Prerequisite(s): A minimum grade of "C" in NURS 3111, NURS 3150, NURS 3221, NURS 3230, NURS 3332, and admission into the undergraduate nursing program. Corequisite(s): NURS 3130, NURS 3222, and NURS 3252.

NURS 3221

Pharmacologic and Integrative Therapeutics I: 2-0-2

The course introduces pharmacologic and other therapeutic modalities appropriate to culturally diverse populations across the lifespan. Ethical, legal, and teaching responsibilities are delineated. Emphasis is placed on roles and responsibilities of the nurse in collaboration with the multidisciplinary team to facilitate health promotion. Prerequisite(s): Admission into the Bachelor of Science in Nursing program. Corequisite(s): NURS 3111, NURS 3150, NURS 3230, and NURS 3332.

NURS 3222/3222H

Pharmacologic and Integrative Therapeutics II: 2-0-2

A continuation of pharmacologic and integrative therapies from NURS 3221, this course provides detailed coverage of additional pharmacologic and specific therapeutic modalities appropriate to culturally diverse populations across the lifespan. Emphasis is placed on roles and responsibilities of the nurse in collaboration with the multidisciplinary team to facilitate health promotion. Prerequisite(s): A minimum grade of "C" in NURS 3111, NURS 3150, NURS 3221, NURS 3230, NURS 3332, and admission into the undergraduate nursing program. Corequisite(s): NURS 3130, NURS 3163, and NURS 3252.

NURS 3230

Health Assessment Across the Lifespan: 2-3-3

The theoretical and laboratory course focuses on the physical, psychosocial, socioeconomic, nutritional, cultural, and spiritual parameters of persons across the lifespan. Facilitates the development of health assessment skills within the Health Promotion framework. Corequisite(s): NURS 3111, NURS 3150, NURS 3221, and NURS 3332.

NURS 3252/3252H

Mental Health Nursing: 6-3-5

The theory portion of this course introduces major theoretical concepts in mental health, which relate to the nursing care of persons, families, groups, and communities. Utilizing the Health Promotion Framework, students conceptualize how the enabling factors are incorporated into the assessment of needs and the planning of care of persons with mental health problems. Emphasis is placed on the examination of mental health alterations and the various roles and functions of the professional mental health nurse. The practicum portion of this course allows students to synthesize and apply the major mental health concepts in providing nursing care to persons, families, groups, and communities. Utilizing the Health Promotion Framework, students integrate various factors in assessing, diagnosing, identifying outcomes, planning, implementing, and evaluating mental health nursing care. Emphasis is placed on the application of various treatment modalities, and on the roles and functions of the professional mental health nurse. Prerequisite(s): A minimum grade of "C" in NURS 3111, NURS 3150, NURS 3221, NURS 3230, NURS 3332, and admission into the undergraduate nursing program. Corequisite(s): NURS 3130, NURS 3163, and NURS 3222.

NURS 3332/3332H

Pathophysiology and Disease Processes: Application to Professional Practice: 3-0-3

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): Admission into the Bachelor of Science in Nursing program. Corequisite(s): NURS 3111, NURS 3150, NURS 3221, and NURS 3230.

NURS 4090/4090S

Selected Topics in Nursing: (0-3)-(0-9)-(1-6)

This course provides a mechanism for offering selected topics in nursing. Prerequisite(s): Permission of the instructor.

NURS 4130

Perspectives on Living While Dying: 3-0-3

The web-based course lays a foundation for students' future interaction with and care of individuals who are dying. Strategies for improving the quality of life during dying and death are examined with attention to application. The physiology of dying and methods of handling circumstances surmounting the process of dying and death are included. The course is directed toward students in helping professions such as nursing, health science, sociology, psychology, and the general student population. Prerequisite(s): Junior/Senior level or permission of instructor.

NURS 4131

Population Health Care Strategies: 3-0-3

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 4132/4132S

Complementary Therapeutic Modalities: 3-0-3

Introduces culturally specific therapeutic modalities that are complementary to western health care. These health care 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 multidisciplinary team to facilitate health promotion.

NURS 4133

Complex Nursing Concepts: 3-0-3

The course provides an opportunity for thorough analyses 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): Admitted to RN-BSN Program.

NURS 4138/4138H

Nursing Leadership and Management: Health Promotion VIII: 3-0-3

Focuses on health promotion in nursing through leadership and management in multidisciplinary environments. The importance of critical thinking to effective nursing leadership within a culturally diverse and changing health care system is emphasized. Course content includes management and leadership theories and skills, management techniques, change strategies, healthcare technology, and role transition strategies to assist the new professional nurse. Prerequisite(s): A minimum grade of "C" in NURS 4351, NURS 4352, and NURS 4353. Corequisite(s): NURS 4354, NURS 4728, and NURS 4229.

NURS 4160

Nursing Leadership and Management: Principles and Practice: 3-9-6

This combined didactic and clinical course provides the basis for enabling students to function in a collaborative role within a multidisciplinary healthcare team. Core concepts such as nursing leadership, staff and financial management, staffing models, quality and risk management, collaboration and decision making are introduced. A variety of learning strategies are incorporated into the learning environment to promote self evaluation, analysis of current related issues, skill development, leadership capacity, and critical thinking. Students use self reflection to create vision and direction in terms of leadership and professional development goals. Other learning strategies that enhance the student's ability to function at an optimal level, such as self care, time and organizational strategies, and stress management, and which are important to successful leadership, are studied and applied. Prerequisite(s): Admission into the RN-BSN / RN-MSN nursing program.

NURS 4229

Health Promotion: A Critical Analysis of Nursing Concepts: 1-3-2

Facilitates the synthesis and application of major concepts of the Health Promotion framework in the nursing care of persons, families, groups, and communities. Students utilize the enabling factors in leading seminar discussions and engaging in critical discourse and case analysis. Successful completion of a comprehensive summative examination is required to pass the course. Prerequisite(s): A minimum grade of "C" in NURS 4351, NURS 4352, and NURS 4353. Corequisite(s): NURS 4138, NURS 4354, and NURS 4728.

NURS 4341

Population Focused Nursing: 3-4-4

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 on 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 4351

Nursing Care of Developing Families: 3-6-5

The theory portion of this course focuses on health promotion of developing families throughout the perinatal experience. Content focuses on theories of developing families, the four trimesters of pregnancy, parenting, family developments tasks, and health education. Knowledge acquired in the Nursing Care of Developing Families is utilized in planning and implementing therapeutic nursing interventions which are empowering in promoting, maintaining, and restoring their health. Students utilize the nursing process in the provision of nursing care for selected persons and families. The enabling factors of human caring, communication, ethical principles, critical thinking, empowerment, research, cultural sensitivity, and health care technology are used in the delivery of nursing care. The practicum portion of this course focuses on health promotion of developing families throughout the perinatal experience. Knowledge acquired in the Nursing Care of Developing Families is utilized in planning and implementing therapeutic nursing interventions which are empowering in promoting, maintaining, and restoring their health. Students utilize the nursing process in the provision of nursing care for selected persons and families. The enabling factors of human caring, communication, ethical principles, critical thinking, empowerment, research, cultural sensitivity, and health care technology are used in the delivery of nursing care. Prerequisite(s): A minimum grade of "C" in NURS 3130, NURS 3163, NURS 3222, NURS 3252, and admission into the undergraduate nursing program. Corequisite(s): NURS 4352 and NURS 4353.

NURS 4352

Nursing Care of Children: 3-6-5

The theory portion of this course focuses on the role of the nurse in partnership with families for the purpose of promoting health and development of children. Family health is viewed as integral to children's health. Theory and research serve as the basis for the effective utilization of enabling factors in the nursing care of children and their families. Content focuses on the health promotion needs of infants, toddlers, preschoolers, schoolagers, and adolescents. The practicum portion of this course focuses on health promotion of children and their families. Knowledge acquired in the classroom is used in assessing, analyzing, planning, implementing, and evaluating nursing care to promote, maintain, and restore health of children. Clinical experiences are provided in rural hospitals and community settings. Prerequisite(s): A minimum grade of "C" in NURS 3130, NURS 3163, NURS 3222, NURS 3252, and admission into the undergraduate nursing program. Corequisite(s): NURS 4351 and NURS 4353.

NURS 4353

Community Health Nursing: 3-6-5

The theory portion of this course focuses on health promotion of diverse cultures in the rural community. Students synthesize and apply previously introduced health promotion concepts. Concepts of community health

nursing, including principles and application of epidemiology and community assessment, are introduced. Students analyze variables that place populations at risk and design appropriate interventions. The importance of critical thinking and caring are stressed in the provision of therapeutic nursing interventions to culturally diverse persons, families, groups, and communities. The practicum portion of this course focuses on the provision of nursing within community settings. Students assess and identify health problems of persons, families, groups and communities. Focus of activities is on health promotion in partnership with selected persons, families, groups, and communities. Prerequisite(s): A minimum grade of "C" in NURS 3130, NURS 3163, NURS 3222, NURS 3252, and admission into the undergraduate nursing program. Corequisite(s): NURS 4351 and NURS 4352.

NURS 4354**Advanced Nursing Care of Adults: 3-6-5**

The theory portion of this course focuses on the pathophysiological mechanisms, nursing diagnosis and management of persons experiencing complex and/or life-threatening health problems. Students analyze current trends in the provision of care to persons with medical surgical, critical, and/or end of life conditions and how these trends impact nursing, persons, and families in rural/urban settings. The practicum portion of this course focuses on the provision of nursing care to persons who are experiencing complex and/or life threatening health problems. Students work with a registered nurse mentor in rural and urban settings offering complex, critical, and/or end of life care. Students explore legal and ethical dilemmas which affect the care of persons with critical and/or end of life conditions. Prerequisite(s): A minimum grade of "C" in NURS 4351, NURS 4352, NURS 4353, and admission into the undergraduate nursing program. Corequisite(s): NURS 4138, NURS 4229, and NURS 4728.

NURS 4728**Nursing Leadership Preceptorship: Practicum VIII: 0-8-2**

The practicum provides an opportunity for the student to: a) practice varied leadership roles, including the management of groups and the art of delegation and b) gain an intensive nursing experience in a clinical specialty area of interest to the student. Students work with a qualified nurse preceptor in a variety of clinical areas and locations. Prerequisite(s): A minimum grade of "C" in NURS 4351, NURS 4352, and NURS 4353. Corequisite(s): NURS 4138, NURS 4229, and NURS 4354.

NURS 4890/4890S**Independent Study: (1-3)-(0-9)-(1-3)**

Allows the individual student to study or investigate an area of interest under the direction of a faculty member. Prerequisite(s): Permission of instructor.

NURS 5210**Lifespan Advanced Health Assessment Clinical: 0-1-1**

Group discussions provide the opportunity for learning synthesis. Ninety clinical hours are required in settings which provide experience for health, developmental and diagnostic assessments, and histories and physical examinations of adults, pregnant women, children and newborns. On-campus seminar and laboratory practice and off-campus experiences in ambulatory settings with laboratory facilities serving diverse populations is required. Students taking course for graduate credit will complete additional assignments. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Corequisite(s): NURS 5230/5230G.

NURS 5230**Lifespan Advanced Health Assessment for APN: 3-0-3**

This health assessment course builds on basic assessment to evaluate persons across the life span within a transcultural context. Principles and techniques necessary to complete a total health history, developmental assessment, nutritional evaluation, physical examination and documentation of findings to form a data base on the individual, pregnant female and newborn are included. Recognition of pathological signs and symptoms associated with illness and assessment of health promotion needs are emphasized. Selected diagnostic procedures are covered. Students taking course for graduate credit will complete additional assignments. Graduate

students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Corequisite(s): NURS 5210/5210G.

Philosophy (CLASS)**PHIL 2010/2010H/2010S****Introduction to Philosophy: 3-0-3**

This is an introductory course which surveys the ideas of some of the great philosophers of the Western world, focusing on issues about religion, ethics, reality, and ways of knowing.

PHIL 2020**Critical Thinking: 3-0-3**

An introduction to the concepts and skills necessary for identifying, evaluating, and constructing good arguments. Topics will include strategies that are used to strengthen or weaken an argument, spot fallacious ways of reasoning, and identify hidden assumptions. The course also studies the basic elements of deductive reasoning.

PHIL 3030/3030S**Selected Topics in Philosophy: 3-0-3**

Selected Topics in Philosophy.

PHIL/RELS 3131**World Religions: 3-0-3**

The teachings concerning people and their relations to God and the world found in the major world religions. Judaism, Christianity, Islam, Hinduism, Confucianism, Jainism, and Buddhism are among the religions studied.

PHIL/POLS 3230**Modern Political Thought: 3-0-3**

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/POLS 3232**Philosophy of Law: 3-0-3**

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 3330/3330S**Introduction to Art and Beauty: 3-0-3**

A critical study of the philosophical theories about the nature of art and beauty drawing from both traditional and contemporary thinkers. Topics include defining art and beauty, justifying aesthetic judgments, analyzing artistic creation, and determining the value of art.

PHIL 3332**Contemporary Moral Problems: 3-0-3**

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 3333**Introduction to Ethics: 3-0-3**

An introduction to the main concepts of philosophical ethics such as virtue, duty, utility, rights, and liberty. The course also introduces philosophers whose ethical theories have been historically the most influential, such as Aristotle, Kant, and Mill.

PHIL 3334**Environmental Ethics: 3-0-3**

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 3431/3431S**Ancient Philosophy: 3-0-3**

The main ideas of Socrates, Plato, Aristotle, the Stoics, the Epicureans, Plotinus, and St. Augustine and a consideration of how those ideas apply to our lives.

PHIL 3432**Modern Philosophy: 3-0-3**

The main ideas held by philosophers in the seventeenth and eighteenth centuries, tracing many of the positions that lead us to think as we do today. Thinkers included are Bacon, Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant, Galileo, Kepler, and Newton.

PHIL 3433/3433S**Nineteenth Century European Philosophy: 3-0-3**

A survey of the Continental philosophers of the nineteenth century and their ideas regarding the nature of knowledge, truth, reality, God, religion, society, and humanity. Philosophers studied include Hegel, Marx, Schopenhauer, Kierkegaard, and Nietzsche.

PHIL 3434**Contemporary Philosophy: 3-0-3**

A survey of the main philosophical movements of the twentieth century, primarily in the English-speaking world. The course will stress the importance of language in thinking about some of the traditional problems of philosophy, such as what can be known and what exists. Readings will include selections from Russell, Wittgenstein, Moore, and others.

PHIL 3531**Theory of Knowledge: 3-0-3**

A study of the main theories concerning the nature of knowledge and belief. Topics will include problems of scepticism, the reliability of perception and memory, and the sources of justification.

PHIL 3532/3532S**Metaphysics: 3-0-3**

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/RELS 3635**Existentialism: 3-0-3**

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/WGST 4130**Feminist Philosophy: 3-0-3**

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.

PHIL 4233**Introduction to Formal Logic: 3-0-3**

Fundamentals of propositional and predicate logic. Emphasis will be placed on construction of proofs in formal systems.

PHIL 4333**20th Century Ethical Theory: 3-0-3**

Main trends in twentieth century normative ethical theory in the Western world, to include Intuitionism, Emotivism, Prescriptivism, Act and Rule Utilitarianism, and Contractarianism.

PHIL 4532**Philosophy of Emotions: 3-0-3**

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: 3-0-3**

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/RELS 4632**Philosophy of Religion: 3-0-3**

An in-depth examination of religious teachings and basic philosophical problems associated with them. Topics considered will include creation, salvation, life after death, the origin of evil, religious experience, and God.

PHIL 5030**Selected Topics in Philosophy: 3-0-3**

Selected Topics in Philosophy. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

Physics (COSM)**PHYS 1111****Introduction to Physics I: 3-0-3**

This is the first of a sequence of courses which provide a working knowledge of the basic principles of physics. Topics include mechanics, oscillations and wave motion. The student should have had pre-calculus, or have an equivalent knowledge of algebra and trigonometry. Prerequisite(s): MATH 1113 or an equivalent knowledge of algebra and trigonometry. Corequisite(s): PHYS 1113.

PHYS 1112**Introduction to Physics II: 3-0-3**

This is the second in a sequence of two courses which provide a knowledge of the basic principles of physics using application that require a knowledge of trigonometry and elementary algebra. Topics include electricity and magnetism, optics and modern physics. Prerequisite(s): PHYS 1111. Corequisite(s): PHYS 1114.

PHYS 1113**Physics Lab I: 0-3-1**

This is the first of two laboratory courses that provide the laboratory part of PHYS 1111, PHYS 1112, PHYS 2211, and PHYS 2212. Provides laboratory work on mechanics, wave motion and thermodynamics. Prerequisite(s): Requires prior or concurrent enrollment in either PHYS 1111 or PHYS 2211. In the event the student drops the lecture portion of the course, the lab should also be dropped.

PHYS 1114**Physics Lab II: 0-3-1**

This is a set of experimental studies on electricity and magnetism, optics and modern physics. Serves as the laboratory portion of PHYS 2212 and PHYS 1112. In the event a student drops PHYS 2212 or PHYS 1112, this course may not be continued unless the student has already completed either PHYS 2212 or PHYS 1112. Prerequisite(s): Concurrent or prior completion of PHYS 2212 or PHYS 1112.

PHYS 1135**How Things Work: 3-0-3**

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: 3-2-4**

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 2211/2211H**Principles of Physics I: 3-0-3**

This is the first of a sequence of two courses that provide a working knowledge of the basic principles of physics using applications requiring a knowledge of calculus. Topics include mechanics, wave motion and thermodynamics. Prerequisite(s): Requires prior or concurrent enrollment in MATH 1441. Corequisite(s): PHYS 1113.

PHYS 2212/2212H**Principles of Physics II: 3-0-3**

This is the second of a sequence of courses which provide a working knowledge of the basic principles of physics using applications requiring a knowledge of calculus. Topics include electricity, magnetism, optics and modern physics. Prerequisite(s): A minimum grade of "C" in PHYS 2211. Corequisite(s): PHYS 1114.

PHYS 3130**Sound Waves and Acoustics: 3-0-3**

A study of the production, transformation, reflection, absorption, and general effects of vibration and sound. Prerequisite(s): A minimum grade of "C" in PHYS 2211 and PHYS 2212 or permission of instructor.

PHYS/ASTR 3131**Optics: 3-0-3**

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 2211 and PHYS 2212 or permission of instructor.

PHYS 3149**Methods of Theoretical Physics: 3-2-4**

Presents a discussion of methods for solving the equations that arise in all of the major areas of physics. Prerequisite(s): Prior or concurrent enrollment in MATH 3230, and a minimum grade of "C" in PHYS 2211 and PHYS 2212 or permission of instructor.

PHYS 3420**Advanced Physics Lab: 0-6-2**

A laboratory course where the student will learn classical laboratory techniques, computer data acquisition, statistical analysis of data and proper reporting of results. This lab can be repeated up to four times with two repetitions required of all Physics majors. Prerequisite(s): Permission of instructor.

PHYS 3520**Problem Solving in Physics: 2-0-2**

Improves the ability of Physics majors to rapidly consolidate and inter-relate knowledge of their physics courses by familiarization with the techniques of rapid characterization and solution of problems and by in-class practice of rapid problem-solving. Prerequisite(s): PHYS 3537 or permission of instructor.

PHYS 3536**Modern Physics I: 3-0-3**

Historical development of modern physics including topics on special theory of relativity, early models of the atom, atomic radiations and interaction of electrons with matter. Prerequisite(s): A minimum grade of "C" in PHYS 2211 and PHYS 2212 or permission of instructor.

PHYS 3537**Modern Physics II: 3-0-3**

A continuation of modern physics topics including atomic and molecular physics and nuclear physics. Prerequisite(s): PHYS 3536.

PHYS/ASTR 3558**Introduction to General Relativity: 3-0-3**

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, blackholes, 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.

PHYS 3539**Introduction to Biophysics: 3-0-3**

The physics of living organisms with emphasis on physical support, movement, sensory perception and the physical properties of plant and animal processors at the molecular and organismic levels of organization. Prerequisite(s): Permission of instructor.

PHYS 3542**Analog Electronics: 2-6-4**

A course in intermediate electronics with emphasis on topics of interest to students in physics. Discusses electronic instruments, transducers, diodes and power supplies. Amplifier behavior, the operational amplifier and wave shaping circuits are covered in detail. Discrete electronic devices are also discussed. Prerequisite(s): A minimum grade of "C" in PHYS 2211 and PHYS 2212 or permission of instructor.

PHYS 3543**Digital Electronics: 2-6-4**

Presents the concepts and application of digital electronics. Digital logic concepts and techniques are presented. Flip-flops and counting circuits are studied extensively resulting in a discussion of digital instrument development. The principles of operation, general architecture and some applications of the microprocessor (the Intel 8085) are discussed. Prerequisite(s): PHYS 3542.

PHYS 3790**Teaching Internship in Physics: 0-(4-7)-(1-2)**

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 2212 and permission of instructor.

PHYS 4131**Quantum Optics: 3-0-3**

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: 3-0-3**

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 2211 and PHYS 2212 or permission of instructor.

PHYS 4332**Principles of Lasers: 3-0-3**

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 2211 and PHYS 2212 or permission of instructor.

PHYS 4790**Internship in Physics: 0-0-(1 to 6)**

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. Prerequisite(s): Permission of Physics Internship Director.

PHYS 5090**Selected Topics in Physics: (0-5)-(0-6)-(2-5)**

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 1112 or PHYS 2212.

PHYS 5151**Classical Mechanics: 5-0-5**

Provides physics majors and student of applied mathematics and engineering with the fundamentals of analytical mechanics. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): Prior or concurrent enrollment in MATH 3230 and a minimum grade of "C" in PHYS 2211 and PHYS 2212 or permission of instructor.

PHYS 5152**Classical E and M Theory: 5-0-5**

Provides physics majors and students of applied mathematics and engineering with the fundamentals of electromagnetic field theory. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): PHYS 5151.

PHYS 5530**Thermal Physics: 3-0-3**

A course in classical thermodynamics and kinetic theory. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): MATH 2243 and a minimum grade of "C" in PHYS 2211 and PHYS 2212 or permission of instructor.

PHYS 5536**Studies in Physics for Secondary Teachers: 3-0-3**

Designed to acquaint the student with some of the problems encountered in high school physics presentations. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): MATH 1113.

PHYS 5557**Quantum Mechanics: 5-0-5**

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. Graduate students will be given an extra assignment determined by the instructor that

undergraduates will not be required to do. Prerequisite(s): PHYS 3536, PHYS 3537, and prior or concurrent enrollment in MATH 3230.

PHYS 5890**Physics Research Experience: (0-3)-(0-12)-(1-4)**

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. Prerequisite(s): Permission of instructor.

Political Science (CLASS)**POLS 1101/1101H/1101S****Introduction to American Government: 3-0-3**

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 process such as elections and policy making, and the interaction between institutions and processes. Satisfies the Georgia Constitution and U.S. Constitution requirements.

POLS 2101/2101S**Introduction to Political Science: 3-0-3**

An introduction to the concepts that are considered in the systematic study of politics, such as justice, equity, regimes, and democracy. This course will examine the means by which political scientists explore politics theoretically and in applied settings. Required of all majors and minors in political science. Prerequisite(s): POLS 1101.

POLS 2130**Scope and Methods in Political Science: 3-0-3**

An introduction to the major theoretical models currently used in political science and to the major research techniques and methodologies. Students will have direct experience with data gathering, statistical analysis, data processing, and research reporting. Prerequisite(s): POLS 1101, STAT 2231, and STAT 2232.

POLS 3111H**Honors Thesis Seminar I: 1-0-1**

In a seminar setting, students will conduct readings about the research process with a focus on developing an honors thesis proposal. Prerequisite(s): Minimum Junior standing.

POLS 3112H**Honors Thesis Seminar II: 1-0-1**

In a seminar setting, students will continue to progress toward researching and writing the honors thesis. Particular emphasis will be given to construction of a comprehensive literature review and research design. Prerequisite(s): A minimum grade of "C" in POLS 3111H and minimum Junior standing.

POLS 3130**Qualitative Research Methods: 3-0-3**

An introduction to the major theoretical models currently used in political science and to qualitative research techniques and methodologies. Students will have direct experience in data collection, analysis, and research reporting. Prerequisite(s): POLS 1101 and POLS 2101.

POLS/INTS 3132/3132S**Asian Politics: 3-0-3**

A study of government and politics in the larger countries in Asia. The historical, cultural, religious, and economic factors influencing the political systems of these countries are also studied in this course.

POLS/LAST 3133/3133S**Latin American Politics: 3-0-3**

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.

POLS 3134/3134H**Middle East Politics: 3-0-3**

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.

POLS 3135**Legislative Behavior: 3-0-3**

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: 3-0-3**

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/CRJU 3137**Judicial Process: 3-0-3**

Analyzes and evaluates the judicial process by addressing the actors, institutions, processes and procedures that affect the administration of justice. Prerequisite(s): POLS 1101 or a minimum grade of "C" in CRJU 1100.

POLS 3138**Constitutional Law I: 3-0-3**

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 II: 3-0-3**

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/PHIL 3230**Modern Political Thought: 3-0-3**

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.

POLS 3231/3231S**Environmental Politics: 3-0-3**

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/PHIL 3232**Philosophy of Law: 3-0-3**

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.

POLS/MMC 3233**Politics and The Media: 3-0-3**

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. Prerequisite(s): POLS 1101 and a minimum grade of "C" in COMM 2332 or permission of instructor.

POLS/EURO/INTS 3234/3234S**Introduction to the European Union: 3-0-3**

This course will introduce students to the history, institutions, policies, and cultures of the European Union and its member states.

POLS/WGST 3235/3235S**Gender and Politics: 3-0-3**

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.

POLS/INTS 3236/3236S**International Relations: 3-0-3**

Introduces students to the basic concepts of international relations, including those of war and peace, power, foreign policy, international organizations, 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.

POLS/AAST/AMST 3237**African American Politics: 3-0-3**

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.

POLS/INTS 3239/3239S**Human Rights in International Relations: 3-0-3**

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.

POLS 3330**State and Local Government: 3-0-3**

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.

POLS 3331/3331S**Introduction to Public Administration: 3-0-3**

An examination of how local, state, and federal governments make use of human resources, financial resources, and information resources to assist in policy making, provide services to citizens, and exercise the regulatory power of government.

POLS 3332**Political Parties and Elections: 3-0-3**

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.

POLS/AMST 3333**Southern Politics: 3-0-3**

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.

POLS/FILM 3334**Film and Politics: 3-0-3**

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.

POLS 3335**Politics of Ethnicity: 3-0-3**

Examines the resurgence of ethnic conflict as nations fragment in the midst of regional reconfiguration among states. Assesses and analyzes the major factors which contribute towards ethnic makeup, economic conditions, the modernization process, and technology. What are the relevant indicators of ethnicity for groups and how do they change over time? What kinds of issues does a given conflict seek to resolve? How successful are different strategies in ethnic conflict resolution?

POLS 3336**Classical Political Thought: 3-0-3**

Examines political themes and thinkers from the Ancient Greeks to the Renaissance.

POLS/LING/ANTH/AAST 3337**Language, Power, Politics: 3-0-3**

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 or ENGL 1160.

POLS/LING 3338**Language and Law: 3-0-3**

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 or ENGL 1160.

POLS/AAST 3431/3431S**African Politics: 3-0-3**

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.

POLS/IRSH 3432**Celtic Identity and Conflict: 3-0-3**

This course examines contemporary issues raised by the conflict of Northern Ireland by studying conflicts in the broader historical context of the experience of the Celtic people in Ireland, Scotland, and Wales who sought to preserve their political and cultural identities in the British Isles.

POLS 3712**Community Development: (1-2)-0-(1-2)**

Covers the various meanings of and approaches to community development. Students will be required to work with nonprofit community development organizations outside of class for either 4 hours per week (one credit) or 10 hours per week (two credits) in addition to classroom meetings. Prerequisite(s): POLS 1101.

POLS/INTS 3730**Introduction to United Nations: 3-0-3**

The preamble to the Charter of the United Nations identifies several ambitious goals, which framed the establishment of this international organization, including a desire "to save succeeding generations from the scourge of war" and to promote fundamental human rights, social progress, and economic development. 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.

POLS 3831**Reading For Honors: 3-0-3**

Prerequisite(s): Permission of the department chair and instructor.

POLS 4031/4031S**Selected Topics in Political Science: 3-0-3**

Selected Topics in Political Science.

POLS 4111H**Honors Thesis Seminar III: 1-0-1**

In a seminar setting, students will continue writing and revising their thesis. Prerequisite(s): A minimum grade of "C" in POLS 3112H and minimum Junior standing.

POLS 4112H**Honors Thesis Seminar IV: 1-0-1**

Students will complete the final honors thesis and present their findings at a research symposium. Prerequisite(s): A minimum grade of "C" in POLS 4111H and minimum Junior standing.

POLS/AMST 4130**American Political Thought: 3-0-3**

Examines political themes and thinkers from the Colonial to the Contemporary period.

POLS 4131**Public Policy: 3-0-3**

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/INTS 4132**U.S. Foreign Policy: 3-0-3**

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.

POLS 4133**International Political Economy: 3-0-3**

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 4134/4134S**International Law and Diplomacy: 3-0-3**

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/INTS 4135**International Organizations: 3-0-3**

An analytical study of the organization, powers, and problems of global and regional international agencies with particular emphasis upon the European Union.

POLS/INTS 4136/4136S**Comparative Politics of Industrialized Nations: 3-0-3**

A systematic review of the empirical and theoretical literature concerning the structure, function, and problems of contemporary governments in developed countries.

POLS/INTS 4137**Industrializing Nations: 3-0-3**

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.

POLS/INTS 4138**International Terrorism: 3-0-3**

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.

POLS 4139**Contemporary Political Thought: 3-0-3**

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/INTS 4238**International Conflict: 3-0-3**

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.

POLS/INTS 4730**Model United Nations: 3-0-3**

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 3730 or POLS 3730, or permission of instructor.

POLS/INTS 4731**Model United Nations II: 3-0-3**

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 4730 or POLS 4730.

POLS/CRJU 4733**Theories of Justice: 3-0-3**

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): POLS 1101 or a minimum grade of "C" in CRJU 1100 and junior or senior standing.

POLS 4791**Field Internship in Political Science: 0-0-(3-15)**

Designed to give practical experience in a government qualified agency. Internship credit must be earned in addition to the 24 hours required for the major in political science. No more than 3 semester field internship hours can be used towards a minor in political science. Prerequisite(s): POLS 1101, POLS 2101, and permission of the department chair. This course may be repeated.

POLS 4890/4890S**Independent Study in Political Science: 3-0-3**

Independent Study in Political Science.

POLS 5630**Seminar in American Politics: 3-0-3**

A systematic focus on major themes and issues in American public policy and their roots in American politics. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): Undergraduate course work in American politics or permission of instructor.

POLS 5631**Seminar in Political Theory: 3-0-3**

A seminar focusing on selected theoretical topics. Emphasis will be placed on normative theory and the history of political thought. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): Undergraduate coursework in Political Theory or permission of instructor.

POLS 5632**Seminar in Urban Politics: 3-0-3**

Focuses on the political development of urban areas in the United States from colonial to modern times, including the growth of cities, urban political machines, post-war suburbanization, the structure of urban governments, and the challenges of urban development today. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

POLS/INTS 5633/5633S**Seminar in International Politics: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): POLS 1101, POLS 2101, and undergraduate coursework in International Politics or permission of instructor.

POLS/INTS 5634**Seminar in Comparative Politics: 3-0-3**

Provides a systematic review of the empirical and theoretical literature concerning the structure, function, and problems of contemporary governments in industrializing and industrialized countries. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): POLS 1101, POLS 2101, and undergraduate coursework in Comparative Politics or permission of instructor.

POLS/INTS 5635**Seminar in International Organizations: 3-0-3**

An analytical study of the organization, powers, and problems of global and regional international agencies with particular emphasis upon the European Union. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): POLS 1101, POLS 2101, and undergraduate coursework in International Relations or permission of instructor.

POLS 5930**Political Science Honors Thesis: 3-0-3**

A substantial research project in Political Science structured jointly by a University Honors Program student and a Political Science Department faculty member, approved by the University Honors Program Director. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

Public Relations (CLASS)**PRCA 2330****Introduction to Public Relations: 3-0-3**

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 3030/3030S**Selected Topics in Public Relations: 3-0-3**

Offers varied courses in specialized areas of the field of Public Relations. Prerequisite(s): PRCA 2330 or permission of instructor.

PRCA 3330**Public Relations Writing: 3-0-3**

Examines writing techniques employed in media management programs including the strategic design and development of multimedia messages and message dissemination. Prerequisite(s): JOUR 2331 and PRCA 2330.

PRCA 3331**Corporate Public Relations: 3-0-3**

Examines the role of public relations within a corporation and its responsibilities in developing and maintaining external and internal relations. Prerequisite(s): PRCA 2330 or permission of instructor.

PRCA 3332**Public Relations Event Management: 3-0-3**

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): PRCA 2330 or permission of instructor.

PRCA/INTS 3333/3333S**International Public Relations: 3-0-3**

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 2330 or permission of instructor.

PRCA 3334**Social Media and Public Relations: 3-0-3**

Students will explore emerging social media technologies and study their ethical application in contemporary Public Relations practice. Students will examine these technologies from theoretical and applied perspectives learning how to use and author content. Topics covered include: social media and Web 2.0, blogs, wikis, podcasts, RSS feeds, viral video, social bookmarking, social media news releases, and other emerging web technologies. Prerequisite(s): A minimum grade of "C" in PRCA 2330.

PRCA 3339/3339S**Public Relations Publications: 3-0-3**

Provides students the opportunity to learn about and create specialized organizational print and online publications such as brochures and newsletters. Prerequisite(s): PRCA 2330 and PRCA 3330.

PRCA 3711**Public Relations Practicum: 0-2-1**

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: 3-0-3**

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 2330.

PRCA 4331**Public Relations Firms: 3-0-3**

Reviews the evolution and management of public relations firms and principles involved in counseling clients. Prerequisite(s): PRCA 3330 or permission of instructor.

PRCA 4332**Public Relations Crisis Communication: 3-0-3**

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 or permission of instructor.

PRCA 4335**Senior Seminar in Public Relations: 3-0-3**

Examines ethical issues and current topics in the practice of public relations. Prerequisite(s): PRCA 2330, PRCA 3330, PRCA 4330, or permission of instructor.

PRCA 4339**Public Relations Campaign Strategies: 3-0-3**

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 2330, PRCA 3330, and PRCA 4330.

PRCA 4711**Public Relations Practicum: 1-0-1**

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)-0-(3-12)**

Provides practical experience in a professional public relations setting with public relations practitioner supervision. May be taken only by public relations majors. Prerequisite(s): A minimum grade of "C" in PRCA 3330 and a minimum 2.5 total institution GPA. May be taken only by public relations majors.

PRCA 4792**Public Relations Internship: 0-15-3**

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 2330 and PRCA 3330.

PRCA 4793**Public Relations Internship: 0-15-3**

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 2330 and PRCA 3330.

PRCA 4794**Public Relations Internship: 0-15-3**

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 2330 and PRCA 3330.

PRCA 4831**Directed Study in Public Relations: 3-0-3**

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 2330 or permission of instructor.

Psychology (CLASS)**PSYC 1101/1101H/1101S****Introduction to Psychology: 3-0-3**

A survey of the major concepts and findings in the fundamental subfields of psychology encouraging their application to the understanding of human behavior in everyday life. Prerequisite for all upper division psychology courses.

PSYC 2210**Careers in Psychology: (1-2)-0-1**

Reviews research and theories of college student development, familiarizes students with career options in psychology, helps students clarify personal interests and career goals, and prepares them for job searching or admission to graduate school. Required of all psychology majors. Prerequisite(s): PSYC 1101, declaration of Psychology as major.

PSYC 2231**Psychological Statistics: 3-0-3**

Students learn to choose, execute, interpret, and present results for the statistical procedure most commonly used in psychological research. Prerequisite(s): A minimum grade of "C" in PSYC 1101 and MATH 1101 or MATH 1111 or MATH 1112 or MATH 1113 or MATH 1232 or MATH 1441.

PSYC 3030/3030S**Selected Topics: 3-0-3**

Focuses on humanistic and transpersonal approaches to psychology, those "third" and "fourth" forces that offer a view of the person which goes beyond that offered by positivistic behavioral theory or by classical psychoanalytic theory.

PSYC 3130**Psychological Tests and Measurements: 3-0-3**

Provides an overview of psychological assessment with emphasis on the construction of psychological tests. Prerequisite(s): A minimum grade of "C" in PSYC 1101.

PSYC 3141/3141H**Research Methods in Psychology: 3-2-4**

Students learn the fundamental principles of research in psychology, including experimental, quasi-experimental, and correlational approaches. Prerequisite(s): PSYC 1101 and PSYC 2231.

PSYC 3230**Psychology of Adjustment: 3-0-3**

Studies the factors that promote psychological adjustment with emphasis on self-help techniques. Prerequisite(s): PSYC 1101.

PSYC/RELS 3231**Psychology of Religion: 3-0-3**

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): PSYC 1101.

PSYC/WGST/INTS 3232**Psychology of Gender: 3-0-3**

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.

PSYC 3234**Industrial/Organizational Psychology: 3-0-3**

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): PSYC 1101.

PSYC 3235**Behavior Modification: 3-0-3**

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): PSYC 1101.

PSYC 3236**Psychology of Substance Abuse: 3-0-3**

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): PSYC 1101.

PSYC 3237**Psychology of Human Sexuality: 3-0-3**

Focuses on sexual motivation, attraction and love, sexual orientation, sexual techniques, sexual morals and politics, paraphilias, 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): PSYC 1101.

PSYC 3330/3330S**Abnormal Psychology: 3-0-3**

Designed to provide an introduction to the concepts of "normal" and "abnormal" behavior, the traditional categories of psychological disorders, and the etiology of these disorders. Prerequisite(s): PSYC 1101.

PSYC 3331/3331H**Child Psychology: 3-0-3**

Studies psychological theories, research, and application of psychology as these relate to the social and cognitive development of the child from conception through adolescence. Prerequisite(s): PSYC 1101.

PSYC 3332**Psychology of Adolescence: 3-0-3**

Examines theories and research on physical, cognitive, personality, and social development in adolescence, emphasizing normal development. This course will not satisfy the requirements in adolescent psychology or educational psychology for teacher certification. Prerequisite(s): PSYC 1101.

PSYC 3333**Lifespan Developmental Psychology: 3-0-3**

Provides a comprehensive overview of normal human development from conception through old age. Prerequisite(s): PSYC 1101.

PSYC 3334/3334H/3334S**Social Psychology: 3-0-3**

Studies the social determinants of human behavior and surveys current theories and findings in such major content areas as social cognition, attitudes, prejudice, gender roles, conformity, obedience, interpersonal attraction, prosocial behavior, aggression, and group influence. Prerequisite(s): PSYC 1101.

PSYC 3335**Personality Psychology: 3-0-3**

Surveys research findings on selected aspects of personality, as well as, determinants and development of personality, research methods, and personality assessments. Prerequisite(s): PSYC 1101.

PSYC/RELS 3336/3336H**Humanistic and Transpersonal Psychology: 3-0-3**

This course will focus on humanistic and transpersonal approaches to psychology, those "third" and "fourth" forces that offer a view of the person which goes beyond that offered by positivistic behavioral theory or by classical psychoanalytic theory. Prerequisite(s): PSYC 1101.

PSYC/LING 3534**Psychology of Language: 3-0-3**

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, LING 3533, LING 3630, or permission of instructor.

PSYC 3890/3890H**Research Experience: (1-6)-0-(1-6)**

Students work with a faculty member on his/her research to gain experience on a research project. Prerequisite(s): PSYC 1101.

PSYC 4131**Advanced Psychological Statistics: 3-0-3**

Students learn to apply advanced statistical and research procedures used in psychology. Prerequisite(s): PSYC 3141.

PSYC 4143**Senior Research: 3-2-4**

Students design, execute, write up, and present an original empirical research project. Prerequisite(s): PSYC 4131.

PSYC 4430**Cognitive Psychology: 3-0-3**

Explores the nature of human intellectual functioning and the research methods for doing so. Prerequisite(s): PSYC 1101.

PSYC 4431**Motivation and Emotion: 3-0-3**

Examines theories and research in the areas of motivation and emotion with emphasis on humans. Prerequisite(s): PSYC 1101.

PSYC 4432**Sensation and Perception: 3-0-3**

Presents some fundamental concepts, methodologies, and research findings in the study of human sensory and perceptual functioning. Prerequisite(s): PSYC 1101.

PSYC 4433**Principles of Learning: 3-0-3**

Introduces the basic principles of learning and the scientific study of learning in humans and nonhumans. Prerequisite(s): PSYC 1101.

PSYC 4434**Animal Behavior: 3-0-3**

A survey of methods, theories, and research in animal behavior, with attention also being given to evolutionary theories of human behavior. Prerequisite(s): PSYC 1101.

PSYC 4436/4436H**Theories of Psychotherapy: 3-0-3**

Provides students with a comprehensive review of the major theoretical orientations used in the practice of psychotherapy, including issues related to psychotherapy research and the applicability of these theories to a range of clients. Prerequisite(s): PSYC 1101.

PSYC 4630**Senior Seminar: 3-0-3**

An in-depth exploration of the theory and research finding pertaining to a broad topic integrating various areas of psychology. Prerequisite(s): At least 17 hours of psychology including PSYC 3141.

PSYC 4730**Internship in Psychology: 3-0-3**

Through both classroom and field work, students gain practical experience through volunteer field work in a setting related to psychology. Prerequisite(s): A minimum grade of "C" in PSYC 3141.

PSYC 4832**Directed Study: (1-6)-0-(1-6)**

Consists of in-depth investigation of an area within psychology not normally covered in the curriculum. Prerequisite(s): PSYC 1101 and permission of instructor.

PSYC 4841/4841H**Directed Research: 0-0-4**

Under the supervision of faculty member, the individual student completes all phases of a research project in an area of the student's interest. Prerequisite(s): PSYC 4131 and permission of instructor.

PSYC 5030**Selected Topics: 3-0-3**

Scheduled on an irregular basis to explore special areas in psychology not offered in the regular curriculum and will carry a subtitle. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): PSYC 1101.

PSYC 5230**Health Psychology: 3-0-3**

Surveys the application of psychological principles in the treatment and prevention of health related problems. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): PSYC 1101.

PSYC 5232**Psychology and Law: 3-0-3**

An introduction to the interdisciplinary study of psycholegal research and scholarship. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): PSYC 1101.

PSYC 5330**Psychology of Aging: 3-0-3**

Examines developmental psychological processes in later adulthood, including changes with age in perception, intelligence, learning, memory, personality, and social behaviors. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): PSYC 1101.

PSYC 5430/5430H/5430S**Physiological Psychology: 3-0-3**

A broad survey of the nervous system with emphases on functional relationships between the nervous system and behavior and on the techniques and methods used to examine the physiological bases for human and nonhuman animal behavior. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): PSYC 1101.

PSYC 5431**Evolutionary Psychology: 3-0-3**

A survey of the methods and theories of the new field of evolutionary psychology emphasizing how human behavior and cognition develop from an interaction of life experiences with inherited interests, tendencies, and abilities that have been shaped by natural selection. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): PSYC 1101.

PSYC 5530**History and Systems: 3-0-3**

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 and at least 17 hours of psychology courses.

Public Health (COPH)

PUBH 4090/4090S

Selected Topics in Public Health: (1-3)-0-(1-3)

Allows the student the opportunity to receive specialized and/or focused instruction in a public health topic not generally offered by the College. Prerequisite(s): Permission of instructor.

PUBH 4890

Directed Individual Study: (1-3)-0-(1-3)

Provides the student with an opportunity to investigate an area of interest under the direction of a faculty mentor. Prerequisite(s): Permission of instructor.

PUBH 5520

Introduction to Public Health: 2-0-2

This course is designed to give students a foundation in the core functions of the population-based public health (assessment, policy development and assurance). In addition, this course will examine the 10 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.

Reading (COE)

READ 0099

Academic Reading: 4-0-4

Designed to prepare students to process academic information effectively and efficiently in university reading-intensive courses through the use of reading, reactive writing, and learning strategies. Emphasizes advanced reading comprehension techniques that facilitate the interpretation of printed academic materials. Students are encouraged to pursue reading as an ongoing, interactive, critical thinking process. Audit or institutional credit only.

READ 2230

Cognition and Language: 3-0-3

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. Prerequisite(s): Sophomore standing.

READ 3330

Content Literacy: 3-0-3

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. Prerequisite(s): Admission to Teacher Education Program.

READ 4090

Selected Topics in Reading: (1-3)-0-(1-3)

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: 3-0-3

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. Considers 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: 3-0-3

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" on educational contexts. Students will be expected to actively participate in this learning community and create technology-based lessons that they can use as professional literacy educators. Prerequisite(s): A minimum grade of "C" in READ 2230.

READ 4233

Literacy: Assessment and Instruction: 3-0-3

This course examines literacy difficulties encountered by children in the classroom. It emphasizes a diagnostic-prescriptive approach to instruction which utilizes multiple indicators of literacy performance. Using data from individual cases, students practice problem solving strategies as they relate to classroom situations. Students assess literacy performance, analyze available information, and plan instruction. Prerequisite(s): ECED 3262 or READ 4131.

Recreation (CHHS)

RECR 1530

Introduction to Recreation: 3-0-3

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 Therapeutic Recreation: 3-0-3

An overview of the models of therapeutic recreation practice. Students will demonstrate an understanding of the underlying philosophical and historical underpinnings for the therapeutic recreation profession. Students will demonstrate knowledge of the rationale for the inclusion of therapeutic recreation in the health care delivery system. Students will demonstrate an understanding of the etiology of disease with the specific implications for the provision of therapeutic recreation service delivery.

RECR 2530

Leadership and Programming in Leisure Services: 3-0-3

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 Therapeutic Recreation: 3-0-3

Basic understanding of program development and leadership issues related to developing program plans, activity analyses, and behavioral objectives in Therapeutic Recreation settings.

RECR 3230

Adventure Education: 3-0-3

Foundation of adventure education, philosophy, ethics, benefits, theoretical underpinnings, research, model programs, and use of adventure education programs for the delivery of services to an expanding clientele base.

RECR 3235**Outdoor Recreation Management: 3-0-3**

The history, philosophy, policies, and laws associated with natural and cultural resource management, and to ecological and heritage preservation concepts as they apply to resource management.

RECR 3236**Planning Recreations Areas and Facilities 3-0-3**

Basic understanding of the principles and procedures for planning, designing, and operating recreation and park areas and facilities.

RECR 3335**Introduction to Tourism Management: 3-0-3**

Fundamental understanding of the dynamics and components to tourism and the tourism industry from the historical and applied perspectives.

RECR 3336**Heritage Tourism: 3-0-3**

Examines the managerial issues and promotional techniques required for the effective operation of heritage-based tourism and leisure service entities. Prerequisite(s): Completion of Area F requirements.

RECR 3337**International Tourism: 3-0-3**

Introduces the student to the field of international tourism from the social, scientific and applied perspectives, including such concepts as: tourist motivation, foreign exchange, migration, deviant practices associated with international tourism, and the phenomena of tourist-host relations.

RECR 3430**Conference and Event Planning: 3-0-3**

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: 3-0-3**

Utilizes an intensive one-week field school methodology and provides students with an exposure to, and understanding of, the various attractions and infrastructure that comprise 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.

RECR 4130**Assessment and Documentation in Therapeutic Recreation: 3-0-3**

Provides students with knowledge related to the systems approach to the clinical concepts of therapeutic recreation. Students will demonstrate an ability to conduct assessments, document on outcomes, and participate in comprehensive program planning.

RECR 4135**Therapeutic Recreation Intervention Techniques: 3-0-3**

Provides students with the ability to utilize various intervention techniques. Students will demonstrate the ability to conduct activity and task analysis. Students will demonstrate an understanding of adaptive equipment and leisure education. Students will demonstrate an understanding of advocacy.

RECR 4230**Environmental Education and Interpretation: 3-0-3**

An overview of principles and practices associated with effective management of recreation users in natural and cultural resource settings and with the concepts and techniques of interpretation.

RECR 4430**Financial and Legal Dimensions of Recreation: 3-0-3**

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: 3-0-3**

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.

RECR 4530/4530S**Marketing Recreation Services: 3-0-3**

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: 3-0-3**

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: 3-0-3**

Provides students with the opportunity to practice and develop skills related to becoming a professional in the Recreation field. Specifically, student will experience opportunities for networking, participate in professional Recreation meetings, develop cover letter and resume skills, develop interview skills, and initiate the internship process via researching multiple sites, contacting appropriate sites, and selecting an emphasis area specific site for internship. Prerequisite(s): A minimum grade of "C" in RECR 1530 and RECR 2530 or permission of instructor.

RECR 4730**Professional Advancement in Therapeutic Recreation: 3-0-3**

This course is designed to prepare students in therapeutic recreation for making the transition from education to practice. Outside of the classroom, students will complete supervised work under the guidance of a Certified Therapeutic Recreation Specialist. Within the classroom, students will have the opportunity to discuss current issues in therapeutic recreation, focusing on the application of knowledge to current trends and issues in therapeutic recreation. Special emphasis will be made on applying for and testing for NCTRC certification. Prerequisite(s): A minimum grade of "C" in RECR 2130 and RECR 3135 or permission of instructor.

RECR 4790/4790S**Internship: 12-0-12**

A sixteen-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 major core requirements, area of emphasis, non-recreation courses, 200 hours of community service, and permission of advisor.

RECR 4830**Selected Topics in Recreation: 0-0-3**

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 in a rigorous, closely directed, research or exploratory environment.

Regional Economic Development (COBA)**REDV 3130****Introduction to Regional Economic Development: 3-0-3**

This course provides an overview of regional economic development programs and provides guidelines for the regional development planning

process. The course addresses the regional economic development profession and associated career opportunities and discusses tools used in economic development efforts. The course requires a service project in which the student works with an outside economic development agency to apply the theories and techniques learned in class. Prerequisite(s): A minimum grade of "C" in ECON 2105.

REDV/ECON 4131

Applied Econometrics and Regional Analysis: 3-0-3

The course outlines analytical and empirical tools used by the contemporary economic development specialist and economist. The methodology of data collection and estimation of regression models are introduced. Moreover, the course covers methods of forecasting, linear programming, derivation of impact multiplier analysis, and cost-benefit analysis. Prerequisite(s): A minimum grade of "C" in ECON 2106, and BUSA 3131 or STAT 2231.

REDV/ECON 4431

Economic Development: 3-0-3

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 and ECON 2106.

REDV 4730

Regional Economic Development Field Project: 3-0-3

The student will work under the supervision of both an advising faculty member and an economic development professional on a specific, well-defined economic development activity for a local business or governmental unit. Prerequisite(s): REDV 4131 and prior approval of the department chair.

REDV 4830/4830S

Special Problems in Regional Economic Development: 3-0-3

Students have the opportunity to pursue studies at a level or in topics not covered in scheduled courses. The scope and nature of the material covered is determined in consultation with the faculty sponsor. Prerequisite(s): REDV 3130, Junior standing, and permission of director.

REDV 4890

Directed Study in Regional Economic Development: 3-0-3

Designed for independent study and research in selected areas of regional economic development under faculty supervision. Prerequisite(s): REDV 3130; Permission of director.

Religious Studies (Interdisciplinary)

RELS 2130/2130H/2130S

Introduction to Religion: 3-0-3

Introduction to definitions, perspectives, and methods used in religious studies, as well as, to the varieties of religious issues and expressions.

RELS 3030/3030S

Selected Topics: 3-0-3

Selected topics in religious studies.

RELS/PHIL 3131

World Religions: 3-0-3

The teachings concerning people and their relations to God and the world found in the major world religions. Judaism, Christianity, Islam, Hinduism, Confucianism, Jainism, and Buddhism are among the religions studied.

RELS 3134

Introduction to Asian Religions: 3-0-3

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: 3-0-3

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 Global Islam: 3-0-3

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/HIST 3139

History of Religion in the U.S.: 3-0-3

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.

RELS/PSYC 3231

Psychology of Religion: 3-0-3

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): PSYC 1101.

RELS/HIST 3233

The Early Church: 3-0-3

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).

RELS 3238

The Hebrew Prophets: 3-0-3

This course will introduce the student to the major themes of the Hebrew Prophets. We shall examine the various historical and cultural contexts of the prophets as much as this is possible, and explore the prophets' message with a particular emphasis on textual analysis and implications for contemporary society.

RELS/HIST/INTS 3250

The Muslim World to Tamerlane: 3-0-3

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.

RELS/HIST/INTS 3251

The Muslim World Since Genghis Khan: 3-0-3

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.

RELS 3330

Introduction to the Hebrew Bible: 3-0-3

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/HIST 3334

Christian Europe 450-1750: 3-0-3

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.

RELS 3335**Introduction to the New Testament: 3-0-3**

This course introduces the fundamental ideas, themes, and trajectories represented in New Testament texts. We shall examine the historical, cultural, and religious contexts of the New Testament and broaden our understanding of the various claims of its texts. We shall also question and reflect upon the New Testament's contemporary relevance. Close attention will be paid to the texts.

RELS/PSYC 3336/3336H**Humanistic and Transpersonal Psychology: 3-0-3**

This course will focus on humanistic and transpersonal approaches to psychology, those "third" and "fourth" forces that offer a view of the person which goes beyond that offered by positivistic behavioral theory or by classical psychoanalytic theory. Prerequisite(s): PSYC 1101.

RELS/PHIL 3635**Existentialism: 3-0-3**

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.

RELS/HIST 4336**Science and Religion: 3-0-3**

Examines the interactions between science and religion from ancient times to the present.

RELS/ANTH 4337**Folklife and Folk Religion: 3-0-3**

A survey of ritual, sacred narrative, storytelling, art, music, and other expressive forms found in folk communities. Examines the creation and persistence of religious tradition in informally constituted settings, both in the United States and internationally.

RELS/PHIL 4632**Philosophy of Religion: 3-0-3**

An in-depth examination of religious teachings and basic philosophical problems associated with them. Topics considered will include creation, salvation, life after death, the origin of evil, religious experience, and God.

RELS 4890**Seminar in Religious Studies: 3-0-3**

Seminar in Religious Studies.

RELS/SOCI 5133/5133S**Sociology of Religion: 3-0-3**

Focuses 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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): SOCI 1101.

RELS/HIST 5332**The Reformation: 3-0-3**

Focuses on the breakup of western Christian unity in the sixteenth century, particularly on the formation of Lutheran and Calvinist denominations and the social, political, and economic consequences for all Europeans through the seventeenth century. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

RELS/COML/ENGL 5530**The Bible as Literature: 3-0-3**

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. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

Secondary Education (COE)**SCED 3237****Science Methods: 2-3-3**

Designed to assist students in understanding the purpose of science in the secondary school curriculum and becoming familiar with 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 of skills and on developing strategies to facilitate working with the diverse student populations present in public schools. Prerequisite(s): Admission to Teacher Education Program. Corequisite(s): SCED 4138 and EDUF 3234.

SCED 3337**Methods of Teaching Language Arts in the Secondary School: 2-3-3**

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 7-12. Includes a field-based component which requires teaching language arts in a secondary school classroom. Prerequisite(s): Admission to Teacher Education Program. Corequisite(s): SCED 4138 and EDUF 3234.

SCED 3437**Social Science Methods: 2-3-3**

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. Includes a field-based component which requires teaching social science in a secondary school classroom. Prerequisite(s): Admission to Teacher Education Program. Corequisite(s): SCED 4138 and EDUF 3234.

SCED 3537**Methods of Teaching Mathematics in Secondary School: 2-3-3**

A study of teaching methods and materials, curriculum content, and trends in secondary school mathematics. Prerequisite(s): Admission to Teacher Education Program. Corequisite(s): SCED 4138 and EDUF 3234.

SCED 4137**Methods of Teaching in the Secondary School: 2-3-3**

This course is designed to assist students in understanding, planning and teaching practices in the secondary school and in becoming familiar with best practices in secondary instruction. Skills are developed in planning, conducting, and evaluating instruction using classroom and practicum experiences. Major emphasis is placed on planning, presentation, and assessment skills, and on developing strategies to facilitate working with the diverse student populations present in public schools. Prerequisite(s): Admission to Teacher Education Program. Corequisite(s): SCED 4138, SCED 4731, and EDUF 3234.

SCED 4138**Secondary Curriculum: 3-2-3**

Addresses the linear curriculum design model for use in designing secondary school curriculum. Emphasis is placed on designing an instructional unit focusing on the selection of appropriate learning objectives related to specific knowledge and skills, selection of interactive learning activities and appropriate assessment of student progress. Consideration is given to research based effective teaching behavior. Includes a field-based component which requires planning and teaching an instructional unit in a secondary school classroom in the student's teaching field. Prerequisite(s): Admission to Teacher Education Program. Corequisite(s): SCED 4137, SCED 4731, and EDUF 3234.

SCED 4731**Secondary School Practicum: 0-3-3**

This supervised practicum is a field-based teaching experience in a secondary school classroom. Candidates will complete structured observations and plan and teach an instructional unit in one's teaching field. Emphasis is placed on lesson and unit planning, a variety of instructional strategies and use of instructional technology, and professional reflection. Prerequisite(s): Admission to Teacher Education program. Corequisite(s): SCED 4137, SCED 4138, and EDUF 3234.

SCED 5799**Student Teaching in Secondary Education: 0-40-9**

A period of guided teaching during which the student, under the direction of a cooperating teacher, 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.

Sport Management (CHHS)**SMGT 2130****Introduction to Sport Management: 3-0-3**

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: 3-0-3**

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.

SMGT 3230**Economics of Sport: 3-0-3**

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 2231; and RECR 2330 or CISM 1120 and CISM 1110.

SMGT 3236**Financial Management of Sport: 3-0-3**

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, ECON 2105, SMGT 2130, SMGT 2230, STAT 2231; and RECR 2230 or CISM 1120 and CISM 1110.

SMGT 3237/3237S**International Sport Management: 3-0-3**

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, RECR 2330, SMGT 2130, SMGT 2230, and STAT 2231.

SMGT 3238**Management of Sport Organizations: 3-0-3**

Introduces the student to the operation of actual sport enterprises. Prerequisite(s): A minimum grade of "C" in ACCT 2030, ECON 2105, SMGT 2130, SMGT 2230, STAT 2231; and RECR 2330 or CISM 1120 and CISM 1110.

SMGT 3330/3330H**Sport Promotion and Marketing: 3-0-3**

Focuses on the application of marketing principles and practices to the sport industry. Prerequisite(s): A minimum grade of "C" in MKTG 3131, ACCT 2030, ECON 2105, SMGT 2130, SMGT 2230, STAT 2231; and RECR 2330 or CISM 1120 and CISM 1110.

SMGT 4090/4090S**Selected Topics in Sport Management: (1-3)-0-(1-3)**

Provides a student with in-depth study of selected topics in Sport Management. Prerequisite(s): Permission of instructor.

SMGT 4330**Facility and Event Management: 3-0-3**

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, ECON 2105, SMGT 2130, SMGT 2230, STAT 2231; and RECR 2330 or CISM 1120 and CISM 1110.

SMGT 4336**Sport Business Operations: 3-0-3**

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 2231; and RECR 2330 or CISM 1120 and CISM 1110.

SMGT 4337**Legal Aspects of Sport: 3-0-3**

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, ECON 2105, SMGT 2130, SMGT 2230, STAT 2231; and RECR 2330 or CISM 1120 and CISM 1110.

SMGT 4338/4338S**Sport Policy Development: 3-0-3**

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 "C" in ACCT 2030, ECON 2105, SMGT 2130, SMGT 2230, STAT 2231; and RECR 2330 or CISM 1120 and CISM 1110.

SMGT 4630**Baseball and American Culture: 3-0-3**

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.

SMGT 4735**Sport Management Internship: 0-40-12**

The student is involved in a full-time (40 hours per week) external working experience with a host sport organization. The internship allows the senior student an opportunity to receive practical experience in a selected sport management-related setting. Prerequisite(s): Completion of main core requirements and permission of advisor. Requires a 2.25 GPA to enroll (reduced from 2.5). Students who do not meet 2.25 requirement may complete twelve (12) hours approved course work as substitute for the internship, with approval of department chair.

SMGT 4899**Directed Individual Study: (1-6)-0-(1-6)**

Provides the student with the opportunity to investigate an area of interest under the direction of a faculty mentor. Prerequisite(s): Permission of instructor.

Sociology (CLASS)**SOCI 1101/1101H/1101S****Introduction to Sociology: 3-0-3**

The discipline of sociology and the sociological perspective as a tool for understanding society and culture, including the interpersonal, intergroup, and international dimensions of social life.

SOCI 2232**Introduction to Social Services: 3-0-3**

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 3094/3094S**Selected Topics in Sociology: (1-3)-0-(1-3)**

Various topics.

SOCI 3231**Practice Skills: 3-0-3**

An examination of the knowledge, skill, and value base for working in the social services. The emphasis is on preparation for practice in social services settings. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI 3333/3333S**Deviant Behavior: 3-0-3**

The study of deviant behavior from a sociological perspective. Topics include definitions of deviance, theories of rule making and rule breaking with special attention to rule making theories, and substantive examination of forms of deviant behavior with special attention to elite deviance. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI 3335**Social Change: 3-0-3**

Discussion of theories and causes of social change in contemporary or historical perspective. Prerequisite(s): SOCI 1101.

SOCI/AMST 3336/3336S**Social Problems: 3-0-3**

A general introduction to the study of social problems in areas such as deviance, social inequality, social change, and American institutions. Prerequisite(s): SOCI 1101.

SOCI 3431**Sociological Theory: 3-0-3**

An overview of the major classical sociological theorists, linking their contributions to contemporary issues and concerns. Covers key theorists and basic tenets of structural functionalism, conflict theory, and symbolic interactionism and introduces the process of theory construction. Prerequisite(s): SOCI 1101.

SOCI 3434**Methods of Social Research: 3-0-3**

A review of social research methods with emphasis on design, data collection, measurement, survey and analysis. Required of all sociology majors. Prerequisite(s): SOCI 1101 and STAT 2231.

SOCI 3435**Environmental Sociology: 3-0-3**

This course focuses on the interconnectedness of human societies and the natural environment and explores contemporary (and often controversial) environmental issues. Prerequisite(s): SOCI 1101.

SOCI 4231**Child Welfare and Family Services: 3-0-3**

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. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI 4232**Social Welfare Policy and Services: 3-0-3**

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. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI/WGST 4332/4332S**Sociology of Gender: 3-0-3**

Explores gender identity, gender roles, and gender social structures using the sociological perspective. Prerequisite(s): SOCI 1101.

SOCI 4334**Organizations, Work, and Technology: 3-0-3**

Examines organizations with an emphasis on the workplace. The course will explore relations within and between organizations using both classical and contemporary sociological and organizational theories. The course will examine how technology and the increasingly global economy influence these relations. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI 4335**Self and Society: 3-0-3**

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. Prerequisite(s): SOCI 1101.

SOCI/WGST 4338**Sport, Culture, and Society: 3-0-3**

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. Prerequisite(s): SOCI 1101.

SOCI/AAST 4431/4431S**Inequality: 3-0-3**

Examines the sociological approaches and theories of stratification and structured inequality, and analyzes the causes and consequences of economic, political, and social inequality. Prerequisite(s): SOCI 1101.

SOCI 4630**Senior Seminar: 3-0-3**

A capstone course which will enhance students' knowledge, understanding, and appreciation of the discipline. Key theoretical, methodological, and substantive issues in the discipline will be discussed. Required of all senior majors. Prerequisite(s): SOCI 3434, SOCI 3431, and senior standing.

SOCI 4790**Internship: (1-9)-0-(1-9)**

Designed as an educational placement to give practical experience in a sociologically and vocationally appropriate setting to students in the B.S. program in Sociology. Prerequisite(s): Permission of the major advisor from the Department of Sociology and Anthropology.

SOCI 4892**Directed Individual Research: 3-0-3**

Directed individual research.

SOCI 5094/5094S**Selected Topics in Sociology: (1-3)-0-(1-3)**

Various topics. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

SOCI 5132**Sociology of Community: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI/RELS 5133/5133S**Sociology of Religion: 3-0-3**

A 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. Theories and research methods used by sociologists to study religious beliefs and practices and religious institutions will be reviewed. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI 5134**Sociology of Childhood: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): SOCI 1101.

SOCI 5135**Aging: 3-0-3**

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, life-style options, health, death, and widowhood. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI 5137**Social Movements: 3-0-3**

A sociological study of social movements and such forms of collective behavior as mobs, crowds, rumors, riots, and mass hysteria. Key theories and research methods used by sociologists and other social scientists to study collective behavior will be reviewed. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI 5138**Sociology of the Family: 3-0-3**

A sociological study of the social forces that impinge on families, affecting the behaviors of family members and the forms that family units take. Key theories and research methods used by sociologists and other social scientists to study families will be reviewed. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI 5139/5139S**Sociology of Health Care: 3-0-3**

Analyzes health and illness from a sociological perspective. Attention will be given to health care institutions, roles, beliefs, and practices as well as

newly emerging roles. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): SOCI 1101.

SOCI 5140**Group Dynamics: 3-0-3**

This course will provide students with a knowledge base in group work. They will study the structure, organization, and function of groups and learn to identify stages of group development, roles group members play, and skills used by the group facilitator. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): SOCI 1101, SOCI 2232, or permission of instructor for undergraduates only.

SOCI 5332**Death and Dying: 3-0-3**

Examines sociocultural dimensions of death, dying, bereavement, grief, and mourning, including cross-cultural comparisons and social patterns in historical perspective. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI/AAST/AMST 5333**Race and Ethnicity: 3-0-3**

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): SOCI 1101.

SOCI 5433**Program Evaluation: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): SOCI 1101 or permission of instructor.

SOCI/ANTH/AAST/AMST 5435**The South in American Culture: 3-0-3**

The lifeways and social organization of rural society with emphasis on the South. Examines social institutions, community dynamics, social change, and the cultural distinctions of the region. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or SOCI 1101 or permission of instructor.

Spanish (CLASS)**SPAN 1001/1001S****Elementary Spanish I: 3-0-3**

Introduction to listening, speaking, reading, and writing in Spanish and to the culture of Spanish-speaking regions.

SPAN 1002/1002S**Elementary Spanish II: 3-0-3**

Continued listening, speaking, reading and writing, in Spanish with further study of the culture of Spanish-speaking regions. Prerequisite(s): SPAN 1001 or equivalent.

SPAN 1060/1060S**Accelerated Elementary Spanish: 6-0-6**

An accelerated introduction to listening, speaking, reading, and writing in Spanish and to the culture of Spanish-speaking regions. Completes elementary levels of Spanish in one semester.

SPAN 2001/2001H/2001S**Intermediate Spanish I: 3-0-3**

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 or permission of instructor.

SPAN 2002/2002H/2002S

Intermediate Spanish II: 3-0-3

Continued building upon proficiency skills (speaking, writing, listening, 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 or permission of instructor.

SPAN 2060/2060S

Accelerated Intermediate Spanish: 6-0-6

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): Completion of SPAN 1002 or equivalent.

SPAN 3030/3030S

Selected Topics in Spanish: (1-3)-0-(1-3)

Selected topics in Spanish. Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or permission of instructor.

SPAN 3130/3130S

Conversation: 3-0-3

Provides practice in listening, writing, reading, and speaking skills, with a focus upon speaking, using authentic cultural materials. Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or permission of instructor.

SPAN 3131/3131S

Spanish Grammar and Composition: 3-0-3

Provides practice in listening, speaking, reading, and writing skills, with a focus upon writing, using authentic cultural materials. Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or permission of instructor.

SPAN 3132

Spanish Phonetics and Phonology: 3-0-3

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 permission of instructor.

SPAN 3195/3195S

Studies Abroad: Language: 3-0-3

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 or permission of instructor.

SPAN 3295/3295S

Studies Abroad: Literature: 3-0-3

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 or permission of instructor.

SPAN 3336/3336S

Conversation, Composition, Culture: Mexico and Central America: 3-0-3

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 permission of instructor.

SPAN 3337

Conversation, Composition, Culture: The Caribbean: 3-0-3

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 permission of instructor.

SPAN 3338/3338S

Conversation, Composition, Culture: Spain: 3-0-3

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 permission of instructor.

SPAN 3339

Conversation, Composition, Culture: Latino USA: 3-0-3

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 permission of instructor.

SPAN 3395/3395S

Studies Abroad: Culture: 3-0-3

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 lifestyle of the country. Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or permission of instructor.

SPAN 3530/3530S

Introduction to Spanish for Business: 3-0-3

Provides a basic foundation in vocabulary and discourse related to functional business areas, practice in carrying out typical business transactions in Spanish, and practice in writing commercial documents in Spanish, including translating and interpreting activities. Prerequisite(s): A minimum grade of "C" in SPAN 2002 or SPAN 2060 or permission of instructor.

SPAN 3335/3335S

Conversation, Composition, Culture: South America: 3-0-3

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 permission of instructor.

SPAN 3630/3630S

Introduction to Hispanic Literature: 3-0-3

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 rudiments of literary analysis while they continue to work on the ability

to narrate, describe, and explain in all tenses. Prerequisite(s): A minimum grade of "C" in SPAN 3131 and one other 3000 level course or permission of instructor.

SPAN 4130/4130S

Advanced and Applied Conversation: 3-0-3

Builds on writing, reading, listening, and oral skills, using authentic cultural materials. 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 3630.

SPAN 4131/4131S

Spanish Stylistics: 3-0-3

Builds on writing, reading, listening, and oral skills, using authentic cultural materials. Focus on writing and the acquisition of advanced grammatical concepts appropriate for more complex communicative tasks, including stating and supporting opinions, hypothesizing, and writing in the abstract in linked-paragraph discourse. Prerequisite(s): A minimum grade of "C" in SPAN 3630 or permission of instructor.

SPAN 4132/4132S

Introduction to Hispanic Linguistics: 3-0-3

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 3630 or permission of instructor.

SPAN 4195/4195S

Studies Abroad: Advanced Language: 3-0-3

The practice of the Spanish language and study of the supporting grammatical structures using materials and resources available in the foreign country. Prerequisite(s): Three Spanish courses at the 3000 level or permission of instructor.

SPAN/LAST 4231/4231S

Spanish American Life, Literature, and Thought: 3-0-3

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 3630 or permission of instructor.

SPAN 4233

Peninsular Life, Literature, and Thought: 3-0-3

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 3630 or permission of instructor.

SPAN 4295/4295S

Studies Abroad: Advanced Literature: 3-0-3

An intensive study of literary works thematically related to the country or culture visited by the student. Prerequisite(s): Three Spanish courses at the 3000 level or permission of instructor.

SPAN 4395/4395S

Studies Abroad: Advanced Civilization: 3-0-3

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): Three Spanish courses at the 3000 level or permission of instructor.

SPAN 4530/4530S

Advanced Spanish for the Professions: 3-0-3

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): SPAN 3530 and one additional 3000 level SPAN course or permission of instructor.

SPAN 4532/4532H/4532S

Translation and Interpretation: 3-0-3

Introduction to the field of interpretation and translation. Comparative study of characteristic modes of expression and introduction to the theoretical aspects and practical techniques of translation and interpretation, using documents from a variety of professions. Prerequisite(s): A minimum grade of "C" in SPAN 3630 or permission of instructor.

SPAN 4533

Hispanic Business Through Literature and Culture: 3-0-3

Study of authentic cultural materials that demonstrate the influence of social, economic, and political thought on business and professional practices in the Hispanic world. Prerequisite(s): A minimum grade of "C" in SPAN 3630 or permission of instructor.

SPAN 4635/4635H

Transatlantic Studies: 45-0-3

In this course, proficiency skills (speaking, listening, writing, reading) are refined as depth and nuance are added to the understanding of Hispanic history, literature, culture, and contemporary events through an in-depth study of a particular topic that spans the Spanish-speaking world temporally and geographically. Prerequisite(s): A minimum grade of "C" in SPAN 3630 or permission of instructor.

SPAN 4790/4790S

Spanish Internship: (1-15)-0-(1-15)

Internship in one or more Spanish speaking countries. Prerequisite(s): A minimum grade of "C" in SPAN 3630 and permission of instructor and of department chair.

SPAN 4890/4890S

Directed Study in Spanish: (1-15)-0-(1-15)

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): A minimum grade of "C" in SPAN 3630 and permission of instructor and of department chair.

SPAN 5030/5030S

Selected Topics in Spanish: (1-3)-0-(1-3)

Selected topics in Spanish. Graduate students will be assigned extra work that undergraduates will not be required to do. Prerequisite(s): A minimum grade of "C" in one 4000-level Spanish course or permission of instructor.

SPAN 5230

Studies in Hispanic History: 3-0-3

Practice of superior-level Spanish-proficiency skills through the examination of the history of the Spanish-speaking world. Graduate students must produce an extra paper/project, give an extra conference-length presentation, and conduct extra research that is not required of the undergraduate students. Course repeatable for credit with advisor approval. Prerequisite(s): A minimum grade of "C" in one 4000-level Spanish course or permission of instructor.

SPAN/LAST 5232

Studies in Hispanic Societies: 3-0-3

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. Graduate students must produce an extra paper/project, give an extra conference-length presentation, and conduct extra research that is not required of the undergraduate students. Course repeatable for credit with advisor approval. Prerequisite(s): A minimum grade of "C" in one 4000-level Spanish course or permission of instructor.

SPAN 5234

Studies in Hispanic Literature: 3-0-3

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. Graduate students must produce an extra paper/project, give

an extra conference-length presentation, and conduct extra research that is not required of the undergraduate students. Course repeatable for credit with advisor approval. Prerequisite(s): A minimum grade of "C" in one 4000-level Spanish course or permission of instructor.

SPAN 5331

Latinos in the U.S.: 3-0-3

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. Graduate students will be assigned extra work that undergraduates will not be required to do. Prerequisite(s): A minimum grade of "C" in one 4000-level Spanish course or permission of instructor.

SPAN 5332

Studies in Hispanic Film: 3-0-3

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. Graduate students must produce an extra paper/project, give an extra conference-length presentation, and conduct extra research that is not required of the undergraduate students. Course repeatable for credit with advisor approval. Prerequisite(s): A minimum grade of "C" in one 4000-level Spanish course or permission of instructor.

Special Education (COE)

SPED 3130

Characteristics of Learners with Special Needs: 3-0-3

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 into Teacher Education Program. Corequisite(s): SPED 3131, SPED 3134, and SPED 3711.

SPED 3131

Assessment in Special Education: 3-0-3

This course is designed to provide an overview of a variety of assessment techniques, including observations, teacher-made tests, 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 into the Teacher Education Program. Corequisite(s): SPED 3134. Additional corequisite(s) for BSED Early Childhood/Special Education dual certification majors are SPED 3133 and SPED 3331. Additional corequisite(s) for BSED Special Education majors are SPED 3130 and SPED 3711.

SPED 3133

Methodologies of Inclusive P-5 Settings: 3-2-3

The 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. Corequisite(s) SPED 3131, SPED 3134, SPED 3331.

SPED 3134

Special Education Procedures: 3-0-3

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.* Prerequisite(s): Admission into the Teacher Education Program. Corequisite(s): SPED 3131. Additional corequisite(s) for BSED Early Childhood/Special Education dual certification majors are SPED 3133

and SPED 3331. Additional corequisite(s) for BSED Special Education majors are SPED 3130 and SPED 3711.

SPED 3231

Classroom Management: 3-0-3

This course is designed to initiate the preservice teacher in the basic procedures for instructional and behavior management of students with disabilities. Emphasis is placed on the understanding and development of skills in the following areas: data-based behavioral management, including several theoretical paradigms; research-based effective instructional management; and applied behavior analysis techniques. Prerequisite(s): for BSED Special Education majors are SPED 3722. Corequisite(s): for BSED Special Education majors are SPED 3631, SPED 4733, and SPED 4734.

SPED 3331

Introduction to Special Education for Early Childhood Education: 3-0-3

This course is designed to examine: (a) the characteristics of students with disabilities, (b) the educational and legal implication 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. Prerequisite(s): Admission to Teacher Education Program.

SPED 3332

Introduction to Special Education in the Middle Grades: 3-0-3

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. Prerequisite(s): Admission to Teacher Education Program.

SPED 3333

Introduction to Special Education: 3-0-3

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. Prerequisite(s): Admission to Teacher Education Program.

SPED 3631

Inclusive Practices: 3-0-3

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. Prerequisite(s): A minimum grade of "C" in SPED 3722. Corequisite(s): SPED 3231, SPED 4733, and SPED 4734.

SPED 3711

Special Education Practicum I: 0-(2-3)-1

This practicum course is designed to provide an opportunity for students to work within the classroom to practice skills taught in corequisite courses addressing characteristics, assessment, and curricular choices for individuals with special needs. Prerequisite(s): Admission into the Teacher Education Program. Corequisite(s): SPED 3130, SPED 3131, and SPED 3134.

SPED 3722

Special Education Practicum II: 0-5-2

This practicum course is designed to provide an opportunity for preservice teacher candidates to work within P-12 classrooms to conduct formal observations of the classroom and specific students within that context. In addition, the preservice teacher candidates are required to design a unit of instruction appropriate to the students within the two assigned classrooms to be graded in the appropriate SPED Methods course. A significant amount of tutoring in small groups is included. Prerequisite(s): SPED 3711. Corequisite(s): SPED 4230 and SPED 4231.

SPED 4090**Special Education Special Topics: (1-3)-0-(1-3)**

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: 3-0-3**

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. Prerequisite(s): A minimum grade of "C" in SPED 3711. Corequisite(s): SPED 3722 and SPED 4231.

SPED 4231**Instructional and Behavior Management Methods, 6-12: 3-0-3**

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 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 3711. Corequisite(s): SPED 3722 and SPED 4230.

SPED 4430**Family, Community and Professional Collaboration: 3-0-3**

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. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "S" in SPED 5799, or CHFD 5799 and completion of teaching field courses and professional education sequence.

SPED 4733**SPED Practicum III: 0-20-3**

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 SPED 3722. Corequisite(s): SPED 3231, SPED 3631, and SPED 4734.

SPED 4734**SPED Practicum IV: 0-20-3**

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. Corequisite(s): SPED 3231, SPED 3631, and SPED 4733.

SPED 5030**Infants, Toddlers with Disabilities Methods: 3-0-3**

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 intervention (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 CHFD 3131 and SPED 3331.

SPED 5031**PreK and Kindergarteners with Disabilities Methods: 3-0-3**

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: 0-40-9**

Student teaching is a period of guided teaching practice. Under the direction of a supervising teacher, students gradually assume increasing responsibility for classroom instruction and management. During this experience, students are expected to engage directly in many of the activities which constitute the wide range of a teacher's responsibility. Prerequisite(s): Completion of all other teaching field courses and professional education sequence and must meet requirements for admission to Student Teaching. Corequisite(s): SPED 4430.

Statistics (COSM)**STAT 2231/2231H****Introduction to Statistics I: 3-0-3**

An introductory statistics course which covers descriptive statistics, probability, random variables and selected probability distributions, statistical inference including confidence intervals and hypothesis tests. Appropriate technology will be used for simulation and to solve statistical problems. Neither a background in calculus nor experience with computers is required. Prerequisite(s): A minimum grade of "C" in MATH 1101, or MATH 1111, or MATH 1112, or MATH 1113, or MATH 1232, or MATH 1441.

STAT 2232**Introduction to Statistics II: 3-0-3**

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 2231.

STAT 3130**Applied Statistics: 3-0-3**

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 or equivalent.

STAT 4090**Selected Topics in Statistics: (1-3)-(0-2)-(1-3)**

Specialized study in a selected area of Statistics. Prerequisite(s): Permission of the instructor.

STAT 4890**Directed Study in Statistics: (1-3)-(0-2)-(1-3)**

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.

STAT 5130**Sampling and Survey Methods: 3-0-3**

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, systemic, cluster and multistage sampling. Emphasis on appropriate sample type and estimation of parameters. 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 STAT 2231 or, with permission of instructor, any course in introduction to statistics.

STAT 5330**Introduction to Mathematical Statistics: 3-0-3**

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. This course covers part of the material outlined in the Society of Actuaries' course 110. 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 3337.

STAT 5531**Statistical Methods I: 3-0-3**

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. Both parametric and nonparametric methods are presented for the analysis of central tendency, variability, proportions and categorical data. 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 3337.

STAT 5532**Statistical Methods II: 3-0-3**

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. 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 STAT 5531 or, with permission of instructor, a one semester introduction to applied statistics at the junior level or above.

Sustainability (COSM)**SUST 4730****Practicum in Environmental Sustainability: 0-0-3**

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. Prerequisite(s): Three (3) curriculum electives for Environmental Sustainability Concentration and a minimum grade of "C" in TCGT 1530, or BIOL 1230 and BIOL 1210, or CHEM 1040, or GEOL 1340, or PHYS 1149 and 12 credits of curriculum electives for Environmental Sustainability Concentration.

Civil Engineering Technology (CEIT)**TCET 2241****Surveying: 2-4-4**

Principles of the level, theodolite, 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, transverse closure, level net closure, topographic mapping, measuring distances and heights using coordinate geometry calculations. Prerequisite(s): MATH 1113.

TCET 3141**Environmental Pollution: 3-2-4**

Review of role of EPA in environmental protection. Basic hydrology of catchments. Causes, estimation and control of storm waters. Surface water, groundwater, air and noise pollution, plus control methodology. Principles of solid waste systems, and hazardous waste control. Standard EPA approved laboratory tests to evaluate environmental pollution. Stream sanitation and DO sag curve. Computer programs to trace movement and concentration of pollutants in rivers, estuaries, and aquifers, plus aquifer rehabilitation using injection and pumped wells. Prerequisite(s): CHEM 1147.

TCET 3142**Structural Analysis: 3-3-4**

Introduction to types of structures and loads. Analysis of statically determinate and intermediate structures by classical and other methods. The types of structures covered include beams, plane trusses and plane frames. Topics include external and internal reactions, deflections, moving loads and influence lines, approximate methods (including portal method and cantilever method), classical slope-deflection and moment distribution methods, and an introduction to matrix method. Computational laboratory activities in support of instruction, including use of industry-standard structural analysis software. Prerequisite(s): TENS 2138, TENS 2143, and MATH 2242.

TCET 3233**Transportation Systems: 3-0-3**

Overview of transportation engineering with respect to operational and traffic characteristics of land, air and water transportation systems. Emphasis on design and traffic control devices. Laboratory involves data measurement and analysis techniques associated with transportation engineering. Prerequisite(s): Junior standing in Civil Engineering Technology.

TCET 3234**Construction Materials: 2-3-3**

Introduction to engineering properties of common civil engineering materials including metals, soils, aggregates, Portland cement concrete, asphalt concrete, wood, and masonry. Laboratory involves performance of standard tests on aggregates, concretes, wood; emphasizing data analysis and application of test results to design specifications. Prerequisite(s): TENS 2143.

TCET 3236**Project Cost Analysis, Planning and Management: 3-0-3**

This course focuses on the cost estimating process related to the site work and highway construction industry, and examines construction drawings and specifications documents as they relate to cost estimation process. The course also covers key aspects of project planning, scheduling, and management. Topics include: bid documents, estimating process, cost of labor and equipment, handling and transporting materials, earthwork and excavation, computerized estimating, techniques for economy studies of

multiple alternatives, project scheduling, project management, and safety. Prerequisite(s): Junior standing in Civil Engineering Technology. Corequisite(s): TCET 3234.

TCET 4141**Water Supply Systems: 3-2-4**

Parameters, equations and procedures for the design of wastewater and storm water collection systems, parameters, equations and procedures for the design of water distribution systems, pumps, pump curves, pumping stations, sizing storage tanks and wetwells. Design of wastewater and stormwater collection systems. Rainfall-runoff computations. Hardy-Cross method for pipe networks. Design of culverts, drop structures, sheet flow, computer programs for unlined channel design. Prerequisite(s): TENS 2144.

TCET 4142**Reinforced Concrete Design: 3-2-4**

Characteristics of concrete materials, introduction to ACI building code requirements for reinforced concrete, strength design of slabs, beams, columns and footings. Design/computational laboratory activities in support of instruction. Prerequisite(s): TCET 3142.

TCET 4146**Structural Steel Design: 3-2-4**

Characteristics of structural steels introduction to AISC Load and Resistance Factor Design (LRFD) Specifications. Design of tension members, columns, beams, beam-columns, and connections. Design/computational laboratory activities in support of instruction. Prerequisite(s): TCET 3142.

TCET 4243**Highway Design: 3-3-4**

A synthetic approach to highway design based on considerations of geometric controls, structural requirements, drainage needs, and economy. Laboratory includes design projects, field stake out of horizontal curves, cross-sectioning, and slope staking. Prerequisite(s): TCET 2241, TCET 3234, and TCET 3233.

TCET 4244**Soil Mechanics and Foundations: 3-3-4**

Introduction to soil mechanics and foundations, including: soil composition, index properties, classification, exploration, compaction, permeability and seepage, stress distribution, consolidation, settlement, shear strength, bearing capacity, lateral earth pressure; application of soil mechanics to design of footings and analysis of retaining walls and pile foundations. Laboratory includes evaluation of soil properties, using the test results in design and analysis. Prerequisite(s): TENS 2138 and TENS 2143.

TCET 4245/4245H**Water-Wastewater Treatment: 3-3-4**

Sources and characteristics of water and wastewater. Principles of design for units and processes in water and wastewater treatment plants. Treatment standards. Standard laboratory tests used to control the operation of water and wastewater treatment plants. Field trips to water and wastewater treatment plants. Computer program design of water treatment units. Prerequisite(s): TCET 3141 and TENS 2144.

TCET 4536**Senior Project: 0-6-3**

Designed to be the culmination of the undergraduate civil engineering technology education, the course draws together diverse elements of the Civil Engineering Technology curriculum to provide intergrating experiences and to develop competence in focusing both technical and nontechnical skills in solving problems. The project involves design and analysis of a new or modified civil engineering project or system with demonstrated feasibility. Prerequisite(s): TCET 4142, TCET 4146, senior standing in Civil Engineering Technology, and approval of the instructor.

TCET 4890**Special Problems in CET: (1-4)-(0-4)-(1-4)**

Individual and specialized study in areas of civil engineering technology (CET) not otherwise covered in the student's program. Prerequisite(s):

Senior standing, identification and definition of a problem or study in area and approval of the instructor.

General Technology (CEIT)**TCGT 1530****Global Sustainability and Innovation: 3-0-3**

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 4090/4090S**Selected Topics in Technology: (0-3)-(0-6)-(1-3)**

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.

Construction Management (COBA)**TCM 1130****Architectural Graphics and Print Reading: 2-2-3**

A study of construction working drawings. Topics include sketching and drafting techniques for the presentation of floor plans, elevations, sections, and building components. Students will be introduced to the application of CAD (Computer Aided Design) in studying the topics above. Prerequisite(s): A minimum grade of "C" in CISM 1110, CISM 1120, and MATH 1112 or MATH 1113 or MATH 1441.

TCM 1131**Building Materials and Systems: 3-0-3**

The materials, systems and methods of construction. Topics include material properties, selection and application criteria and construction processes. Covers divisions 7-14 of the CSI Master format, but with an emphasis on divisions 7-9.

TCM 1231**Introduction to Construction Management: (2)-(2)-(3)**

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: (2)-(2)-(3)**

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 printreading, 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" TCM 1231 and MATH 1112 or MATH 1113 or MATH 1441.

TCM 2233**Construction Surveying: (2)-(2)-(3)**

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 1130 or TCM 1232, and MATH 1112 or MATH 1113 or MATH 1441.

TCM 2240**Introduction to Structures: 3-2-4**

The theory of structures and its applications to building 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, and PHYS 1113.

TCM 2241**Mechanical and Electrical Equipment and Systems: 4-0-4**

A study of mechanical and electrical equipment and systems as related to the building 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 TCM 1130, PHYS 1111, and PHYS 1113.

TCM 2330**Green Building and Sustainable Construction: 3-0-3**

This course is a study of sustainable or green construction beginning with the philosophy behind sustainability and emphasizing sustainable concepts and related technology and its implementation. Students will learn how LEED (Leadership in Energy and Environmental Design) project certification influences the overall construction project. Course topics will also include LEED categories in building construction and design for sustainable sites, water efficiency, energy & atmosphere, materials & resources, indoor environmental quality, innovation and design. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in TCM 1131 and TCM 2241.

TCM 2333**Building Information Modeling for Construction Management: (2)-(2)-(3)**

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 TCM 1130.

TCM 2430**Construction Safety: 3-0-3**

Safe building construction management techniques. Topics include workers' compensation insurance, OSHA regulations, construction disasters, safe construction training and planning, and the hidden costs of accidents. Prerequisite(s): A minimum grade of "C" in TCM 1131 and Sophomore status.

TCM 3231**Structures I: 2-2-3**

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 1130 or TCM 1232, and TCM 2240.

TCM 3232**Structures II: 2-2-3**

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 1130 or TCM 1232, and TCM 2240.

TCM 3333**Building Codes: 2-2-3**

A study of codes applicable to the building 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): TCM 1131.

TCM 3330**Quantity Estimating: 2-2-3**

Construction estimating with emphasis on quantity take-off and specifications, including techniques of interpreting a visualizing construction drawings. Prerequisite(s): Prior or concurrent enrollment with minimum grade of "C" in TCM 1131, TCM 3231, and TCM 3232.

TCM 3331**Construction Finance: 2-2-3**

A study of financial management for contractors with special emphasis on project level financial controls, cost accounting and variance analysis, the time value of money, cash flow management, overhead and break-even analysis, banking and bonding, financial statements and ratios. Prerequisite(s): A minimum grade of "C" in ACCT 2030, ECON 2105, and TCM 1231.

TCM 3332**Construction Equipment Management: 3-0-3**

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, or MATH 1441.

TCM 3890**Special Problems in Construction: (1-4)-(0-4)-(1-4)**

Individualized study in the area of building construction and contracting not otherwise available in the student's program. Prerequisite(s): Permission of instructor six weeks prior to beginning of term in which study is to take place.

TCM 4090**Selected Topics in Construction: (1-3)-(0-2)-(1-3)**

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 4431**Construction Cost Estimating: 2-2-3**

Methods and procedures in 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. Prerequisite(s): A minimum grade of "C" in TCM 3330 and TCM 3331.

TCM 4432**Construction Administration: 2-2-3**

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 4433**Project Planning and Scheduling: 2-2-3**

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, introduction to project control, and computerized scheduling. Prerequisite(s): STAT 2231 and a minimum grade of "C" in TCM 1231.

TCM 4434**Site Construction: 2-2-3**

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 2233 and TCM 3332.

TCM 4530**Senior Project: 2-2-3**

An exercise in estimating and scheduling from construction documents of an actual building project utilizing major elements of the CM program. Project includes developing a fictitious construction company organization, production of a project estimate and schedule and preparing a construction bid and construction documentation. Prerequisite(s): COMM 1110, STAT 2231, and prior or concurrent enrollment with a minimum grade of "C" in TCM 4431 and TCM 4433.

TCM 4740**Internship: 0-0-4**

Designed for students to receive practical work experience with an approved construction firm. A total of 560 contact hours with the construction firm is required. Prerequisite(s): A minimum grade of "C" in TCM 2430, TCM 4431, TCM 4432, and TCM 4433.

Electrical Engineering Technology (CEIT)**TEET 2143****Circuit Analysis I: 3-2-4**

An introduction to basic circuit analysis including DC and AC circuits, network theorems and Kirchoff's laws. Laboratory activities in support of instruction. Prerequisite(s): MATH 1441 and a minimum grade of "C" in TENS 2146 or permission of program coordinator.

TEET 2441**Digital Circuits: 3-2-4**

A study of basic asynchronous and synchronous logic circuits. Topics include logic functions, Boolean operations, logic families, combinational logic, flip-flops, counters, registers, and memory systems. Also includes laboratory activities in support of instruction. Prerequisite(s): TENS 2146 or permission of program coordinator.

TEET 2443**Microcontrollers: 3-2-4**

Study and applications of the 8051 Microcontroller. Course topics include microcontroller architecture, memory, peripheral devices, interfacing, and programming. Also includes laboratory activities in support of instruction. Prerequisite(s): A minimum grade of "C" in TEET 2441 or permission of program coordinator.

TEET 3145**Circuit Analysis II: 3-2-4**

A continuation of Circuit Analysis I. Topics include AC Power, Polyphase Circuits, Transformers, Resonant Circuits, LaPlace Transforms in Circuit Analysis, Transfer Functions, Fourier Analysis. Laboratory activities in support of instruction. Prerequisite(s): MATH 2242 and a minimum grade of "C" in TEET 2143 or permission of program coordinator.

TEET 3241**Electronics I: 3-2-4**

An introduction to basic solid state devices, including diodes, BJTs and FETs; their applications in rectifiers, amplifiers, and power supplies. Also includes laboratory activities in support of instruction. Prerequisite(s): A minimum grade of "C" in TEET 2143 or equivalent or permission of program coordinator.

TEET 3243**Electronics II: 3-2-4**

A continuation of TEET 3241. Topics include FET and BJT small signal amplifiers, power amplifiers, tuned amplifiers, multistage amplifiers, feedback amplifiers, operational amplifiers, oscillators, and regulated power supplies. Prerequisite(s): A minimum grade of "C" in TEET 3241 or equivalent or permission of program coordinator.

TEET 3341**Electric Machines: 3-2-4**

DC and AC (single and polyphase) motors and generators, energy converters and transformers. Also includes laboratory activities in support of instruction. Prerequisite(s): TEET 3145 or permission of program coordinator.

TEET 3343**Electrical Distribution Systems: 3-2-4**

This course is a study of electrical power generation, transmission, and distribution. It primarily focuses on the parameters affecting the transfer of electric power over the transmission lines, with emphasis on power flow control and NEC regulations. The course also includes laboratory activities in support of instruction. Prerequisite(s): TEET 3145.

TEET 3890**Directed Independent Study: (1-3)-0-(1-3)**

An individualized study involving research and applications pertaining to Electrical Engineering Technology. Prerequisite(s): Senior standing, identification and definition of a problem or study area and approval of the instructor.

TEET 4090**Selected Topics in Electrical Engineering Technology: (1-6)-0-(1-6)**

Designed to provide for study of Electrical Engineering Technology course topics not generally offered by the program.

TEET 4540**Automatic Controls: 3-2-4**

An introduction to control feedback theory including block diagrams transfer functions, stability properties of feedback, and classical design methods. This course includes laboratory activities in support of instruction. Prerequisite(s): A minimum grade of "C" in TENS 2146 or equivalent.

TEET 4610**EET Senior Project I: 1-2-1**

Team efforts toward submitting a successful project proposal. Emphasis on engineering project development, project specifications, tasks scheduling, project management, and ethical or societal issues involved. Students are expected to perform research and start basic project design including component layouts, computer simulations and parts specifications. Prerequisite(s): TEET 2443 and TEET 3243 and senior standing or permission of program coordinator.

TEET 4620**EET Senior Project II: 1-3-2**

This course is the second stage of the senior design project. In this segment students start the actual implementation of their projects that includes building of electrical and/or mechanical systems, CAE/CAD software development, program writing, printed circuit board fabrication, systems testing, and performance evaluation. Requirements include weekly progress reports, oral presentations, a comprehensive final report, and a final project

demonstration. Prerequisite(s): TEET 4610 and senior standing or permission of program coordinator.

TEET 4890

Special Problems in EET: (1-3)-0-(1-3)

Individual and specialized study in areas of electrical engineering technology not otherwise covered in the student's program. Prerequisite(s): Senior standing, identification and definition of a problem or study area and approval of the instructor.

TEET 5238

Industrial Electronics: 2-2-3

A study of industrial applications of electronic devices including SCR's, triacs, switching circuits, timers, logic control circuits, optical devices, and sensors. The course also includes laboratory activities. Graduate students will complete an additional independent research project that involves a written report with an oral presentation. Prerequisite(s): TEET 3243 or TMAE 5132/5132G or permission of program coordinator.

TEET 5245

Electronic Communication Systems:3-2-4

In this course students will study basic principles, devices and circuits in modern electronic communications systems. Topics include systems and signal analysis, spectrum analysis, amplitude modulation and detection, frequency modulation and detection and oscillators. Graduate students will complete an additional independent research project. Prerequisite(s): TEET 3145, and TEET 3241 or ENGR 2341; or TMAE 5132/TMAE 5132G or permission of program coordinator. Undergraduate Corequisite(s): TEET 3243.

TEET 5340

Digital Communications: 3-2-4

Students will investigate digital modulation techniques including ASK, FSK, BPSK, QAM and M-ary schemes; gain in-depth knowledge of analog-to-digital conversion principles; and explore practical real-world communications applications including wireless communications, cell phone technology, and consumer communications systems. Also includes laboratory activities in support of instruction. Graduate students will be required to complete an independent research project, not required of undergraduate students. Undergraduate Prerequisite(s): TEET 5245. Graduate Prerequisite(s): TMAE 5132G.

TEET 5531

Programmable Logic Controllers: 2-2-3

A study of sequential programmable logic controllers (PLCs) as applied to industrial processes with emphasis on ladder diagrams, input/output devices, application programming design of beginning through advanced functions, systems and networking. Also, includes laboratory activities in support of instruction. Graduate students will complete an independent research project which involves a written and oral presentation. Prerequisite(s): TENS 2146 or permission of instructor.

TEET 5542

Computer System Design: 3-2-4

This course is an in-depth study of the inner-workings of modern digital computer systems and trade offs present at the hardware-software interface. Activities will include the design process in the context of a complex hardware system and practical experiences with computer-aided design tools. Topics include: instruction set design, computer arithmetic, controller and data path design, memory systems, input-output systems, pipelining, performance and cost analysis. Graduate students will be required to complete an additional research project. Prerequisite(s): TEET 2443, or ENGR 2332, or TMAE 5132/TMAE 5132G or permission of program coordinator.

Engineering Science (CEIT)

TENS 2138

Digital Computation: 2-2-3

An introduction to engineering technology problem solving using the computer. Emphasis is placed on the application of advanced software, programming logic/structure, and programming languages. Exploration of a range of problems that are suitable to be solved using computers and the software tools which provide the best fit for these problems.

TENS 2135

Thermodynamics: 3-0-3

An introduction to thermodynamics. First and second law analysis of thermal systems. Use of property charts, tables and equations of state in analyzing common thermal processes of technological importance. Prerequisite(s): MATH 2242.

TENS 2137

Engineering Economy: 3-0-3

Introduction to the time value of money and its effect on economic decisions. The principles and techniques needed to make decisions about the acquisition and retirement of capital goods, the output and life of equipment, operating costs, depreciation rates and economic selection. Prerequisite(s): MATH 1111 or prior or concurrent enrollment in MATH 1441.

TENS 2141

Statics: 3-2-4

The study of force systems and equilibrium of bodies at rest. Forces in plane trusses machines and frames, centroids and moments of inertia, and friction. Includes problem solving session in support of above topics. Prerequisite(s): MATH 1113.

TENS 2142

Dynamics: 3-2-4

The study of kinematics and kinetics of particles and rigid bodies; work and energy and impulse and momentum as applied to particles. Includes problem solving sessions in support of the above topics. Prerequisite(s): MATH 1441 and TENS 2141 or ENGR 2231.

TENS 2143

Strength of Materials: 3-2-4

Introduction to concepts of stress and elastic deformation under axial, torsional, flexural and combined loadings and beam loading. Also includes laboratory activities in materials testing and problem solving. Prerequisite(s): TENS 2141 or ENGR 2231 and MATH 1441.

TENS 2144

Fluid Mechanics: 3-2-4

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. Also includes methods, procedures and the use of equipment and meters to measure standard fluid properties and phenomena. Prerequisite(s): TENS 2141 or ENGR 2231 and MATH 1441.

TENS 2146

Electrical Devices and Measurements 3-2-4

An introduction to basic electrical devices and measurements. Coverage includes analog/digital systems and computer simulation. Also includes laboratory activities in support of instruction. Prerequisite(s): MATH 1441 or MATH 1232.

Theatre (CLASS)

THEA 1100/1100S

Theatre Appreciation: 3-0-3

An introductory study of dramatic literature and its relationship to the theatrical arts including set, costume, lighting design, acting, and directing.

THEA 1250

Introduction to Production Concepts: 3-0-3

Students will be introduced to script analysis and concept development through a combination of lecture, analysis and group work. Three distinct genres will be used for script analysis: Shakespeare, Realism, and Non-

realism. Students will work in collaborative groups to develop conceptual approaches to the individual scripts from the perspective of director and designer.

THEA 1331**Stage Make-up: 3-0-3**

Offers students an introduction to make-up materials and techniques of application. Included with the basic techniques will be, working with aging, wounds, scars, prosthetics, and other types of make-up.

THEA 1711**Theatre Practicum: 1-2-0**

Provides students with opportunities to take an active part in a theatrical production. A maximum of four hours may apply toward a degree. Thirty clock hours of work will equal one hour of credit.

THEA 1712**Puppetry Practicum: 1-2-0**

Provides students with opportunities to take an active part in puppetry production. A maximum of 4 hours may apply toward a degree. Thirty clock hours of work will equal one hour of credit.

THEA 2332**Stagecraft: 3-0-3**

Provides students with basic instruction in principles of scenic construction, design, drafting, and painting. Designed as preparatory course to production and performance.

THEA 2333**Fundamentals of Acting: 3-0-3**

Includes history of actor training, the influence of Stanislavsky, the playing of objectives, character development, and rehearsal discipline.

THEA 2712**Puppetry Practicum: 1-2-0**

Provides students with opportunities to take an active part in puppetry production. A maximum of four hours may apply toward a degree. A minimum of thirty clock hours of activity required to receive credit.

THEA 3030/3030S**Selected Topics in Theatre: 3-0-3**

Offers varied courses in specialized areas in the field of theatre.

THEA 3230**Voice for the Stage: 3-0-3**

Students learn how to use their voices in a variety of performance situations.

THEA 3231**Movement for the Actor: 2-2-3**

This course will introduce the student to various movement techniques used in the theatre. 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. May be repeated once for credit.

THEA 3232**Vectorworks for the Stage: 2-2-3**

This course will introduce the student to various 2D and 3D computer aided drafting techniques used in the theatre. These techniques are intended to increase the individual's ability to present construction drawings, elevations, groundplans and lighting plots for industry needs. Prerequisite(s): A minimum grade of "C" in THEA 2332.

THEA 3234**Acting for the Screen: 3-0-3**

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.

THEA 3330**Acting: Scene Study: 3-2-2**

Broadens student understanding of the craft of acting. Special emphasis will be placed on character study through the extensive use of scene work from twentieth century drama.

THEA 3331**Advanced Stagecraft: 3-0-3**

Examines construction principles and techniques applied to stage scenery and design. Also, focuses on maintenance of stage facility and shop equipment. Prerequisite(s): THEA 2332.

THEA/AAST/AMST 3332**African American Theatre: 3-0-3**

Investigates the contributions of black playwrights, actors, and directors to American theatre.

THEA/IRSH 3333**Irish Theatre: 3-0-3**

Studies the theatre of Ireland from the Abbey Theatre through the present. Covers Irish theatre movement and plays by significant playwrights from W.B. Yeats to Brian Friel. Prerequisite(s): Permission of instructor.

THEA 3334**Sound Design for the Theatre: 3-0-3**

Teaches the process of sound design for theatrical production with basic instruction in the use of equipment. Teaches techniques necessary to reproduce sound effects and music for the stage. Prerequisite(s): A minimum grade of "C" in THEA 1250 and THEA 2332 or permission of instructor.

THEA 3335**Scene Painting: 3-0-3**

History and techniques of scene painting including back drops, three dimensional textures, and trompe l'oeil effects. Course will cover a variety of paint media including transparent dye and application of gold leaf.

THEA 3336**Theatre Management: 3-0-3**

Provides students with an introductory study of the principles and practices of theatrical management. Provides a systematic examination of the role of the theatre stage manager.

THEA 3337**Play Directing: 3-2-2**

Includes conceptualization, communication with actors and designers, and casting and rehearsal techniques necessary to stage a play for the theatre. Prerequisite(s): A minimum grade of "C" in THEA 1250 and THEA 2333 or permission of instructor.

THEA 3338**Rehearsal and Performance: 0-12-3**

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 3711**Theatre Practicum: 1-2-0**

Provides students with opportunities to take an active part in a theatrical production. A maximum of four hours may apply toward a degree. Thirty clock hours of work will equal one hour of credit.

THEA 3712**Puppetry Practicum: 1-2-0**

Provides students with opportunities to take an active part in puppetry production. A maximum of four hours may apply toward a degree. Thirty clock hours of work will equal one hour of credit.

THEA 4330**Theatre History: To the Elizabethans: 3-0-3**

Surveys the physical structure, production methods, and acting and stage design of the theatre up to the Elizabethan period. Includes the study of ritual and oriental theatre as well as Western European drama. Prerequisite(s): Permission of instructor.

THEA 4331/4331S**Theatre History: Elizabethan to Modern: 3-0-3**

Surveys the physical structure, production methods, and acting and stage design of Western theatre from the Elizabethan through the modern period. Prerequisite(s): Permission of instructor.

THEA 4332**Children's Theatre and Storytelling: 3-0-3**

Examines play theory, storytelling, and creative drama techniques for the staging of plays with and for children.

THEA 4333/4333S**Acting Styles: 3-2-2**

Specialized study of the techniques needed to perform in a particular style of theatre or in the work of a particular playwright. Topics include Shakespeare and verse drama, Brecht and Epic theatre, improvisational comedy, and Greek and Roman tragedy. May be repeated once for credit.

THEA 4334/4334S**Drama in Performance: 3-0-3**

Examines the relationship between the play in performance and the dramatic text with special attention to historical theories of acting which influence the literary works.

THEA 4335**Scene Design: 3-0-3**

Emphasizes interpretation of plays through visual images and the creation of physical spaces for performances. Includes traditional drafting and computer assisted design technologies, scale model making, perspective drawing and painted or air brushed rendering of the set. Prerequisite(s): A minimum grade of "C" in THEA 1250 and THEA 2332 or permission of instructor.

THEA 4336**Lighting Design: 3-0-3**

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 1250 and THEA 2332 or permission of instructor.

THEA 4337**Costume Design: 3-0-3**

The history and applied theory of theatrical costume design. An exposure to costume materials and concepts executed and demonstrated through watercolor and charcoal rendering. Prerequisite(s): A minimum grade of "C" in THEA 1250 and THEA 2332 or permission of instructor.

THEA 4338**Seminar: World Theatre: 3-0-3**

This course is a study of one of the forms of theater engaged in by different cultures around the world. Each course will focus on one specific area of theater chosen from: People's Theatre, Russian Theatre, Asian Theatre, Classic Greek Theatre, Neo-Classic Theatre, or some other area within the Instructor's expertise.

THEA 4711**Theatre Practicum: 0-2-1**

Provides students with opportunities to take an active part in a theatrical production. A maximum of three hours may apply toward a degree. Forty clock hours of work will equal one hour of credit.

THEA 4712**Puppetry Practicum: 1-2-0**

Provides students with opportunities to take an active part in puppetry production. A maximum of four hours may apply toward a degree. A minimum of thirty clock hours of activity required to receive credit.

THEA 4831**Directed Study in Theatre: 3-0-3**

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 5530**Playwriting: 3-0-3**

The study, analysis, and practice in the art and craft of writing plays for the stage or for dramatic television and film. Undergraduates complete a one act play while graduate students complete a first draft for a full length play.

THEA 5531**Puppetry: 3-0-3**

Acquaints the student with puppetry as an art and an educational medium. Emphasizes effective use of puppetry in the development of individual and group resources, creativity, self expression, and emotional adjustment. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

Applied Engineering (CEIT)**TMAE 5131****Essentials of Applied Mechanical Engineering: 2-3-3**

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. Graduate students will be required to complete a case study or other individualized advanced activity that undergraduate students will not be required to complete. Prerequisite(s): Permission of instructor. Should not be taken by graduate students with a B.S. in Mechanical Engineering.

TMAE 5132**Essentials of Applied Electrical Engineering: 2-3-3**

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. Graduate students will be required to complete a case study or other individualized advanced activity that undergraduate students will not be required to complete. Prerequisite(s): Permission of instructor. Should not be taken by graduate students with a B.S. in Electrical Engineering.

TMAE 5133**Production Planning and Facilities Design: 3-1-3**

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 culminates in a semester project. Graduate students will be required to complete a case study, or research project not required of undergraduate students. Prerequisite(s): MENG 3333 or permission of instructor.

TMAE 5134**World Class Manufacturing: 3-1-3**

A comprehensive study of world class manufacturing. Topics include Just-In-Time production, Total Quality Control, Total Productive Maintenance, and Total Employee Involvement. Manufacturing systems are designed and developed and trial runs are conducted and evaluated. Students will be

required to conduct an analysis of a real world case relevant to the course. Graduate students will be required to complete a case study or other individualized advanced activity that undergraduate students will not be required to complete. Prerequisite(s): TMET 3431.

TMAE 5139**Renewable Energy: 2-2-3**

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. Graduate students will be required to complete an additional design project that involves a class presentation with a more advanced technical analysis. Prerequisite(s): ENGR 3235, ENGR 3431, and MENG 3233 or permission of instructor.

TMAE 5890**Selected Topics in Applied Engineering: (1-3)-(0-2)-(1-3)**

This course is scheduled on an infrequent basis to explore special areas in applied engineering. Graduate students will be required to complete a case study, or research project not required of undergraduate students. Prerequisite(s): Permission of the instructor.

Mechanical Engineering Technology (CEIT)**TMET 2128****Solid Modeling and Analysis: 0-4-2**

Students will develop a working proficiency in parametric solid modeling software, such as Pro/Engineer. In addition to creating solid models, students will develop a basic understanding of structural and thermal analysis. The skills learned in the course will be applied in junior and senior level MET courses. Prerequisite(s): ENGR 1133 and prior or concurrent enrollment in TENS 2143, or permission of instructor.

TMET 2521**Introduction to Mechatronics: 1-2-2**

Lecture and laboratory instruction in the theory and practice of engineering technology measurements and their application to controlled activities. A familiarity with traditional measuring devices, and a proficiency with data acquisition packages will be developed. The packaging of results in reports and presentations will be emphasized. Prerequisite(s): TENS 2146 and prior or concurrent enrollment in TENS 2143 and PHYS 2212 or PHYS 1112, or permission of instructor.

TMET 3130**Mechanism Design: 3-0-3**

Kinematic analysis and synthesis of the basic mechanism will be covered in this course. Emphasis will be given to slider crank mechanism, four-bar linkage, gear trains and cams. Dynamics of Machineries will be introduced. Prerequisite(s): TENS 2142.

TMET 3135**Machine Design: 3-0-3**

Advanced topics from Mechanics of Materials, such as, stress and strain matrix, column, thick walled pressure vessels, interference fits, curved beams and contact stresses will be covered. Modes of failures including both static and dynamic failure theories will be introduced. Prerequisite(s): TENS 2143.

TMET 3136**Machine Component Design: 3-0-3**

Detailed design of Machine Components such as transmission shafts, keys, couplings, bearings, springs, gears, clutches, brakes and fasteners will be covered. Prerequisite(s): TMET 3135.

TMET 3232**Thermodynamics II: 3-0-3**

A second course in thermodynamics that expands upon first and second law analysis techniques developed in an introductory thermodynamics course. Includes an in-depth analysis of power and refrigeration cycles. Serves as an

introduction to combustion processes. Prerequisite(s): TENS 2135, TENS 2144, and prior or concurrent enrollment in CHEM 1147 or permission of instructor.

TMET 3233**Heat Transfer: 3-0-3**

An introduction to basic energy transport by conduction, convection and radiation. Applications to extended surfaces, heat exchanger, etc. Prerequisite(s): TENS 2135.

TMET 3341**Materials Science: 3-3-4**

Study of engineering materials such as metals and alloys. Atomic structure and arrangement; control of the microstructure and mechanical properties of materials, mechanical testing, solidification, cooling curves, and phase diagrams and various strengthening mechanisms. Laboratory includes problem solving sessions and experiments on materials related to strengths, toughness, solidification, and metallography. Prerequisite(s): CHEM 1147.

TMET 3343**Materials Processing: 3-2-4**

Traditional as well as modern processing techniques. Limitation on use of different materials and their processing, metal-casting processes and equipment, forming and shaping processes and equipment, joining processes and equipment. Laboratory includes problem solving sessions and experiments on the metallurgy of materials. Prerequisite(s): TMET 3341.

TMET 3431**Free Enterprise Simulation: 2-3-3**

A synergistic, hands-on, activity-based study of the planning, setup, and operation of a private enterprise. Students will study and experience the full scope of leadership and functional management roles as they organize, own, and operate a simulated private enterprise company by developing, producing, and marketing a competitive product for actual profit.

TMET 3711**Mechanical Engineering Technology Seminar I: 0-2-1**

Students are introduced to numerical methods and problem solving skills essential to solving applied engineering problems. Concepts will be presented in an introductory seminar period, and the remaining time will be used by students to solve related applied engineering problems in the laboratory. Course content will benefit students in the completion of senior-level technical electives. Prerequisite(s): Junior MET standing or permission of instructor.

TMET 3712**Mechanical Engineering Technology Seminar II: 0-2-1**

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. Seminar activities will draw upon technical knowledge from all junior or 3000-level program specific courses. Prerequisite(s): Senior MET standing or permission of instructor.

TMET 4090**Selected Topics in Mechanical Engineering Technology: (1-6)-(1-6)-(1-6)**

Provides for study of Mechanical Engineering Technology course topics not generally offered by the program.

TMET 4225**Thermal Science Lab: 0-4-2**

Laboratory activities in support of instruction in thermodynamics, heat transfer, and HVAC. Prerequisite(s): TMET 3232 and TMET 3233, or permission of instructor.

TMET 4890**Special Problems in Mechanical Engineering Technology: (1-3)-0-(1-3)**

Individual and specialized study in areas of mechanical engineering technology not otherwise covered in the student's program. Prerequisite(s): Senior standing, identification and definition of a problem or study area and approval of the instructor.

TMET 4899**Directed Independent Study: (1-3)-0-(1-3)**

An individualized study involving research and applications pertaining to Mechanical Engineering Technology. Prerequisite(s): Senior standing, identification and definition of a problem or study area and approval of the instructor.

TMET 5133**Vibration and Preventive Maintenance: 2-3-3**

An introduction to mechanical vibrations and preventive maintenance. Emphasis is placed on: undamped and damped free vibration of single degree of freedom systems, vibration analysis of system with multiple degrees of freedom, and forced vibration analysis with different excitations. Students will engage in hands-on experimental studies and develop analysis techniques using vibration data. Preventive maintenance topics will also be studied. Graduate students will be required to complete additional laboratory and research assignments. Prerequisite(s): TMET 2521, TMET 3130, and TMET 3135; or permission of instructor.

TMET 5134**Introduction to Finite Element Analysis: 1-4-3**

An introduction to the fundamentals of Finite Element Analysis. Students will develop a working knowledge of a commercial FEA software package. Students will model and analyze mechanical and thermal engineering problems using a commercial FEA package. Students will develop an ability and competence in interpretation and analysis of FEA results. Graduate students will be required to complete additional laboratory and research assignments. Prerequisite(s): TMET 2128, TMET 3136, and TMET 3233; or permission of instructor.

TMET 5136**Mechanical Controls: 2-3-3**

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. Graduate students will be required to complete additional laboratory and research assignments. Prerequisite(s): TMET 2521 and TMET 3130; or permission of instructor.

TMET 5137**Mechanical System Design: 0-6-3**

A capstone design course requiring that students call upon all of their academic preparations in the solution of mechanical system problems. Graduate students will be required to complete a case study or other individualized advanced activity that undergraduate students will not be required to complete. Prerequisite(s): Senior standing or approval of the instructor.

TMET 5234**HVAC: 2-3-3**

Introductory course in Heating, Ventilating, and Air Conditioning (HVAC) systems. HVAC processes are analyzed and load calculations are performed in accordance with ASHRAE practices. Design projects are included. Graduate students will be required to complete a case study or other individualized advanced activity that undergraduate students will not be required to complete. Prerequisite(s): TMET 3232 and TMET 3233; permission of instructor for graduate students.

TMET 5431**Automation and CIMS: 2-3-3**

A capstone course in materials science and processing. Fundamental manufacturing, automation, and topics in production and related control systems are covered. Numerical control, computer integrated manufacturing, and flexible manufacturing systems are included. Laboratory includes work with a Mini-CIM system. Graduate students will be required to complete a case study or other individualized advanced activity that undergraduate students will not be required to complete. Prerequisite(s): ENGR 1133, TENS 2138, and TMET 3343 or permission of instructor.

Manufacturing Technology (CEIT)**TMFG 1121****Technical Drafting: 1-2-2**

A basic drafting course with emphasis on manual drafting skills and projection theory and practice.

TMFG 1123**3D Computer Drafting: 1-2-2**

A computer aided drafting course with emphasis on the application of 3D parametric solid modeling CAD. Study includes the features and applications of AutoDesk Inventor. Creating 3D components, assembling a 3D product and animation of presentation will be discussed in this course.

TMFG 2522**Computer Drafting: 1-3-2**

A basic computer drafting course. Prerequisite(s): TMFG or permission of instructor.

TMFG 3131**Manufacturing Processes and Materials: 2-3-3**

A study of the industrial processes used in the manufacturing of products. Emphasis is placed on the selection of materials for processing based on their properties, characteristics, and adaptability to automate manufacturing processes.

TMFG 3132**Materials Machining Technology: 2-3-3**

An experience centered course dealing with the operation of machine tools. Emphasis is placed on machining technologies used to process a variety of manufacturing materials. Both traditional and computer control machining processes are explored.

TMFG 3133**Forming and Fabrication: 2-3-3**

A study of forming and fabrication technology and applications, including material properties, product design considerations, and issues impacting quality and productivity. Emphasis is on methods, tooling, and machinery involved in forming, piercing, and assembly processes for sheet, plate, tubing, wire forms and structural shapes. Laboratory activities involve experiments and projects designed to provide hands-on familiarity with typical industrial methods and equipment. Prerequisite(s): ENGR 1133 and TMFG 3131.

TMFG 3134**Electrical Technology: 2-3-3**

Assumes that the student has had no prior knowledge of electricity and electrical/electronic concepts in that it is an introductory course designed to acquaint the student with the basic concepts governing electrical energy. Basic electrical/electronic principals and concepts are covered including DC circuits, AC circuits, elementary electronics and Programmable Logic Controllers (PLCs). Prerequisite(s): MATH 1111.

TMFG 3230**Productivity Measurement and Improvement: 2-2-3**

A study of various methods and tools used in industry and business to measure work productivity and the methods and tools used to improve work procedures. Content areas include: methods study, motion study, time study, pre-determined time standards systems, work factors, work sampling,

incentive systems, ergonomics, safety, and other special topics for methods improvement and work measurement. MS Excel will be used to solve problems. Prerequisite(s): TMET 3431.

TMFG 3231

Introduction to Industrial Management: 3-0-3

The development, organization and operation of manufacturing industries. Topics include: organization, engineering considerations, the manufacturing system, manufacturing cost control, materials flow control, quality assurance, and human resources. Prerequisite(s): TMET 3431.

TMFG 3232

Applied Industrial Statistics and Quality Assurance: 2-3-3

Statistical process control in manufacturing. Topics include evaluation of the process control system, defining problems and setting priorities, analyzing the process, describing data, process capability and pre-control charts, control charts, and determining cause. Prerequisite(s): TMET 3431.

TMFG 4121

Machining, Forming and Fabrication Practicum: (1-3)-0-(1-3)

A general study and practicum of machining, forming and fabrication techniques utilized in industry including conventional machining, CNC machining, layout development, beginning and forming press work, foundry mechanical assembly and welding. Prerequisite(s): ENGR 1133.

TMFG 4130

Plastics Materials and Processes: 2-2-3

A study of plastics and organic composites material, their properties, uses, and the manufacturing processes used to produce products from them. Reinforces and expands upon concepts and technical knowledge introduced in the prerequisite overview course. Familiarity with common processing properties, tools and equipment will be provided through laboratory work. Prerequisite(s): Three hours of introductory level industrial materials and processes.

TMFG 4132

Power Systems and Control Application: 2-3-3

The study of the conversation, transmission, storage and control of energy. Emphasis is placed on hydraulics, pneumatics, and electro-mechanical machine control through programmable logic control (PLC) and compute control technologies. Prerequisite(s): MATH 1111.

TMFG 4293

CO-OP: 1-0-1

CO-OP.

TMFG 4299

Manufacturing Internship: (1-6)-0-(1-6)

Provides practical application and experience in cooperating industry and business. Designed to permit attendance at an approved industry-sponsored work experience for the purpose of providing the student with advanced related occupational or technical training. Prerequisite(s): Senior standing, preferably last semester before graduation.

TMFG 4330

Cost Engineering: 3-0-3

Cost engineering is concerned with the cost determination and evaluation of engineering design, including the various types of cost estimates, cost information, and cost assurance. Prerequisite(s): TMET 3431.

TMFG 4531

Plant Layout: 2-2-3

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 MS Excel and AutoCAD software that culminates in a semester project. Prerequisite(s): TMET 3431.

TMFG 5133

Automated Manufacturing Systems: 2-3-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ENGR 1133 and TMFG 3132, or permission of instructor.

TMFG 5230/5230S

International Manufacturing: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

TMFG 5233

Manufacturing Applications in Information Technology: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): Senior standing, three hours of statistics or quality assurance, and three hours of technical processes, or permission of instructor.

Safety and Environmental Technology (COSM)

TSEC 5331

Occupational Safety: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

TSEC 5332

Ergonomics: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

TSEC 5333

Industrial Hygiene and Ergonomics: 3-1-3

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 employees' health, comfort, and performance. Ergonomic tool and work area design and work procedures are emphasized. Regulatory agencies, compliance, and program management issues are discussed. Graduate students are required to complete an advanced level assignment in addition to all undergraduate course requirements. Prerequisite(s): One chemistry course or permission of instructor.

TSEC 5334

Hazardous Waste Management: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): One chemistry course or permission of instructor.

TSEC 5335

Systems Safety in Manufacturing: 3-0-3

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

TSEC 5336

Environmental Law: 3-0-3

A course designed to provide an introduction and overview (for those without legal or specific scientific training) of the system through which our nation attempts to preserve the environment. The U.S. legal system, national, and international environmental policy is reviewed. Emphasis is placed on the control of air quality, water quality, toxic substances, and hazardous releases as it relates to environmental regulation of industry. Graduate students will be required to complete an additional project or assignment in addition to the undergraduate course requirements.

University Honors (VPAA)

UHON 1131

Inquiry in the Social Sciences: 3-0-3

An introduction to inquiry into questions and problems in the social sciences.

UHON 1132

Inquiry in the Humanities: 3-0-3

An introduction to inquiry into questions and problems in the humanities.

UHON 1133

Inquiry in the Natural Sciences: 3-0-3

An introduction to inquiry into questions and problems in the natural sciences.

UHON 3090/3090S

Honors Enrichment Seminar: (1-3)-0-(1-3)

An in-depth exploration of a special topic in an honors seminar setting. Reserved for students in the Honors Programs. Topics to be selected by Honors Council based on proposals submitted by faculty. Prerequisite(s): Honors student status.

UHON 4191

Honors Research Seminar: (1-3)-0-(1-3)

A seminar course designed to prepare honors students to complete the honors thesis or capstone project. Prerequisite(s): University Honors Program student.

UHON 4999

Honors Research: 0-(1-3)-(1-3)

Independent research under the guidance of a faculty mentor for students in the University Honors Program. Students may register for 1-3 credit hours. Prerequisite(s): Honors Student Status.

Web Information Technology (CEIT)

WBIT 1100

Introduction to Information Technology: 0-3-3

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.

WBIT 1310

Programming and Problem Solving I: 0-3-3

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" WBIT 1100 and in an Area A2 mathematics course.

WBIT 2000

The Enterprise and IT: 0-3-3

This course will look at the structure and management of an information technology infrastructure. From the management aspect the course will touch on principles and practices of managing both people and technology to support an organization. The course will emphasize how to make an information technology infrastructure effective, efficient, and productive. The management of hardware, software, data, networks and other supporting IT functions will be studied. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in WBIT 1100.

WBIT 2300

Discrete Mathematics for IT: 0-3-3

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, MATH 1232, or MATH 1441.

WBIT 2311

Programming and Problem Solving II: 0-3-3

The emphasis of this course is on advanced programming techniques in Java including GUIs, 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: 0-3-3

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 or ENGL 1160.

WBIT 3110

Systems Analysis and Design: 0-3-3

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 will object-oriented techniques. Prerequisite(s): A minimum grade of "C" in WBIT 1310 and WBIT 2000.

WBIT 3111

Information Technology Project Management: 0-3-3

Project management techniques and tools as applied to information systems projects including resource and personnel management and allocation, project 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 STAT 3130, WBIT 3010, and WBIT 3110.

WBIT 3200**Database Design, Development and Deployment: 0-3-3**

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): Prior or concurrent enrollment with a minimum grade of "C" in WBIT 2311.

WBIT 3400**Introduction to Multimedia: 0-3-3**

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. Prerequisite(s): A minimum grade of "C" in WBIT 1100.

WBIT 3410**Web Applications Development: 0-3-3**

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 1310.

WBIT 3500**Architecture and Operating Systems: 0-3-3**

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: 0-3-3**

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: 0-3-3**

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: 0-3-3**

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: 0-3-3**

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 and program approval.

WBIT 4112**Systems Acquisition, Integration and Implementation: 0-3-3**

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, WBIT 3200, and WBIT 4520.

WBIT 4120**Human-Computer Interaction: 0-3-3**

The emphasis of this course is on fundamentals of human-machine interfaces, both cognitive and physical. Learning styles and effects of short-term memory on cognition and reaction will affect hardware and software development. Students will design a prototype interface. Prerequisite(s): A minimum grade of "C" in WBIT 2311 and WBIT 3400.

WBIT 4520**Information Security: 0-3-3**

This course is an introduction to information assurance and security in computing. Topics include computer, network (distributed) system and cyber security, digital assets protection, data backup and disaster recovery, encryption, cryptography, computer virus, firewalls, terrorism and cyber crimes, legal, ethical and professional issues, risk management, information security design, implementation and maintenance. Prerequisite(s): A minimum grade of "C" in WBIT 3500 and current enrollment or prior completion with a minimum grade of "C" in WBIT 3510.

WBIT 4601**Customer Relationship Management: 0-3-3**

The application of IT applications has allowed many organizations to collect large amounts of data on their clients and to use such data to improve the relationships with their customers. In this course, students will study customer relationship management systems, including the reasons for their emergence, the functionalities that they provide and the issues one would have to face to successfully introduce a Customer Relationship Management System into an organization. Prerequisite(s): A minimum grade of "C" in WBIT 3200 Database and WBIT 3600.

WBIT 4602**IT Strategy Seminar: 0-3-3**

Students will participate in research and discussion on a current or emerging topic in the discipline of Information Technology. A term paper on the topic (or related subtopic) is required. A designated faculty member from the Consortium will select the topic in advance based on his/her expertise and lead the seminar. Prerequisite(s): Senior standing.

WBIT 4610**IT Policy and Law: 0-3-3**

This course will focus on the legal implications of conducting business in the information technology age. Topics will include current understanding of Internet contracts, copyright, trademark and patent law. Further, this course will examine cutting-edge cases relating to security, e-commerce, and emerging ethical issues and trends. Prerequisite(s): A minimum grade of "C" in WBIT 3600.

Women's and Gender Studies (Interdisciplinary)**WGST 2530****Introduction to Women and Gender Studies: 3-0-3**

A multidisciplinary course designed to introduce students to the field of women and gender studies. Students will examine traditional and alternative perspectives on women's and men's experiences.

WGST 3090**Selected Topics in Women and Gender Studies: (0-15)-0-(0-15)**

Various Selected Topics.

WGST/HIST/AMST 3137**Topics in U.S. Women's History: 3-0-3**

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.

WGST/PSYC/INTS 3232**Psychology of Gender: 3-0-3**

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.

WGST/POLS 3235/3235S**Gender and Politics: 3-0-3**

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.

WGST/ENGL 3237**Women and Literature: 3-0-3**

A study of the literature by and about women, which reflects some of the myths, legends, and social forces molding the female character. Prerequisite(s): A minimum grade of "C" in all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

WGST/LATN 3330**Roman Women: 3-0-3**

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.

WGST/COMS 3333**Communication and Gender: 3-0-3**

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.

WGST 4090**Independent Study in Women's and Gender Studies: 0-0-(1-4)**

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. Prerequisite(s): WGST 2530 or permission of instructor.

WGST/PHIL 4130**Feminist Philosophy: 3-0-3**

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.

WGST/COMM 4331**Gender, Media, and Representation: 3-0-3**

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.

WGST/SOCI 4332/4332S**Sociology of Gender: 3-0-3**

Explores gender identity, gender roles, and gender social structures using the sociological perspective. Prerequisite(s): SOCI 1101.

WGST/HIST 4335**"Woman Question" in Europe: 3-0-3**

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.

WGST/SOCI 4338**Sport, Culture, and Society: 3-0-3**

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. Prerequisite(s): SOCI 1101.

WGST/HIST/AAST 4530**Revelation and Revolution: 3-0-3**

Explores issues of gender, spirituality, and power within the context of African history.

WGST 5131**Sex, Violence, and Culture: 3-0-3**

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. Prerequisite(s): WGST 2530.

WGST/ANTH 5331**Gender and Anthropology: 3-0-3**

An examination of the biocultural and multi-cultural perspectives of gender provided by anthropology. Theories and case examples of gender studies from selected cultures will be examined using insights from physical anthropology, archeology, cultural anthropology, and linguistics. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or permission of instructor.

WGST/ENGL/AAST 5539**Literature by Women: 3-0-3**

A study of classic, contemporary, and experimental writing by women in all genres, with special emphasis on the polemical and theoretical bases of and critical approaches to such texts. 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 all of the following: ENGL 2231 or ENGL 2232; ENGL 2331 or ENGL 2332; and prior or concurrent enrollment in ENGL 2131 and either ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

WGST/WRIT 5633**Writing the Body: 3-0-3**

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. Graduate students will be given additional assignments not required of undergraduate students. Undergraduate Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160. Graduate Prerequisite(s): Admission to graduate standing.

Writing (CLASS)**WRIT/LING 2090/2090S****Selected Topics in Writing and Linguistics: (1-3)-0-(1-3)**

Introduces students to one or more topics preliminary to study of more specialized areas of Writing and Linguistics.

WRIT 1101**English Composition for Non-native Speakers: 2-2-3**

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. Prerequisite(s): This course must be completed with a minimum grade of "C" before the student may enroll in ENGL 1102.

WRIT 2130**Technical Communication: 3-0-3**

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. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

WRIT 2131**Everyday Creative Writing: 3-0-3**

Investigates the uses of creative writing in "everyday" forums such as music, advertisements, radio, television, and other forms of popular culture. Students will learn the elements common to all types of creative writing -- word play, figurative expression, sound effects, concrete language, attention to detail -- and apply these elements in their own creative writing exercises and projects.

WRIT 2133**Forms in Writing: 3-0-3**

This course focuses on the writing of a specific form or genre. The form being studied and practiced varies, but may include creative, academic, professional and/or technical forms. Prerequisite(s): A minimum grade of "C" in ENGL 1101 or ENGL 1160.

WRIT 2230**Careers in Writing and Linguistics: 3-0-3**

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/LING 2430**Essential Grammar for Successful Writing: 3-0-3**

Offers review and reinforcement of grammar, punctuation, and rules of writing used in both academics and the professions. Challenges students to learn grammar and punctuation well enough that they feel confident with their language skills. Emphasizes paragraph and essay-level writing through drafting, revision, and editing.

WRIT/FILM 2531**Introduction to Screenwriting: 3-0-3**

This is a writing workshop course designed to introduce students to the four-act structure of screenwriting with focus on the development of character and story through the art and craft of creative writing techniques. Students will develop their ideas into drafts to be formatted according to the standards applicable for film and television, and they will participate in the traditional workshop method of sharing story ideas and original writing, and critiquing and revising creative work. A portion of the course will also provide an overview of the writer's role in the industry of film and television.

Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160; and FILM 2331 or ENGL 2434; or passage of Grammar Proficiency Exam or WRIT 3520.

WRIT 2533**Writers on Writing: 3-0-3**

Examines the lived experience of working writers, their diverse composing practices and motivations for writing, and studies how writers write. Through selected memoirs and other readings, students will investigate how writers use their writing to shape meaning and identity and how scholars study writing processes.

WRIT 2535**Writing and Place: 3-0-3**

This course examines the relationship between language and location by analyzing print and visual rhetorics of social and natural environments. Students explore such environments by focusing on travel writing, ecocomposition, or globalization and writing.

WRIT 3030/3030S**Selected Topics in Writing: 3-0-3**

Offers varied courses in specialized areas of the field of writing. Prerequisite(s): A minimum grade of "C" in ENGL 1101 or ENGL 1160.

WRIT 3130/3130S**Creative Writing: 3-0-3**

The writing of poetry and fiction through 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. Prerequisite(s): A minimum grade of "C" in ENGL 1101 or ENGL 1160.

WRIT 3131**Teaching Writing: 3-0-3**

An introduction to the theory and practice of teaching writing, including making the writing assignment, pre-writing, revising writing, and evaluating student writing. Prerequisite(s): ENGL 2111 or ENGL 2112.

WRIT 3133**Tutoring Writing: 3-0-3**

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 ENGL 1160. Corequisite(s): ENGL 1102.

WRIT 3140**Writing for Young Readers: 3-0-3**

A workshop course that focuses 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 multimedia, and produce a portfolio of work. Prerequisite(s): A minimum grade of "C" in ENGL 1101 or ENGL 1160.

WRIT 3220**Foundations in Professional and Technical Writing: 3-0-3**

Surveys the field of professional and technical writing, its various areas of interest, and potential career paths. The course explores the histories, theories, and research methodologies of professional and technical writing, which may include new media studies; cultural studies; rhetorics of science, technology, and the workplace; and usability. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

WRIT 3230**Writing in the Workplace: 3-0-3**

Prepares students from all disciplines to be effective communicators in their chosen professions. Students learn to write and prepare a variety of documents, including memos, letters, reports, proposals, critical studies, and

recommendations. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

WRIT 3232

Writing Visual Information: 3-0-3

This course focuses on strategies of arrangement and placement, specifically at intersections of alphabetic and visual information found in professional, technical, and business writing situations. Students will create multimodal documents and texts, and apply relevant theories to enhance engagement and comprehension. These texts can include, but are not limited to, technical reports, charts, tables, maps, slide presentations, and forms, in both print and digital media. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

WRIT 3233

Professional Editing: 3-0-3

This course encompasses the ideas of editing as a professional writing skill, with a focus on the job of an editor. Emphasizes proofreading skills and the manipulation of documents from inception through presentation as finished products. Layout, document design, and contemporary production processes are also emphasized. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

WRIT 3234

Research Methods for Writers: 3-0-3

Introduction to quantitative and qualitative research designs for writers. Intensive study of planning and research designs including primary (surveys, interviews, experiments, questionnaires, field research, etc.) and secondary research tools (i.e., Internet, print sources, bibliographies). Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

WRIT 3430

Linguistics and Grammar for Teachers: 3-0-3

Through lecture, workshops, and projects about writing, students will develop a metalanguage 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 or ENGL 1160.

WRIT/COMM/AMST 3433

Comic Book Writing in American Culture: 3-0-3

Investigates multiple dimensions of and models for comic book writing as it traces the medium's history, development of new genres, and narrative conventions since its origins in the 1930s. Teaches the comic book's use of iconography, cultural tropes, and cognitive closure in the construction of sequential narratives. Prerequisite(s): A minimum grade of "C" in ENGL 1101 and ENGL 1102 or ENGL 1160.

WRIT 3435

Writing and Healing: 3-0-3

Introduces students to the physical, intellectual, and spiritual benefits of writing personal/cultural stories in classrooms, community groups, websites, and public memorials. By analyzing current theories and their own and each other's narratives, students learn the connections between writing and health, silence and sickness. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

WRIT 3520

Revision, Grammar and Culture: 3-0-3

Offers strategies for revision; surveys the social forces underlying standardization and the processes of language change; addresses and reinforces current standards of grammar and usage in the United States. Emphasizes sentence and paragraphs as well as complete pieces of writing. Prerequisite(s): A minimum grade of "C" in ENGL 1101 and ENGL 1102 or ENGL 1160.

WRIT 3531

Introduction to Writing Studies: 3-0-3

Introduces students to the field of writing studies and contemporary issues in the areas of literacy, composition, and rhetoric, with special attention to the ways in which culture shapes and is shaped by writing. Prerequisite(s): A

minimum grade of "C" in ENGL 1102 or ENGL 1160 or permission of instructor.

WRIT 4130/4130S

Creative Non-fiction: 3-0-3

Provides a workshop environment for writing a wide variety of expository material generally not covered in freshman English. Students are encouraged to try forms, topics, and voices which broaden their writing experience. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160.

WRIT 4380

Writing Grants and Proposals: 3-0-3

This course provides direction on how to find, research and write proposals to secure grants. Students will write a proposal as a final project. Prerequisite(s): A minimum grade of "C" in ENGL 1102.

WRIT 4430

Poetry Writing: 3-0-3

A creative writing workshop in which students review and practice the fundamentals of poetry writing, such as 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 ENGL 1102 or ENGL 1160.

WRIT 4530

Fiction Writing: 3-0-3

A creative writing workshop in which students review and practice the fundamentals of fiction writing, such as the importance of beginnings, scene building, narrative drive, stance, character development, endings; and also learn and practice more complex aspects of literary fiction strategies in specific genres (the traditional short story, magical realism, flash fiction, novellas). Students 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 ENGL 1102 or ENGL 1160.

WRIT 4550

Literacy and Identity: 3-0-3

Examines the ways literacy shapes identity and is shared and used by individuals, families, and cultures. Special attention to relationship between cultural and literate practices, and to political, social, and personal implications of literacy. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160 or permission of instructor.

WRIT 4560

Writing Argument: 3-0-3

Explores the centrality of rhetoric to writing effective arguments on a range of controversial topics with emphasis on local, contingent contexts and on persuasive writing strategies. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160 or permission of instructor.

WRIT 4570

Writing, Rhetoric, and Culture: 3-0-3

Explores the interaction of writing, rhetoric, and culture and the relationship between public and private discourses; emphasizes rhetorical traditions in the field of writing studies and rhetorical practices in public discourse. Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160 or permission of instructor.

WRIT 4790

Internship in Writing and Linguistics: 0-(1-12)-(1-6)

This course is an opportunity for students to gain professional writing experience. The semester prior to the internship, the student will find an internship, write a proposal that describes the internship and submit the proposal for approval to the department chair, who will assign a supervising faculty member. The student will provide periodic progress reports and either a portfolio or a final report. Prerequisite(s): A minimum grade of "C" in WRIT 3130, WRIT 3220, WRIT 3531, or LING 3630.

WRIT 5030/5030S**Selected Topics in Writing: 3-0-3**

A course on particular topics in rhetoric and composition, the teaching of writing, English as a Second Language, linguistics, and creative writing not covered by other courses. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

WRIT/LING 5130**Modern English Grammar: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Undergraduate Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160. Graduate Prerequisite(s): Admission to graduate standing.

WRIT/LING 5330**History of English Language: 3-0-3**

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. Undergraduate Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160. Graduate Prerequisite(s): Admission to graduate standing.

WRIT 5430/5430S**Advanced Poetry Writing: 3-0-3**

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. Undergraduate Prerequisite(s): A minimum grade of "C" in WRIT 2131, WRIT 2133, or WRIT 3130. Graduate Prerequisite(s): Admission to graduate standing.

WRIT/ANTH/LING 5530**Sociolinguistics: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Prerequisite(s): ANTH 1102 or SOCI 1101.

WRIT 5531**Advanced Creative NonFiction: 3-0-3**

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 and allows students to specialize in a specific genre, such as the memoir, the personal essay, travel writing, etc. Students read and discuss creative nonfiction 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 2131, WRIT 2133, or WRIT 3130.

WRIT 5540**Advanced Fiction Writing: 3-0-3**

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. Undergraduate Prerequisite(s): A minimum grade of "C" in WRIT 2131, WRIT 2133, or WRIT 3130. Graduate Prerequisite(s): Admission to graduate standing.

WRIT 5550**Technologies of Writing: 3-0-3**

Analyzes the meanings and implications of the new technologies on reading and writing as well as explores the relationship between a culture's technologies of writing and cultural narratives of identity, subjectivity, and agency. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Undergraduate

Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160. Graduate Prerequisite(s): Admission to graduate standing.

WRIT 5632**Writing Flash Prose: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Undergraduate Prerequisite(s): A minimum grade of "C" in WRIT 2131, WRIT 2133, or WRIT 3130. Graduate Prerequisite(s): Admission to graduate standing.

WRIT/WGST 5633**Writing the Body: 3-0-3**

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. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do. Undergraduate Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160. Graduate Prerequisite(s): Admission to graduate standing.

WRIT 5650**Writing for Publication: 3-0-3**

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. Undergraduate Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160. Graduate Prerequisite(s): Admission to graduate standing.

WRIT 5930**Technical Writing: 3-0-3**

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. Graduate students will complete an additional assignment determined by the instructor. Undergraduate Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160. Graduate Prerequisite(s): Admission to graduate standing.

Yoruba (CLASS)**YORU 1001****Elementary Yoruba I: 3-0-3**

Introduction to listening, speaking, reading, and writing in Yoruba and to the culture of Yoruba speaking regions.

YORU 1002**Elementary Yoruba II: 3-0-3**

Continued listening, speaking, reading, and writing in Yoruba with further study of the culture of Yoruba speaking regions. Prerequisite(s): YORU 1001 or equivalent.

YORU 2001**Intermediate Yoruba I: 3-0-3**

Building upon communication skills (understanding, speaking, reading, and writing Yoruba) and cultural understanding, developed at the elementary level. Prerequisite(s): YORU 1002 or equivalent.

YORU 2002**Intermediate Yoruba II: 3-0-3**

Continued development of communication skills (understanding, speaking, reading, and writing Yoruba) and cultural understanding, developed at elementary and intermediate I levels. Prerequisite(s): YORU 2001.

YORU 3030**Selected Topics in Yoruba: (1-3)-0-(1-3)**

Study of a topic in Yoruba 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): YORU 2002.

YORU 3130**Yoruba Conversation: 3-0-3**

Continued development of all five language competencies (listening, speaking, reading, writing, and culture) with special emphasis on Yoruba conversation. Prerequisite(s): YORU 2001 or equivalent.

YORU/AAST 3330**Yoruba Culture and Civilization: 3-0-3**

Introduction to Yoruba culture in Nigeria and other west African societies as well as the Diaspora.

YORU/AAST 4890**Directed Study in Yoruba: (1-15)-0-(1-15)**

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): Two Yoruba courses at the 3000 level.

The University System of Georgia

The University System of Georgia's Board of Regents 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 31 institutions including: 4 research universities, 2 regional universities, 12 state universities, 13 state colleges, and the Skidaway Institute of Oceanography. The Georgia Public Library System is also part of the University System. These institutions enroll more than 300,000 students and employ more than 41,000 faculty and staff to provide teaching and related services to students and the communities in which they are located.

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, but is not a member of the Board. The Chair, the Vice Chair, and other officers of the Board are elected by the members of the Board. The System's programs and services are offered through three major components: Instruction, Public Service/Continuing Education, and Research.

INSTRUCTION consists of programs of study leading toward degrees, ranging from the associate (two-year) level to the doctoral level, and certificates. Instruction is conducted by all institutions. Requirements for admission of students to instructional programs at each institution are determined, pursuant to policies of the Board of Regents, by the institution. The Board establishes minimum academic standards and leaves to each institution the prerogative to establish higher standards. Applications for admission should be addressed in all cases to the institutions.

A core curriculum, consisting of freshman and sophomore years of study for students whose educational goal is a degree beyond the associate level, is in effect at the universities and two-year colleges. This curriculum requires 60 semester credit hours, including 42 in general education--humanities and fine arts, mathematics and natural sciences, and social sciences--and 18 in the student's chosen major area of study. It facilitates the transfer of freshman and sophomore degree credits within the University System.

PUBLIC SERVICE/CONTINUING EDUCATION consists primarily of non-degree activities and special types of college-degree-credit courses. Non-degree activities may include short courses, seminars, conferences, lectures, consultative, and advisory services in many areas of interest. Non-degree public service/continuing education is conducted by all institutions. Typical college-degree-credit public service/continuing education courses are those offered through extension center programs and teacher education consortia.

RESEARCH encompasses investigations conducted primarily for discovery and application of knowledge. These investigations include clearly-defined projects in some cases, non-programmatic activities in other cases. Research is conducted both on and off campus and explores a variety of matters related to the educational objectives of the institutions and to general societal needs.

The policies of the Board of Regents for the government, management, and control of the University System and the administrative actions of the Chancellor provide autonomy for each institution. The executive head of each institution is the President, whose election is recommended by the Chancellor and approved by the Board.

System Institutions

Research Universities

Georgia Institute of Technology, Atlanta
Georgia Regents University, Augusta
Georgia State University, Atlanta
University of Georgia, Athens

Regional Universities

Georgia Southern University, Statesboro
Valdosta State University, Valdosta

State Universities

Albany State University, Albany
Armstrong Atlantic State University, Savannah
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
Kennesaw State University, Kennesaw
Savannah State University, Savannah
Southern Polytechnic State University, Marietta
University of North Georgia, Dahlonega
University of West Georgia, Carrollton

State Colleges

Abraham Baldwin Agricultural College, Tifton
Atlanta Metropolitan State College, Atlanta
Bainbridge State College, Bainbridge
College of Coastal Georgia, Brunswick
Dalton State College, Dalton
Darton State College, Albany
East Georgia State College, Swainsboro
Georgia Gwinnett College, Lawrenceville
Georgia Highlands College, Rome
Georgia Perimeter College, Decatur
Gordon State College, Barnesville
Middle Georgia State College, Macon
South Georgia State College, Douglas

System Administration

Members of the Board of Regents*

	District	Term Ends
George Hooks, Americus	(State-at-Large)	2016
Donald M. Leebern, Jr., McDonough	(State-at-Large)	2019
William "Dink" H. NeSmith, Jr., Athens	(State-at-Large)	2015
Rogers, Wade, Atlanta	(State-at-Large)	2020
Larry Walker, Perry	(State-at-Large)	2016
Don L. Waters, Savannah	(1st District)	2018
Doreen Stiles Poitevint, Bainbridge	(2nd District)	2018
C. Thomas Hopkins, Jr., Griffin	(3rd District)	2017
C. Dean Alford, Conyers	(4th District)	2019
Larry R. Ellis, Atlanta	(5th District)	2017
Kessel Stelling, Jr., Columbus	(6th District)	2015
Richard L. Tucker, Duluth	(7th District)	2019
Rutledge A. Griffin, Jr., Valdosta	(8th District)	2018
A. Wilheit, Sr., Gainesville	(9th District)	2015
Benjamin J. Tarbutton III, Sandersville	(10th District)	2020
Neil L. Pruitt, Jr., Norcross	(11th District)	2017
Lori Durden, Statesboro	(12th District)	2020
Kenneth R. Bernard, Jr., Douglasville	(13th District)	2014
Scott Smith, Ringgold	(14th District)	2020

Officers and Staff Members of the Board of Regents

William "Dink" H. NeSmith, Jr. Chairman
 Phillip A. Wilheit, Sr., Vice Chairman
 Hank M. Huckaby, Chancellor
 J. Burns Newsome, Secretary to the Board

* For the most recent information, refer to <http://www.usg.edu/regents/members/>.

Georgia Southern University Faculty, Fall 2012

This list includes full-time faculty for Fall 2012. The date enclosed in parentheses indicates the year the faculty member joined the staff of Georgia Southern University. The asterisk denotes Graduate College faculty (members and affiliates).

Faculty A

***CHERYL AASHEIM, Associate Professor of Information Technology**

B.S., University of Florida, 1991;
M.S.T., University of Florida, 1993;
Ph.D., University of Florida, 2002. (2002)

LISA L. ABBOTT, Assistant Professor of Theatre

B.S., Colorado State University, 1988;
M.F.A., University of Portland, 1999. (2008)

***MARTHA L. ABELL, Interim Dean, College of Science and Mathematics, and Professor of Mathematical Sciences**

B.S., Mercer University, 1984;
M.S., Georgia Institute of Technology, 1987;
Ph.D., Georgia Institute of Technology, 1989. (1989)

MARIA ADAMOS, Associate Professor of Philosophy

B.A., Middlebury College, 1992;
M.A., University of California-Santa Barbara, 1994;
Ph.D., University of California-Santa Barbara, 2000. (2000)

DAVID W. ADDINGTON, Professor Emeritus and Chair Emeritus, Department of Communication Arts

B.A., Palos Verdes College, 1954;
M.A., University of California-Los Angeles, 1960;
Ph.D., State University of Iowa, 1963. (1987)

OLUFUNKE ADEFOPE, Assistant Professor of Teaching and Learning

B.A., Stony Brook University, State University of New York, 1998;
M.A., Columbia University, 2003;
Ph.D., Indiana University, 2012. (2012)

***EVANS AFRIYIE-GYAWU, Assistant Professor of Public Health**

B.S., Texas A&M University, 1998;
M.P.H., Texas A&M University Health Science Center, 2000;
Ph.D., Texas A&M University, 2004. (2008)

NEELAM AGGARWAL, Visiting Instructor of Mathematical Sciences

B.A., St. Stephen's College, 1982;
M.A., University of Delhi, 1984;
M.Phil., University of Delhi, 1986. (2012)

ELEANOR F. AGNEW, Associate Professor Emerita of Writing and Linguistics

B.A., University of Vermont, 1970;
M.A., University of Maine, 1981;
Ph.D., Louisiana State University and A&M College, 1991. (1989)

***LAURA AGNICH, Assistant Professor of Criminal Justice and Criminology**

B.S., Virginia Tech, 2005;
M.S., Virginia Tech, 2007;
Ph.D., Virginia Tech, 2011. (2012)

***MOHAMMAD ABDUL AHAD, Assistant Professor of Electrical Engineering**

B.S.E.E., Bangladesh University of Engineering and Technology, 1998;
M.E., University of Tennessee, 2007;
Ph.D., University of Tennessee, 2007. (2009)

***INSOOK AHN, Associate Professor of Fashion Merchandising and Apparel Design**

A.A.S., Fashion Institute of Technology, 1995;
B.H.E., Chung-Ang University, 1992;
M.A., Savannah College of Art and Design, 1997;

Ph.D., Chung-Ang University, 2003. (2005)

***KARELLE S. AIKEN, Assistant Professor of Chemistry**

B.A., Williams College, 2000;
Ph.D., University of New Hampshire, 2005. (2007)

***MARIA DEL ROCIO ALBA-FLORES, Assistant Professor of Electrical Engineering**

M.S., National Institute of Astrophysics, Optics, and Electronics, 1981;
B.S., National Polytechnic Institute, 1982;
M.S., Tulane University, 1998;
Ph.D., Tulane University, 1999. (2008)

JUNE E. ALBERTO, Professor Emerita of Nursing

B.S.N., Spalding College, 1973;
M.S.N., University of Kentucky, 1978;
D.N.S., Indiana University, 1990. (1991)

***KATHY S. ALBERTSON, Associate Professor of Writing and Linguistics and Faculty Assistant to the Provost**

B.A., Armstrong State College, 1988;
M.A., Georgia Southern University, 1990;
Ph.D., Indiana University of Pennsylvania, 2006. (1990)

CLARK R. ALEXANDER, JR., Director, Applied Coastal Research Laboratory, Member, Institute for Coastal Plain Science, and Adjunct Professor of Geology

B.S., Humboldt State University, 1983;
B.A., Humboldt State University, 1983;
M.S., North Carolina State University, 1985;
Ph.D., North Carolina State University, 1990. (1994)

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B.S., Clemson Agricultural College, 1966;
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B.A., University of South Florida, 1997;
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YASEEN SALAH ALHAJ-YASEEN, Visiting Assistant Professor of Economics

B.E.A.S., Applied Science University, 1999;
M.S., Arab Academy for Banking and Financial Services, 2001;
M.A., Texas Tech University, 2006;
Ph.D., Kansas State University, 2010. (2010)

ANDREW A. ALLEN, Visiting Assistant Professor of Computer Sciences

B.S., Florida International University, 2005;
M.S., Florida International University, 2009;
Ph.D., Florida International University, 2011. (2011)

***DEBORAH C. ALLEN, Associate Professor of Nursing**

A.H.S., Trident Technical College, 1993;
B.S.N., Liberty University, 1997;
M.S.N., Old Dominion University, 1998;
Ph.D., Hampton University, 2006. (2007)

***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;
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B.A., St. John's University, 1976;
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***HEIDI M. ALTMAN, Associate Professor of Anthropology**

B.A., Florida State University, 1987;
M.A., Florida State University, 1990;
M.A., Florida State University, 1996;
Ph.D., University of California-Davis, 2002. (2005)

OLGA AMARIE, Assistant Professor of French

B.A., A. Russo Balti State University, 1996;
M.A., Alexandru Ioan Cuza, 1998;
Ph.D., Indiana University, 2011. (2011)

***ALLISON JEAN AMONETTE, Associate Professor of Chemistry**

B.S., Western Kentucky University, 1992;
M.S., The Ohio State University, 1995;
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***LORI E. AMY, Associate Professor of Writing and Linguistics**

B.A., University of Hawaii, 1985;
M.A., University of California-San Diego, 1987;
Ph.D., University of Florida, 1996. (1999)

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B.A., Georgia Southern University, 2004. (2012)

***DUSTIN ANDERSON, Assistant Professor of Literature**

B.A., Carson-Newman College, 2002;
M.A., Florida State University, 2006;
Ph.D., Florida State University, 2010. (2010)

***KATHRYN ELAINE ANDERSON, Professor of Nursing**

B.S.N., University of Wisconsin, 1969;
M.S., University of Wisconsin-Stout, 1981;
M.S., University of Wisconsin-Stout, 1983;
M.S., University of Minnesota-Twin Cities, 1991;
Ph.D., University of Minnesota-Twin Cities, 1993. (2010)

REBA BARNES ANDERSON, Assistant Professor Emerita of Sport Science and Physical Education

B.S., Georgia Southern College, 1961;
M.Ed., Georgia Southern College, 1962. (1962)

URKOVIA JACOBS ANDREWS, Assistant Professor of Public Relations

B.S., Georgia Southern University, 2002;
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DMITRY APANASKEVICH, Assistant Curator, U.S. National Tick Collection, and Associate Professor of Biology

B.B., Saint Petersburg State University, 1998;
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B.A., Syracuse University, 1994;
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M.S., Nova Southeastern University, 2005;
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JOHN ARD, Lecturer of Library Science

B.A., Georgia Southern College, 1989;
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JULIUS FELLOWS ARIAIL, 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;
D.M., Indiana University, 1979. (1974)

***DONALD J. ARMEL, Professor 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, Assistant Professor of Early Childhood Education**

A.S., Anderson College, 1977;
B.A., Clemson University, 1978;
M.Ed., Clemson University, 1986;
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PRANOTI M. ASHER, Adjunct Professor of Geology

B.S., University of Bombay, 1984;
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DOUGLAS P. AUBREY, Assistant Professor of Biology and Member, Institute for Coastal Plain Science

B.S., Missouri State University, 2002;
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Ph.D., University of Georgia, 2011. (2012)

JOHN E. AVERETT, Professor Emeritus of Biology

B.S., Sul Ross State College, 1966;
M.A., Sul Ross State College, 1967;
Ph.D., University of Texas, 1970. (1994)

Faculty B

MICHAEL W. BACKUS, Adjunct Associate Professor of Public Health

B.S., Hampton Institute, 1970;
M.S., Georgia Southern University, 1998. (2009)

BEOM J. BAE, Assistant Professor of Communication Arts

B.Laws, Myongji University, 1997;
M.P.A., Korea University, 1999;
M.A., University of Georgia, 2005;
Ph.D., Florida State University, 2010. (2012)

SHANTANU BAGCHI, Assistant Professor of Economics

B.A., Jadavpur University, 2004;
M.A., Jadavpur University, 2006;
Ph.D., Utah State University, 2011. (2011)

***CARRIE L. BAILEY, Assistant Professor of Counselor Education**

B.S., College of William and Mary, 1994;
M.S.Ed., Old Dominion University, 2000;
Ph.D., College of William and Mary, 2009. (2009)

SARA JANE BAILEY, Associate Director, Office of Alumni Relations, and Adjunct Instructor

B.A., Murray State University, 2003;
M.S., Arkansas State University, 2005. (2011)

RENAE M. BAKER, Academic Advisor, College of Health and Human Sciences Student Services Center, and Adjunct Instructor

B.A., Georgia Southern University, 2002;
M.A., Georgia Southern University, 2004. (2010)

RUTH LESSLEY BAKER, Information Services/Learning Commons Librarian and Assistant Professor

B.A., University of Arizona, 1979;
M.A., Southern Methodist University, 1987;
M.S., Drexel University, 1992. (2012)

SAMUEL ZEBULON BAKER, Visiting Instructor of History

B.A., Georgia Southern University, 2001;
M.A., University of Alabama, 2003;
Ph.D., Emory University, 2009. (2009)

ANAND BALARAMAN, Lecturer of Physics

B.S., Bharatidasan University, 1993;
M.Engr., Indian Institute of Science, 1998;
M.S., University of Florida, 2005;
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B.S.P.E., Valparaiso University, 2001;
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B.S.B., Georgia Southern University, 1994;
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Ed.D., Georgia Southern University, 2006. (2010)

***BARRY J. BALLECK, Associate Professor and Interim Chair, Department of Political Science**

B.A., Brigham Young University, 1987;
M.A., Brigham Young University, 1989;
Ph.D., University of Colorado, 1994. (1995)

JOHN NORRIS BANTER, Coordinator of Student Leadership, Office of Student Leadership and Civic Engagement, and Adjunct Instructor

B.A., Asbury University, 2004;
M.A., Asbury Theological Seminary, 2006. (2011)

***ANTHONY G. BARILLA, Associate Professor of Economics**

B.A., Eastern Illinois University, 1988;
M.A., Eastern Illinois University, 1989;
Ph.D., Kansas State University, 2002. (1999)

***IOANNIS BARKOULAS, Associate Professor of Finance**

B.B.A., School of Economic and Commercial Sciences in Athens, 1983;
M.B.A., West Texas State University, 1986;
Ph.D., Boston College, 1994. (2003)

MARCYA BARREIRO, Facility Use Coordinator, Office of Student Activities, and Adjunct Instructor

B.S., Georgia Southern University, 2008;
M.S., Georgia Southern University, 2010. (2012)

NANCY C. BARRETT, Assistant Professor Emerita of Spanish

A.B., Woman's College of the University of North Carolina-Greensboro, 1956;
M.A., University of North Carolina at Chapel Hill, 1959. (1967)

RACHAEL A. BARRETT, Career Services Specialist, Office of Career Services, and Adjunct Instructor

B.S., St. Mary's Dominican College, 1983;
M.Ed., University of New Orleans, 2001. (2001)

ROBERT M. BARROW, Associate Professor Emeritus of History

A.B., University of North Carolina, 1959;
A.M., College of William and Mary, 1960;
Ph.D., University of Virginia, 1967. (1967)

***SHARON M. BARRS, Instructor of Mathematical Sciences**

B.S., University of South Carolina, 1990;
M.S., University of South Carolina, 1992. (2007)

***JEAN E. BARTELS, Provost and Vice President of Academic Affairs and Professor of Nursing**

B.S.N., Alverno College, 1981;
M.S.N., Marquette University, 1983;
Ph.D., University of Wisconsin-Milwaukee, 1990. (1999)

***ROBERT K. BATCHELOR, Associate Professor of History**

A.B., Cornell University, 1990;
M.A., University of California-Los Angeles, 1992;
Ph.D., University of California-Los Angeles, 1999. (2002)

***DOROTHY A. BATTLE, Professor Emerita of Curriculum, Foundations, and Reading**

B.S.Ed., Winston Salem State College, 1970;

M.Ed., University of Georgia, 1983;
Ed.D., University of Georgia, 1987. (1990)

MICHAEL BAUGH, Educational Program Specialist, Academic Success Center, and Adjunct Instructor

B.F.A., University of Central Florida, 2008;
M.S., Florida International University, 2012. (2012)

***LORENZA BEATI-ZIEGLER, Curator, United States National Tick Collection, and Professor of Biology**

M.D., University of Lausanne, 1987;
Ph.D., University of Lausanne, 1990;
Ph.D., University of Aix-Marseilles, II, 1993. (2004)

***SCOTT A. L. BECK, Associate Professor of Teaching and Learning**

A.B., Cornell University, 1988;
M.Ed., University of North Carolina-Greensboro, 1994;
Ph.D., University of Georgia, 2003. (2000)

PRAKASH BEHERE, Adjunct Professor of Public Health

M.B.B.S., Government Medical College, 1974;
M.D., Postgraduate Institute of Medical Education and Research, 1978. (2012)

DEBORAH A. BELL, Assistant Professor Emerita of Mathematics

A.S., Abraham Baldwin College, 1969;
B.S.Ed., University of Georgia, 1971;
M.Ed., University of Georgia, 1974;
Ed.S., Georgia Southern University, 1993;
Ed.D., Georgia Southern University, 2003. (1986)

JACK BENNETT, Professor Emeritus of Instructional Media

B.S.Ed., Ball State Teachers College, 1966;
M.A.Ed., Ball State University, 1969;
Ed.D., Ball State University, 1972. (1981)

***MARY MALLARD BENNETT, Associate Professor of Teaching and Learning**

B.S., Georgia Southern College, 1979;
M.Ed., Georgia Southern College, 1985;
Ed.S., Georgia Southern University, 1990;
Ed.D., Georgia Southern University, 2001. (1997)

SARA NEVILLE BENNETT, Professor Emerita of Biology

B.S., Georgia Southern College, 1964;
B.S.Ed., Georgia Southern College, 1964;
M.S., Georgia Southern College, 1967;
Ph.D., University of Georgia, 1975. (1966)

MARCIA BENTLEY-GERMAN, Assistant Director, Educational Talent Search, and Adjunct Instructor

B.S., Georgia Southern University, 2006;
M.Ed., Georgia Southern University, 2009. (2010)

***DONALD L. BEREZCZ, Director, Center for Forensic Studies in Accounting, and Clinical Lecturer of Forensic Accounting**

B.B.A., Western Illinois University, 1978;
M.B.A., Western Illinois University, 1981. (2007)

***JAMES J. BERGIN, Professor of Leadership, Technology, and Human Development**

B.A., Saint Mary of the Lake Seminary, 1967;
M.Ed., Loyola University Chicago, 1971;
Ed.D., College of William and Mary, 1974. (1992)

***SHONDA L. BERNADIN, Associate Professor of Engineering Studies**

B.S., Florida A&M University, 1997;
M.S., University of Florida, 1999;
Ph.D., Florida State University, 2003. (2005)

***EDNILSON SANTOS BERNARDES, Associate Professor of Operations Management**

B.B.A., Federal University of South Mato Grosso, 1998;
M.B.A., Federal University of South Rio Grande, 2000;
Ph.D., University of Minnesota, 2006. (2005)

KELLY S. BERRY, Associate Professor of Theatre and Technical Director, Theatre

B.A., Coastal Carolina University, 1996;
M.F.A., University of Hawaii, 2003. (2003)

MOHAMMAD BHUIYAN, Assistant Professor of Civil Engineering

B.S., Bangladesh University of Engineering and Technology, 2005;
M.S., Istituto Universitario di Studi Superiori di Pavia, the Università degli Studi di Pavia, the Université Grenoble 1 and the University of Patras, 2006;
Ph.D., Istituto Universitario di Studi Superiori di Pavia, 2011. (2011)

***JAMES D. BIGLEY, JR., Associate Professor of Recreation**

B.S., Slippery Rock State College, 1980;
M.S., Slippery Rock State College, 1982;
Ph.D., Texas A&M University, 1989. (1991)

***KAREN BIGLEY, Adjunct Associate Professor of Public Health**

B.S.N., Auburn University, 2000;
M.H.A., University of Phoenix, 2005. (2011)

ROBERT F. BIGLEY, Adjunct Associate Professor of Public Health

A.S., Saint Petersburg College, 1975;
B.A., University of South Carolina, 1980;
M.S., Texas Woman's University, 1989. (2011)

GALE A. BISHOP, Professor Emeritus of Geology

B.S., South Dakota School of Mines and Technology, 1965;
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Ph.D., University of Texas, 1971. (1971)

T. PARKER BISHOP, Professor Emeritus of Middle Grades and Secondary Education

B.S., Carson-Newman College, 1959;
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Ph.D., Clemson Agricultural College, 1968. (1967)

MARC E. BISSECK, Adjunct Professor of Public Health

B.S., Meharry Medical College, 1999;
M.D., Medical University of South Carolina, 2006. (2011)

CHARLENE R. BLACK, Professor Emerita of Sociology and Dean Emerita

A.B., University of Georgia, 1964;
M.A., University of Georgia, 1966;
Ph.D., Vanderbilt University, 1969. (1971)

REBECCA BLACK, Clinical Instructor of Health and Kinesiology

B.S.H.E., Georgia Southern College, 1981;
M.S., Medical College of Georgia, 1996. (2005)

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B.A., Mississippi College, 2004;
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***GARFIELD BLAKE, Visiting Assistant Professor of Economics**

B.S., University of the West Indies, 2001;
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***HELEN W. BLAND, Professor of Health and Kinesiology**

B.S., Southern Illinois University, 1982;
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HARLEY JOE BLANKENBAKER, Professor Emeritus of Health and Kinesiology

B.S., Ball State Teachers College, 1965;
M.A., Appalachian State University, 1970;
Ph.D., University of Maryland, 1973. (1973)

LINDA BLANKENBAKER, Assistant Professor Emerita of Recreation

B.S., Georgia Southern College, 1970;
M.R.A., Georgia Southern College, 1971;

Ed.S., Georgia Southern College, 1982. (1977)

REBECCA BOBBITT, Visiting Instructor of Writing and Linguistics

B.A., University of Tennessee-Martin, 2000;
M.A., Murray State University, 2003. (2009)

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B.S., Utah State University, 2001;
M.S., Auburn University, 2004;
Ph.D., Auburn University, 2008. (2008)

***YASAR BODUR, Associate Professor of Elementary Education**

B.S., Gazi University, 1993;
M.S., Florida State University, 1998;
Ph.D., Florida State University, 2003. (2006)

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WILLIAM HAROLD BOLEN, Business Alumni Professor Emeritus and Chair Emeritus, Department of Marketing

B.S., Georgia Southern College, 1964;
M.B.A., University of Arkansas, 1966;
Ph.D., University of Arkansas, 1972. (1966)

MOHOMADOU BONCANA, Assistant Professor of Leadership, Technology, and Human Development

B.A., Ecole Normale Supérieure, 1984;
B.S., Ecole Normale Supérieure, 1996;
M.S., Oklahoma State University, 2004;
Ph.D., University of Utah, 2010. (2012)

CHARLES WESLEY BONDS, Professor Emeritus of Reading

B.S., Alabama State University, 1966;
M.Ed., Georgia Southern College, 1972;
Ed.S., Georgia Southern College, 1974;
Ed.D., University of Florida, 1979. (1973)

CHRISTOPHER A. BOOKER, Adjunct Instructor of Criminal Justice and Criminology

B.S., Florida State University, 1991;
M.S., Florida State University, 1994. (2012)

CHRISTOPHER ALLEN BOONE, Assistant Professor of Logistics

A.S., Community College of the Air Force, 1993;
B.B.A., Faulkner University, 1993;
M.S., Air Force Institute of Technology, 2001;
Ph.D., Auburn University, 2006. (2012)

ROBERT L. BOONE, Mechanical Engineer and Adjunct Instructor of Construction Management

B.E.T., Georgia Southern College, 1980;
M.P.A., Georgia Southern University, 1998. (1999)

MARY JANE BOROWSKY, Assistant Professor Emerita of Modern Languages

B.A., North Georgia College, 1959;
M.A., Emory University, 1961. (1960)

***BRIAN H. BOSSAK, Assistant Professor of Public Health**

B.S., University of Georgia, 1996;
M.A., University of Georgia, 1988;
Ph.D., Florida State University, 2003;
M.P.H., Emory University, 2010. (2008)

***ADAM M. BOSSLER, Assistant Professor and Interim Chair, Department of Criminal Justice and Criminology**

B.S., Truman State University, 1998;
M.A., Illinois State University, 2000;
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RASHONDA B. BOSTIC, Academic Advisor, College of Business Administration Student Services Center, and Adjunct Instructor

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WILLIAM J. BOSTWICK, Associate Professor Emeritus and Chair

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 B.I.E., Auburn University, 1969;
 M.B.A., Georgia State University, 1972;
 Ph.D., Georgia State University, 1980. (1980)

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B.A., University of Nice, 2007;
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B.A., North Carolina State University, 2002;
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 Ph.D., Emory University, 2012. (2012)

**LOWELL BOUMA, Professor Emeritus and Head Emeritus,
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B.A., Calvin College, 1957;
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 Ph.D., University of Wisconsin, 1968. (1975)

**PAMELA G. BOURLAND-DAVIS, Professor and Chair,
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B.S., Georgia Southern College, 1980;
 M.S., Arkansas State University, 1982;
 Ph.D., University of Georgia, 1995. (1981)

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B.S., Brooklyn College, 1956;
 Ph.D., Rutgers University, 1961. (1964)

***TY W. BOYER, Assistant Professor of Psychology**

B.S., Arizona State University, 2000;
 M.A., University of Maryland, 2002;
 Ph.D., University of Maryland, 2005. (2012)

AMY BOYETT, Associate Professor of Interior Design

B.S., Georgia Southern University, 1998;
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A.S., Spokane Falls Community College, 1990;
 B.S., Middle Tennessee State University, 1992;
 M.M.A., University of South Carolina, 2005. (2008)

***JAMES BRADFORD, Professor of Computer Sciences**

B.Math., University of Waterloo, 1976;
 M.Math., University of Waterloo, 1977;
 Ph.D., University of Waterloo, 1982. (2003)

**ROGER G. BRANCH, Professor Emeritus and Chair Emeritus,
Department of Sociology and Anthropology**

A.B.J., University of Georgia, 1956;
 B.D., Southeastern Baptist Theological Seminary, 1959;
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Campus Directory and Map

Campus Directory

For the most current campus directory information, go to <http://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 <http://www.georgiasouthern.edu/map/>.