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### Graduate Catalog

Georgia Southern University

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# GEORGIA SOUTHERN UNIVERSITY

## Graduate 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

### 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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## Message from the Dean

The mission of the Jack N. Averitt College of Graduate Studies is to develop, promote and sustain graduate programs of the highest quality at Georgia Southern University. The College of Graduate Studies seeks to support graduate students and graduate programs at the highest level, to provide a foundation for university graduate program growth and development, and to advance excellence in research and scholarly activities associated with graduate education.

The namesake of the College, Dr. Jack N. Averitt, was instrumental in inaugurating graduate education in South Georgia and served the Institution as a visionary faculty member and Dean from 1945 to 1979. Dr. Averitt organized Georgia Southern University's first graduate programs with off-campus centers and served as the first Graduate Dean from 1969 until his retirement. A Paul Harris Fellow and Rotary International Foundation Trustee, Dr. Averitt further broadened the University's horizons as Director of the campus Rotary Language Institute for international students. In 1998 the Graduate College was named the Jack N. Averitt College of Graduate Studies in honor of Dr. Averitt's many contributions to the Institution and to the development and support of graduate studies.

To this day the College of Graduate Studies proudly subscribes to the Rotary's core value of "Service Above Self," as the College continues to diligently serve the many faculty, staff and students that encompass the graduate education enterprise at Georgia Southern, supporting 43 degree majors offered to approximately 2,580 students by over 700 graduate faculty members. Working independently and collaboratively, Georgia Southern graduate faculty members offer committed graduates student unlimited opportunities for development. The University's facilities provide outstanding opportunities for distinguished careers in the science and mathematics, public health, health and human sciences, nursing, engineering and information technology, the arts and social sciences, business, and education.

This Graduate Catalog provides an overview of the many academic colleges and graduate programs across campus, as well as course descriptions. For additional information, we invite you to visit our web page at <http://cogs.georgiasouthern.edu/>, and encourage you to become well acquainted with your graduate program, the graduate program directors, and your mentors and advisors within your program.

Charles E. Patterson, Ph.D.  
Vice President for Research and Economic Development and  
Dean, Jack N. Averitt College of Graduate Studies

# Jack N. Averitt College of Graduate Studies - Directory Page

## Office of the Vice President for Research and Economic Development and Dean, College of Graduate Studies

Office of the Vice President and Dean	Phone	Building	Room
Dr. Charles E. Patterson, Vice President for Research and Economic Development and Dean, College of Graduate Studies	912-478-8641 912-478-2647	Marvin Pittman Veazey Hall	1001 1012
Audie Graham, Assistant to the Vice President and Dean	912-478-0851	Marvin Pittman	1001
Lisa Bridges, Special Projects Coordinator	912-478-8615	Marvin Pittman	1001
Erin Shumam, Business Manager	912-478-8641	Marvin Pittman	1001

College of Graduate Studies	Phone	Building	Room
Dr. John R. Diebolt, Associate Dean	912-478-1710	Veazey Hall	1013B
Melanie Reddick, Graduate Program Administrator	912-478-7579	Veazey Hall	1013C
Marla Bruner, Director of Graduate Student Services	912-478-5457	Veazey Hall	1014C
Jeb Barger, Systems Support Specialist	912-478-2588	Veazey Hall	1014A
Randi Sykora-McCurdy, Administrative Assistant	912-478-8612	Veazey Hall	1000F

Graduate Admissions	Phone	Building	Room
Tristram Aldridge, Director of Graduate Admissions	912-478-5635	Veazey Hall	1003D
Perla Middleton, Associate Director - Graduate Admissions	912-478-8622	Veazey Hall	1003A
Amanda Gilliland, Coordinator of Graduate Student Communications	912-478-2302	Veazey Hall	1004C
Erica Colbert, Graduate Assistant Specialist	912-478-8623	Veazey Hall	1004D
Naronda Wright, Graduate Assistant Specialist	912-478-8626	Veazey Hall	1004A

Additional Number	Phone
Financial Aid Office, Rosenwald Building, Second Floor	912-478-5413
Bursar's Office, Deal Hall	912-478-0999
Registrar's Office, Rosenwald Building, Third Floor	912-478-5152
Office of Research Services & Sponsored Programs, Veazey Hall	912-478-5465
Henderson Library	912-478-5115
Testing Center, Cone Hall, Second Floor	912-478-5415
Center for International Studies, Forest Drive Building	912-478-0332
Parking and Transportation Services Office	912-478-7275

# Graduate Degrees, Endorsements and Certificate Programs

## Graduate Degrees, Endorsements and Certificate Programs Offered

<u>Department</u>	<u>Program</u>	<u>Program Director</u>
<u>Degree/Program</u>		
<b><u>College of Business Administration (COBA)</u></b>		
<b><u>Accounting</u></b>		
M.Acc	Master of Accounting	Dr. Dwight Sneathen
WebM.Acc	Master of Accounting (Online)	Dr. Dwight Sneathen
<b><u>Business Administration</u></b>		
M.B.A.	Master of Business Administration	Mr. Gordon Smith
	Health Services Administration	Mr. Gordon Smith
	Information Systems	Mr. Gordon Smith
	International Business	Mr. Gordon Smith
WebMBA	Master of Business Administration (Online)	Ms. Kate Channell
<b><u>Economic Development</u></b>		
M.S.	Master of Science in Applied Economics (Online)	Dr. Chris Paul
Certificate	Applied Economics (Online)	Dr. Chris Paul
<b><u>Information Systems</u></b>		
Certificate	Enterprise Resources Planning (ERP) (Online)	Dr. Camille Rogers
<b><u>Management, Marketing, and Logistics</u></b>		
Ph.D.	Doctor of Philosophy - Logistics and Supply Chain Management	Dr. Jake Simons
<b><u>College of Education (COE)</u></b>		
<b><u>Curriculum, Foundations, and Reading</u></b>		
Ed.D.	Doctor of Education in Curriculum Studies	Dr. Daniel Chapman
Ed.S.	Education Specialist in Reading Education (Online)	Dr. Michael Moore
M.Ed.	Master of Education in Reading Education (Online)	Dr. Michael Moore
Endorsement	Reading Endorsement: Classroom Teacher of Reading Program (Online)	Dr. Michael Moore
<b><u>Leadership, Technology, and Human Development</u></b>		
Ed.D.	Doctor of Education in Educational Leadership	Dr. Devon Jensen
	Higher Education Leadership	Dr. Devon Jensen/ Dr. Brenda Marina
	P-12 Educational Leadership	Dr. Devon Jensen/ Dr. Brenda Marina
Ed.S.	Education Specialist in Counselor Education	Dr. Jim Bergin
Ed.S.	Education Specialist in Educational Leadership	Dr. Mohomodou Boncana/
	School Administration	Dr. Teri Melton Dr. Mohomodou Boncana/
Ed.S.	Education Specialist in Instructional Technology (Online)	Dr. Teri Melton
	School Library Media Specialist	Dr. Charles Hodges
	Instructional Technology	Dr. Charles Hodges
Ed.S.	Education Specialist in School Psychology	Dr. Charles Hodges
M.Ed.	Master of Education in Counselor Education	Dr. Jeff Tysinger
	School Counseling	Dr. Jim Bergin
	Clinical Mental Health Counseling	Dr. Jim Bergin
	Student Services in Higher Education	Dr. Jim Bergin
M.Ed.	Master of Education in Educational Leadership (Online)	Dr. Mohomodou Boncana/
M.Ed.	Master of Education in Higher Education Administration (Online Option)	Dr. Teri Melton
		Dr. Daniel Calhoun/ Dr. Brenda Marina
M.Ed.	Master of Education in Instructional Technology (Online)	Dr. Charles Hodges
	School Library Media Specialist	Dr. Charles Hodges
	Instructional Technology	Dr. Charles Hodges

Endorsement	Dual Certification in School Media and Instructional Technology	Dr. Charles Hodges
	Online Teaching and Learning Endorsement (Online)	Dr. Elizabeth Downs
<b>Teaching and Learning</b>		
Ed. S.	Education Specialist in Early Childhood Education (Online)	Dr. Maggie LaMontagne
	Education Specialist in Middle Grades Education (Online)	Dr. Maggie LaMontagne
	Education Specialist in Secondary Education (Online)	Dr. Maggie LaMontagne
	Education Specialist in Special Education (Online)	Dr. Maggie LaMontagne
M.A.T.	Master of Arts in Teaching	Dr. Missy Bennett
	Middle Grades Education	Dr. Missy Bennett
	P-12 Education- Spanish	Dr. David Alley
	Secondary Education - Biology	Dr. Missy Bennett
	Secondary Education - Broad Fields Science	Dr. Missy Bennett
	Secondary Education - Business	Dr. Missy Bennett
	Secondary Education - Chemistry	Dr. Missy Bennett
	Secondary Education - Economics	Dr. Missy Bennett
	Secondary Education - English	Dr. Missy Bennett
	Secondary Education - Family and Consumer Sciences	Dr. Missy Bennett
	Secondary Education - Geography	Dr. Missy Bennett
	Secondary Education - History	Dr. Missy Bennett
	Secondary Education - Mathematics	Dr. Missy Bennett
	Secondary Education - Physics	Dr. Missy Bennett
	Secondary Education - Political Science	Dr. Missy Bennett
	Special Education (Online)	Dr. Eric Landers
M.Ed.	Master of Education in Curriculum and Instruction - Accomplished Teaching (Online)	Dr. Kymberly Drawdy
M.Ed.	Master of Education in Early Childhood Education (Online)	Dr. Hsiu-Lien Lu
	Master of Education in Middle Grades Education (Online)	Dr. Greg Chamblee
	Master of Education in Secondary Education (Online)	Dr. Greg Chamblee
	Master of Education in Special Education (Online)	Dr. Eric Landers
	Moderate Severe Disabilities - Adaptive	Dr. Eric Landers
	Mild Disabilities - General	Dr. Eric Landers
Endorsement	English for Speakers of Other Languages (ESOL) Endorsement	Dr. Scott Beck

**College of Engineering and Information Technology (CEIT)**

**Computer Science**

M.S.A.E.	Master of Science in Computer Science (Online)	Dr. Lixin Li
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**Mechanical and Electrical Engineering**

M.S.	Master of Science in Applied Engineering	Dr. Frank Goforth
	Engineering Management	Dr. Frank Goforth
	Engineering Science	Dr. Frank Goforth
	Information Technology	Dr. Frank Goforth
	Mechatronics	Dr. Frank Goforth
Certificate	Engineering and Manufacturing Management	Dr. Frank Goforth
Certificate	Occupational Safety and Environmental Compliance	Dr. Frank Goforth

**College of Public Health (JPHCOPH)**

**Public Health**

Dr.P.H.	Doctor of Public Health	Ms. Sarah Peterson
	Biostatistics	Ms. Sarah Peterson
	Community Health Behavior and Education	Ms. Sarah Peterson
	Public Health Leadership (Partially Online)	Ms. Sarah Peterson
M.H.A	Master of Healthcare Administration	Dr. James Stephens
M.P.H.	Master of Public Health	Dr. Robert Vogel
	Biostatistics	Dr. Alfonso Moya
	Community Health	Dr. Brian Bossek
	Environmental Health Sciences	Dr. Clair Robb
	Epidemiology	Dr. Renee Hotchkiss
	Health Policy and Management	

**College of Health and Human Science (CHHS)**

**Health and Kinesiology**

M.S.	Master of Science in Kinesiology	Dr. Thomas Buckley
	Athletic Training	Dr. Thomas Buckley
	Coaching (Online)	Dr. Drew Zwald
	Exercise Science	Dr. Jim McMillan
	Physical Education	Dr. Tony Pritchard



	Sports Nutrition Sport Psychology Dieteric Internship	Dr. Amy Jo Riggs Dr. Daniel Czech
CERT		
<b><u>Nursing</u></b>		
D.N.P.	Doctorate of Nursing Nursing Practice	Dr. Deborah Allen Dr. Deborah Allen
M.S.N.	Master of Science in Nursing Nurse Practitioner Clinical Nurse Specialist	Dr. Deborah Allen Dr. Deborah Allen Dr. Deborah Allen

### **College of Liberal Arts and Social Sciences (CLASS)**

<b><u>Art</u></b>		
M.F.A.	Master of Fine Arts 2D Graphic Design 2D Studio Art 3D Studio Art	Dr. Marc Moulton Dr. Marc Moulton Dr. Marc Moulton Dr. Marc Moulton
<b><u>Foreign Languages</u></b>		
M.A.	Master of Arts in Spanish	Dr. David Alley
<b><u>History</u></b>		
M.A.	Master of Art in History	Dr. Timothy Teeter
CERT	Public History	Dr. Timothy Teeter
<b><u>Literature and Philosophy</u></b>		
M.A.	Master of Arts in English	Dr. Caren Town
<b><u>Music</u></b>		
M.M.	Master of Music Composition Conducting Music Education Performance Music Technology	Dr. Greg Harwood Dr. Greg Harwood Dr. Greg Harwood Dr. Greg Harwood Dr. Greg Harwood Dr. Greg Harwood
<b><u>Political Science</u></b>		
M.P.A.	Master of Public Administration	Dr. Trenton Davis
CERT	Public and Nonprofit Management	Dr. Trenton Davis
<b><u>Psychology</u></b>		
Psy.D.	Doctor of Clinical Psychology	Dr. Bryant Smalley
M.S.	Master of Science in Experimental Psychology	Dr. Janie Wilson
<b><u>Sociology and Anthropology</u></b>		
M.A.	Master of Art in Social Science Anthropology History Political Science Psychology Sociology	Dr. Ted Brimeyer Dr. Ted Brimeyer Dr. Ted Brimeyer Dr. Ted Brimeyer Dr. Ted Brimeyer Dr. Ted Brimeyer

### **College of Science and Mathematics (COSM)**

<b><u>COSM</u></b>		
M.S.P.S	Master of Science in Applied Physical Science	Dr. Michele McGibony
<b><u>Biology</u></b>		
M.S.	Master of Science in Biology	Dr. Lance McBrayer
<b><u>Mathematical Sciences</u></b>		
M.S.	Master of Science in Mathematics Applied Mathematics Computational Science Pure Mathematics Statistics	Dr. Yan Wu Dr. Yan Wu Dr. Yan Wu Dr. Yan Wu Dr. Yan Wu
Endorsement	K-5 Mathematics Endorsement (COSM with Certification through COE) (Online)	Dr. Sharon Taylor

### **Graduate Certificates Programs**

COBA	Applied Economics (Online)	Dr. Donna K. Fisher
COBA	Enterprise Resources Planning (ERP) (Online)	Dr. Camille Rogers
CEIT	Engineering and Manufacturing Management	Dr. Frank Goforth
CEIT	Occupational Safety and Environmental Compliance	Dr. Frank Goforth
CHHS	Coaching	Dr. Drew Zwald
CHHS	Community Health Clinical Nurse Specialist	Dr. Deborah Allen

CHHS  
CHHS  
CHHS  
CLASS  
CLASS

Dietetic Internship  
Nurse Educator  
Post MSN Family Nurse Practitioner  
Public and Nonprofit Management  
Public History

Dr. Deborah Allen  
Dr. Deborah Allen  
Dr. Trent Davis  
Dr. Timothy Teeter

# 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 ( <a href="http://students.georgiasouthern.edu/registrar">http://students.georgiasouthern.edu/registrar</a> ) 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 ( <a href="http://academics.georgiasouthern.edu/advisement/aa_policy.html">http://academics.georgiasouthern.edu/advisement/aa_policy.html</a> )
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 ( <a href="http://students.georgiasouthern.edu/registrar">http://students.georgiasouthern.edu/registrar</a> ) 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 ( <a href="http://academics.georgiasouthern.edu/advisement/aa_policy.html">http://academics.georgiasouthern.edu/advisement/aa_policy.html</a> )
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 ( <a href="http://students.georgiasouthern.edu/registrar">http://students.georgiasouthern.edu/registrar</a> ) for specific registration times.

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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



# Institutional Testing Schedule 2013-2014

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

**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.

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# National Testing Schedule 2013-2014

(Dates are subject to change)

**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

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

See the web site for the testing dates.

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](mailto:testing@georgiasouthern.edu).

# Accreditation

Georgia Southern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award bachelor's, master's, specialist's, 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

## The City of Statesboro

The City of Statesboro is a progressive community that provides an exceptional quality of life to its residents and offers southern charm and hospitality to its visitors. The City offers a high standard of living with a commitment to ensure the most responsive and progressive public services to residents, businesses and visitors. Statesboro is where the living remains softly southern.

Statesboro has a growing economy facilitated by a strong industrial base, a growing dynamic research university and a regional medical center. Statesboro is currently experiencing rapid change as a result of unprecedented growth in commercial/retail expansion and residential development.

The City of Statesboro is the county seat of Bulloch County, Georgia located in the southeastern corner of the state. It is located about 3.5 hours from Atlanta and about 1 hour from Savannah, Georgia.

Recreation opportunities in the City are plentiful. The mild climate through the year allows outside recreation for enthusiasts almost any time of the year. In addition, the city offers many cultural opportunities that include the David H. Averitt Center for the Arts and Performing Arts Center on the Georgia Southern University campus.

## 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
- PRATRICE 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

## The College of Graduate Studies

The College of Graduate Studies is the only academic unit at Georgia Southern University whose sole concern and primary advocacy is graduate education. The College of Graduate Studies provides institutional oversight for more than 40 graduate curricula programs established across eight academic colleges, with nearly 2580 registered graduate students each semester. These programs span the breadth of graduate education from practice-oriented master's programs that prepare students for leadership roles in a wide variety of professional settings to research focused doctoral programs that develop the next generation of scholars. The College of Graduate Studies works closely with the Graduate Committee, the deans and graduate faculties of the eight academic colleges and external accrediting organization to ensure excellence in all aspects of the graduate experience. The College of Graduate Studies also helps the university maintain a culture of collegiality and ethical behavior through its dedication to fairness and integrity. In addition to the Colleges, several other departments or agencies within Georgia Southern University enhance the academic life of the University.

## Graduate Faculty

A member of the Graduate Faculty at Georgia Southern University must be an active, productive, creative scholar or creative performer in his/her discipline. In order to teach graduate students how to be active scholars, practitioners, and/or performers in their own right, Graduate Faculty must be involved in the current knowledge, methods, and techniques of their disciplines. This modeling of sustained scholarship/performance is the cornerstone of quality graduate education. There are two Categories of Graduate Faculty: Member and Affiliate. Members of the Graduate Faculty are professorial faculty on tenured or tenure-track appointments. Affiliate Graduate Faculty include research appointees, visiting, temporary, adjunct, or part-time faculty who may appropriately teach graduate classes and serve on thesis and dissertation committees. Affiliate can also be used to recognize outstanding scholars, including those who work in government agencies, private industry, healthcare, and education who are not full-time employees of Georgia Southern University whom the College of Graduate Studies welcomes to participate on thesis and dissertation committees.

Members are eligible:

- To teach graduate courses.
- For memberships on university graduate committees.
- To serve on comprehensive examination committees.

- To direct and/or chair master's and doctoral committees as approved by the department/school or division.

Affiliates are eligible:

- To teach graduate courses.
- To serve on comprehensive examination committees.
- For membership on and/or co-chair master's and doctoral committees as approved by the department/school or division.

Member and Affiliate graduate faculty status is granted permanently.

### University-wide Criteria

The minimum University-wide criteria for appointment to the Member Category of the Graduate Faculty shall be:

- an earned terminal degree;
- demonstrated ability to teach graduate courses;
- demonstrated involvement in graduate programming and curriculum, including advising responsibilities and directing student research; and
- demonstrated evidence of scholarly activity.

The minimum University-wide criteria for appointment to the Affiliate category of the Graduate Faculty shall be:

- SACS minimum for faculty credentials
- College criteria as applicable.

Faculty Committees in Departments/Schools and Colleges may develop additional criteria for Graduate Faculty. The Graduate Committee of the Faculty Senate must approve these criteria.

## Graduate Degree Program Directors/Coordinators

The Graduate Program Director (GPD) in an academic unit is a faculty member appointed by the unit administrator (Chair) to administer its graduate program(s). The GPD makes recommendations for admission, provides approval for Programs of Study, Thesis and Dissertation committees, etc. It is the GPD's responsibility to coordinate the department's program with the COGS. The GPD receives all inquiries, applications, announcements, and requests for data and information relative to the academic program(s), and communicates the COGS policies and actions to program faculty and graduate students. Graduate Program Directors are expected to be knowledgeable of degree requirements, Graduate School regulations and procedures, and the general organization of the University as it affects graduate students. The specific duties of the GPDs include:

- Processing and evaluation of applications
- Transmitting to the Office of Admissions the program's recommendation on student applications for admission
- Notifying the COGS of the student's progress towards the degree (exams, etc.)
- Submitting Programs of Study to the COGS for final approval
- Endorse Programs of Study for final approval by the COGS
- Maintaining unit files on prospective, present and past students
- Providing department endorsement of requested exceptions to University policy
- Attendance and participation in COGS Program Director meetings and functions.

## 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 practices the philosophy that faculty members should be involved in graduate student advisement whenever possible since they provide a necessary academic orientation 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. Graduate students are assigned a graduate faculty advisor in their discipline area at the time of admission into a graduate program.

#### *Definition of the Role of Graduate Advisors*

Graduate advisors serve as a resource, providing information about university programs and institutional requirements to assist students in developing the most coherent plan for their graduate study. 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 serve as mentors, guiding students in their selection of future studies or career pathways.

### 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 20<sup>th</sup> 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 vogtensis*, 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 an 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](http://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/#pappendix\\_e\\_specific\\_documentation\\_guidelines](http://www.usg.edu/academic_affairs_handbook/section3/C793/#pappendix_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](mailto:michaelp@georgiasouthern.edu).

### 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](mailto: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.

# Graduate Admissions

The College of Graduate Studies invites 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 graduate study at Georgia Southern University. (See Equal Opportunity Policy statement inside the front cover.)

Applications for admission may be submitted online at <http://cogs.georgiasouthern.edu/admission>. 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 semester 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. Not all graduate programs have the same application deadlines and some programs do not admit students every semester.

The College of Graduate Studies reserves the right to require additional indicators demonstrating the applicant's ability to successfully complete graduate study prior to rendering an admission decision.

## Minimum Admission Requirements

All applicants must hold at least a baccalaureate degree or the equivalent from a regionally accredited U.S. college or university or a degree from a non-U.S. institution of higher education that is judged equivalent to a U.S. baccalaureate degree by the College of Graduate Studies (COGS). International applicants who have graduated from a college or university that is a member of the Bologna Project will be considered for admission to a graduate degree program.

Any applicant who seeks admission to a graduate degree program is said to be applying as a graduate degree-seeking student. All other graduate applicants are said to be applying as graduate non-degree-seeking students.

Admission is granted for a specific semester and is validated by registration for that semester. Applicants wishing to defer admission to a subsequent semester may request a one-time deferral from the Office of Graduate Admissions as long as the request occurs before the start of the original semester of matriculation.

Applicants must be admitted to the COGS before they are eligible to register for classes. Only students formally admitted to the COGS are eligible to enroll in graduate courses (courses numbered 5000G, 6000, 7000, 8000 and 9000). Official admission acceptance is conveyed to the applicant in a formal letter issued by the Dean of the COGS.

## Minimum Admission Requirements for a Graduate Degree or Certificate Program

Achievement of the minimum admission requirements of the College of Graduate Studies does not guarantee admission to a graduate degree program. A student who is admitted to one graduate program is not guaranteed admission to any other graduate degree program at any time in the future.

Admission to a graduate program is competitive and qualified applicants may be denied admission depending on a wide variety of programmatic variables. To ensure the best possible opportunity for admission, each applicant is strongly encouraged to review the specific admission requirements and application procedures listed in this catalog for the specific program of interest. Typically, review of an application cannot begin until all application documents are received, including those that are specific to a specific program. Applicants can check the status of their application and the receipt of application documents by visiting the website of the Office of Graduate Admissions at <http://cogs.georgiasouthern.edu/admission>.

## How to Apply for Admission to the College of Graduate Studies

Application materials may be obtained from the COGS web site at <http://cogs.georgiasouthern.edu/admission>. Departments and schools in which graduate degree programs are offered set requirements to complete an application. All application documents, including official test score reports, letters of recommendation and other required supporting documents, should be received in the Office of Admissions by the stated application dates for the application to receive admission review. All application documents must be received by the application deadline for the application to be considered. The applicant must submit a transcript from each college or university previously attended. A transcript is required even if the courses from one school appear on the transcript of another school. Official transcripts must be submitted by all applicants offered admission and are required for each college or university attended. All application documents become the property of Georgia Southern University and may not be forwarded to a third party or returned to the applicant. The applicant must indicate if he/she is applying for a graduate degree program, certificate program, non-degree or transient admission, and must indicate a specific graduate major area of study that is offered at Georgia Southern University.

Application documents are electronically available to the academic departments for their review and recommendation.

## Graduate Application Process

Applicants are responsible for submitting all materials required for admission. These items include, but are not limited to, the following: application for admission, application-processing fee, transcripts, standardized exam scores, letters of recommendation,

and any supplemental material required by the department. While certification of finances forms (international applicants only) may be submitted during the application process, the documents are forwarded directly to the Center for International Studies and are not used to determine academic admissibility. All application materials, unless otherwise specified, should be submitted on-line to the Office of Graduate Admissions. Those application materials not available for electronic submission can be submitted in hard-copy format to the Office of Graduate Admissions prior to the deadline.

An applicant wishing to defer an application to a subsequent semester may submit a one-time request to the Office of Graduate Admissions, as long as the request occurs prior to the start of the original semester of matriculation. After the original semester of matriculation has begun, the applicant must submit a new application and application fee to defer an application to a future semester. Deferred applications are referred to the department for reconsideration and a new admissions recommendation.

The College of Graduate Studies may refuse admission to applicants whose files are incomplete after the beginning of the semester of expected matriculation and when the applicants have not requested deferrals to future semesters. The application and supporting documents become the property of the University and cannot be returned or forwarded elsewhere.

### Domestic (U.S. Citizen and Resident Alien)

#### Applicants

- Completed on-line Graduate Application for Admission Form
- \$50.00 non-refundable application fee (subject to change)
- Official transcripts from each college or university previously attended. Transcripts must be designated as official and sent directly from the institution(s) previously attended to the Office of Graduate Admissions. Transcripts marked "Issued to Student" will not be accepted as official. Applicants who have attended Georgia Southern University are not required to submit Georgia Southern transcripts. Applicants who attended foreign institutions not regionally accredited by a US regional accrediting body may be required to have transcripts evaluated by a member of the National Association of Credential Evaluations Services, Inc. (NACES).
- Official test scores as required for the selected program. Scores must be within the last five years (two years for the TOEFL/IELTS) and sent directly from the testing agency to the Office of Graduate Admissions.
- Certificate of Immunization Form. (*Not required for applicants in fully on-line programs*). This form should be completed and sent directly to the Office of Health Services.
- Other documents as required by the department, college, or program. These may include letters of reference, personal statement, or letter of intent. See <http://cogs.georgiasouthern.edu> for information on program specific requirements.
- Applicants who are applying for a graduate assistantship must complete the Graduate Assistantship Application.

### International Graduate Applicants

All international students admitted to the College of Graduate Studies must demonstrate the same level of achievement as U.S. students. They must have an outstanding undergraduate record,

have the demonstrated ability to do graduate work, and give evidence of language proficiency sufficient for the pursuit of a graduate degree. International applicants must qualify for "Regular" admission and may not be granted "Provisional" admission. International applicants are not granted non-degree admission status unless holding an immigration status that permits non-degree admission. Questions about the qualifications of international students should be directed to the College of Graduate Studies.

International applicants for admission to the COGS must submit the following:

- Completed on-line Graduate Admission Form.
- \$50.00 non-refundable application fee (subject to change).
- Certified copy of diploma and certified English translation of diploma. This must be sent directly from the institution(s) previously attended to the Office of Graduate Admissions.
- Certified original and English translations of transcripts. Transcripts designated as official must be sent directly from the institution in a sealed envelope to the Office of Graduate Admissions. Transcripts marked "Issued to Student" will not be accepted as official. Applicants who have attended Georgia Southern University are not required to submit Georgia Southern transcripts. Applicants may be required to have transcripts evaluated by a member of the National Association of Credential Evaluations Services, Inc. [NACES]).
- Official test scores as required for the selected program. Scores must be current, within the last five years, and sent directly from the testing agency to the Office of Graduate Admissions.
- Official TOEFL or IELTS scores not more than two years old
- SEVIS Data Form. This form should be completed and sent directly to the Office of Graduate Admissions.
- Certified Bank Statement (not more than six [6] months old) confirming finances. (See page 1 of the SEVIS Data Form for specifications.) This statement should be completed and sent directly to the Office of Graduate Admissions.
- Other documents as required by the department, college, or program. These may include letters of reference, personal statement, or letter of intent. See <http://cogs.georgiasouthern.edu> for information on program specific requirements.
- Applicants who are applying for a graduate assistantship must complete the Graduate Assistantship Application.

International applicants admitted must submit the completed Certificate of Immunization Form to the Health Services Office to be eligible to register for classes.

Credentials evaluated by any U.S. agency that is a member of the National Association of Credential Evaluation Services, Inc. (NACES) may be presented. The evaluation must be sent directly from the agency to the Office of Graduate Admissions. Three such agencies are:

Joseph Silny and Associates, Inc.  
International Education Consultants  
7101 WS 102 Avenue  
Miami, FL 33173  
(305) 273-1616  
Fax (305) 273-1338  
Email: [info@jsilny.com](mailto:info@jsilny.com)  
<http://www.jsilny.com>

World Education Services  
 P.O. Box 5087  
 Bowling Green Station  
 New York, NY 10274-5087  
 (212) 966-6311  
 Fax: (212) 739-6100  
 Email: INFO@WES.ORG  
<http://www.wes.org/>

Lisano International  
 PO Box 407  
 Auburn, AL 36831-0407  
 (334) 745-0425  
 Fax: (334) 745-0425  
 Email: LisanoINTL@AOL.com  
<http://www.LISANO-Intl.com>

## Application Deadlines - College of Graduate Studies

Application deadlines vary by program and are specific to a given semester to which each program admits applicants. Application deadlines are also subject to change. Therefore, applicants are encouraged to check the application deadline for the program in which they are interested at <http://cogs.georgiasouthern.edu/admission/GraduatePrograms/gradprograms.php>. All items required for admission must be received by the published deadline. International applicants should apply significantly in advance of the deadline to allow time for the arrival of any required admission items via international mail. For those programs with rolling admission, in general, priority deadlines are specified below:

### U.S. Citizens/Naturalized Citizens

#### Fall Semester

March 1 (Priority)  
 July 1 (Final Deadline)

#### Spring Semester

October 1 (Priority)  
 November 15 (Final Deadline)

#### Summer Semester

March 15 (Priority)  
 April 1 (Final Deadline)

### International Students

#### Fall Semester

March 1 (Priority)  
 June 1 (Final Deadline)

#### Spring Semester

October 1 (Final Deadline)

#### Summer Semester

February 1 (Final Deadline)

Admission to the College of Graduate Studies is competitive. Applicants are encouraged to submit application materials by the Priority Deadline. Priority is for students seeking financial aid, scholarships, and assistantships. Applications received after the Final Deadline may be considered by the Program Directors on a case-by-case basis.

## Graduate Admission Classification

A prospective student who plans to take additional course work beyond the baccalaureate degree must apply to the COGS and be admitted under one of the following classifications:

### Degree Admission

Students who are admitted to the COGS with the expressed intention of following a program leading to a graduate degree are classified as degree-seeking students. When admitted as a degree-seeking student, the applicant will be placed in one of the following categories:

1. **Regular** - Meets all requirements for unqualified admission and has been recommended by the college, department or program in which he/she proposes to study, and approved by the COGS.
2. **Provisional** - Does not satisfy the full admission requirements. Applicants granted Provisional admission are required to earn grades of "B" or better in their first nine (9) hours of graduate credit taken at Georgia Southern University under this admission category. Failure to satisfy the conditions of provisional admission will result in exclusion from the degree program. A student admitted in this category will be reclassified to Regular admission when the conditions have been met. A Provisional student may enroll in graduate courses and such courses may be counted in a degree program when the student has been reclassified as a Regular student. Only credit earned in graduate courses at Georgia Southern University may be used to satisfy Provisional admission requirements. A student excluded from a graduate degree program for failure to meet the conditions of provisional admission may not be readmitted to the COGS under non-degree admission. There is no provisional admission to Doctoral programs. Applicants with Provisional admission are not eligible for graduate assistantship positions.

### Non-Degree Admission

An applicant may be admitted to the COGS as a non-degree student to earn credit in graduate courses **without** working toward a degree. Students who are admitted in a non-degree category may later apply to a degree program. Upon the advisor's recommendation, non-degree graduate courses may be included in the program of study should the student gain reclassification as a Regular student. A student may be admitted to the COGS in one of the following non-degree admission categories:

1. **Limited** - A student whose file is incomplete because all required application materials have not been received in the Office of Graduate Admissions. Enrollment in the Non-Degree Limited category is limited to a maximum of nine (9) semester hours of credit in graduate courses in any seven contiguous years. A student may count a limited number of credit hours earned under non-degree admission toward graduate degree program requirements if recommended by the degree Graduate Program Director and approved by the Dean of the College of Graduate Studies. Students enrolled under this admission category are not eligible for graduate assistant positions nor for financial aid.
2. **Enrichment** - A student who holds an undergraduate or graduate degree and desires to take courses for personal or professional improvement. Enrollment in the Non-Degree Enrichment category is limited to 18 credit hours unless otherwise stated by the department. Certain Departments



may limit the number of credits earned under this non-degree admission category that may count toward graduate degree requirements to less than 18 hours. Students enrolled under this admission category are not eligible for graduate assistant positions nor for financial aid.

3. **Certificate** - A student who holds an undergraduate or graduate degree can pursue a graduate certificate program through the Non-degree Certificate admission. Enrollment in the Non-Degree Certificate category is limited to the number of hours required for the certificate program, not to exceed 18 semester hours of credit in graduate courses in any seven contiguous years unless additional hours are approved by the College of Graduate Studies. A student may count the credit hours earned as part of the certificate program toward graduate degree program requirements if recommended by the degree Graduate Program Director and approved by the Dean of the College of Graduate Studies. Students enrolled under this admission category are not eligible for graduate assistant positions nor for financial aid.
4. **Teaching/Service/Leadership Certification** - A student seeking initial certification as a P-12 educator (teaching, service or leadership certification as defined by the Georgia Professional Standards Commission) may be admitted in this category and enroll in graduate courses required for certification in any seven contiguous years. In addition, in-service teachers enrolling to meet requirements of a local board of education or the Georgia Professional Standards Commission to renew or reinstate a certificate, to certify in a new area, or to obtain an endorsement to an existing certificate may enroll in graduate courses for credit for this particular purpose through this category. Note that admission in this category and completion of a certification program does not guarantee subsequent admission to a graduate degree program; that is a separate process, and different criteria must be met. Enrollment in this category is limited to the number of hours required for certification and/or endorsement not to exceed 18 semester hours of credit. A student may count the credit hours earned as part of the certification/endorsement program(s) toward graduate degree program requirements if recommended by the degree Graduate Program Director and approved by the Dean of the College of Graduate Studies. (Note that some certification fields require completion of a M.Ed. and/or Ed.S. degree; refer to the admission requirements or Graduate Program Director for information on the specific field of interest.) Students enrolled under this admission category are not eligible for graduate assistant positions.

## Transfer Credit

A graduate student may transfer graduate credit from a regionally accredited institution. Additionally, graduate credit from the American Council of Education (ACE) for National Board Certification may be accepted for elective credit in a Master's or Education Specialist's program of study. A maximum of six (6)\* transferred semester hours may apply toward a Master's or Education Specialist's degree provided:

- The institution offers the graduate degree program for which the student has been admitted at Georgia Southern University. (Not required for transfer of ACE transcript credit.)
- An official transcript is sent directly to the College of Graduate Studies from the institution in which the graduate work was taken.

- The credit was earned no more than 7 years prior to the date of completion of the graduate degree.
- The student's advisor or major professor has to approve the transfer credit as a part of the student's approved program of study.
- A student pursuing a graduate degree at Georgia Southern University who plans to take graduate courses at another institution as a transient student must complete a Graduate Student Transient Permission Form, which must be approved by the advisor or major professor and the College of Graduate Studies prior to enrolling in the transient courses. This procedure insures that courses taken as a transient student at another institution will constitute a part of the planned program of study. Students who take courses without prior approval are doing so with the possibility that the course may not count in the degree program.
- A degree candidate may not graduate at the end of a term in which (s)he is enrolled as a transient student at another institution. The student, upon request, will be furnished a statement that all requirements for the degree have been completed when the said requirements have been satisfied.
- No grade lower than a "B" in a course earned at another institution may be accepted in transfer credit to count toward a graduate degree at Georgia Southern University.

*\* Each College of Education program involved in a USG franchise program will allow for additional graduate course credits to be received from other USG institutions involved in the respective franchise. The maximum number of transfer credits allowed will be identified by the specific program, ranging from 9 to 27 semester hours, and will be published in program materials.*

## Graduate Transient Admission

Students who are currently enrolled in a graduate program at another university may take courses at Georgia Southern University as a transient student. To be admitted as a transient student, the student must submit an application (selecting "Graduate Transient" status), and a certificate of good standing from the appropriate official from the home institution or a current transcript. A student is admitted under this classification for one semester only and must be readmitted under this classification each subsequent semester in transient status.

## 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 the College of Graduate Studies website);
- Permission to enroll in such courses is obtained from the chairperson of the department involved, the appropriate graduate program director, and the COGS;
- The student is otherwise qualified for Regular Degree Admission to the COGS; and
- 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.*

## English Proficiency for International Students

International applicants and U.S. Citizens whose native language is not English must demonstrate English proficiency. Prior to consideration for admission, international applicants whose native language is not English must take and post acceptable scores on the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they have received a degree from an accredited college or university in the United States, the United Kingdom, Canada (except Quebec), Australia, or New Zealand. The TOEFL and IELTS examinations are administered at various times of the year and in many centers through the world. Web addresses: <http://www.ets.org/toefl/> and <http://www.ielts.org>.

A score of at least 80 (internet-based test, IBT), 213 (computer-based test) or 550 (paper-based test) on the TOEFL and 6.0 on the IELTS is normally required to be considered for admission to the College of Graduate Studies. The official TOEFL and the official IELTS scores may not be more than two years old. Those who do not meet the minimum proficiency standard may be recommended for enrollment in University English courses or for English courses offered by the English Language Program (ELP) on campus. Successful completion of Intensive English Programs (IEPs) at other English Language Program (ELP) providers will be considered on a case-by-case basis.

Certain graduate programs may require a higher TOEFL or IELTS exam score to be considered for admission.

## Graduate Admission Test Score Requirements

Depending on the graduate program for which the student is applying, one of the following standardized admission tests will be required: GMAT, GRE, MAT or GACE. The following list indicates the tests that are required for each program. Test scores must be sent from the testing agency directly to the Office of Graduate Admissions. Further information on test dates and fees may be obtained from the Testing Office, Post Office Box 8067, Georgia Southern University, Statesboro, GA 30460-8067 (912) 478-5415 <http://academics.georgiasouthern.edu/testing/>.

**GRE General Test Change** – A new score scale will be used for the GRE General Test beginning August 1, 2011. The new score scale will be 130 – 170 for the Verbal Reasoning and Quantitative Reasoning subtests. The Analytical Writing subtest score will continue to be scored from 0-6.

For persons who take the GRE General Test prior to August 1, 2011 the score will continue to be reported in the old score scale (200-800).

### College of Business Administration

Ph.D. - Logistics & Supply Chain Management (GMAT)  
 Master of Accounting (GMAT)  
 Master of Business Administration (GMAT)  
 WEBMBA - (GMAT)  
 Master of Science (Applied Economics) (GRE )

### College of Education

Doctor of Education in Curriculum Studies (GRE or MAT)

Doctor of Education in Educational Leadership (GRE Only)  
 Education Specialist (GRE or MAT)  
 Master of Education (GRE or MAT)  
 Master of Arts in Teaching (GRE or MAT, and GACE)  
 USG Franchise Programs

M.Ed. in Instructional Technology (GRE or MAT, if applicant does not possess a clear, renewable Georgia certification in teaching, service or leadership field)  
 M.Ed. in Curriculum and Instruction - Accomplished Teaching (GACE)

### Allen E. Paulson College of Engineering and Information Technology

Master of Science in Applied Engineering (GRE)  
 Master of Science in Computer Science (GRE)

### Jiann-Ping Hsu College of Public Health

Master of Healthcare Administration (GRE or GMAT)  
 Master of Public Health (GRE or GMAT)  
 Doctor of Public Health (GRE, GMAT, MCAT, LSAT)

### College of Health and Human Sciences

Doctor of Nursing Practice (GRE or MAT)  
 Master of Science (Kinesiology) (GRE)  
 Master of Science in Nursing (GRE or MAT)  
 Master of Science (Sport Management) (GRE, GMAT, or MAT)

### College of Liberal Arts and Social Sciences

Doctor of Psychology (GRE)  
 Master of Arts (GRE)  
 Master of Fine Arts (Portfolio Required)  
 Master of Music (Portfolio or Audition Required)  
 Master of Public Administration (GRE)  
 Master of Psychology (GRE)

### College of Science and Mathematics

Master of Science (Biology) (GRE)  
 Master of Science (Mathematics) (GRE)

***Degree Admission Based Upon Exceptional Qualifications*** - Applicants with exceptional experience and/or academic qualifications may be granted degree admission to the College of Graduate Studies without the submission of admission test scores. Admission approval may be granted by the Graduate Dean following a review of the recommendation by the respective Graduate Program Director and Department Chair.

## Admission by Appeal

Applicants who believe they were unfairly or arbitrarily denied admission may appeal the admission decision to the College of Graduate Studies. The student will be required to provide additional information in support of the appeal. A student whose appeal for admission is denied by the department and/or college may appeal to the Dean of the College of Graduate Studies. The Dean of the College of Graduate Studies will make the final decision on an appeal.

## Immunization Requirements

Please refer to the Health Services section of the catalog.

## 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.)

## Academic Common Market - Graduate

Students from a number of states may be eligible for an out-of-state fee waiver based upon the Academic Common Market agreement that Georgia shares with these participating states ([http://www.usg.edu/academics/academic\\_common\\_market](http://www.usg.edu/academics/academic_common_market)). If a student majors in disciplines at Georgia Southern University that are not available in their home states, they may be eligible for the waiver. Sport Management is currently approved for graduate students from selected states.

## Border County Fee Waiver

Graduate students who are legal residents of an out-of-state county bordering a Georgia county in which the reporting institution or a Board-approved external center of the University System is located may apply for a waiver of non-resident (out-of-state) tuition assessment. Only Georgia Southern University graduate students who live in an out of state county that borders Chatham County in Georgia, (Jasper and Beaufort Counties, SC) and attend classes at the Coastal Georgia Center in Savannah are eligible for this waiver.

## 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 and parents with information about the lawful presence requirement. This page can be accessed by going directly to [http://www.usg.edu/student\\_affairs/students/verification\\_of\\_lawful\\_presence](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.
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. **Border County Residents.** Residents of an out-of-state county bordering a Georgia county in which the reporting institution or a Board-approved external center of the

University System is located. Only Georgia Southern University graduate students who live in an out of state county that borders Chatham County (Jasper and Beaufort Counties, SC), Georgia and attend classes at the Coastal Georgia Center in Savannah are eligible for this waiver.

8. **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.
9. **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.
10. **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 immigration 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 immigration 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 immigration 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.

11. **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.
12. **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.
13. **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.
14. **Special Admission for Students Age 62 and Older.** See Special Admission for Students Age 62 and Older in the Admissions section of the catalog.

## 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.

## International Students

### Course Load - International Graduate Students

US immigration law requires international students on a student visa to participate in a full course of study which consists of 9 semester credit hours for most majors. In addition, at least 6 of those hours must require physical presence in a classroom or other designated location. Failure to maintain full-time study will result in the loss of immigration status, and the student may be required to leave the United States. Questions regarding the effect of course load upon immigration status should be directed to immigration advisors in the Center for International Studies.

### Financial Assistance - International Graduate Students

**Graduate Assistantship** - International students may apply for Graduate Assistantships.

**International Diversity Scholarship** - Georgia Southern University also offers a limited number of International Diversity Scholarships (Out-Of-Country tuition waivers) to exceptional international graduate students. The International Diversity Scholarship will waive the assessment of the non-resident (out-of-state) tuition but students will be assessed in-state tuition.

### Visa Information - International Students

The University will issue an I-20 or DS-2019, whichever is appropriate, after the applicant has been fully admitted and all required financial documentation has been submitted. These documents permit the applicant to apply for the appropriate student visa from a U.S. embassy if outside the United States or

transfer schools or apply for a change of status if within the United States. Note that immigration law restricts the time between completing a degree or practical/academic training and having a new I-20 or DS-2019 issued to 60 and 30 days respectively and classes must start within 5 months.

### International Graduate Student Advisor

The Center for International Studies at Georgia Southern has experienced qualified advisors available to help international students with maintaining immigration status and becoming oriented to campus. Advisors are available for advice and support, and a full social and cultural program is available. To help you successfully adjust, international graduate students are required to attend orientation with the Center for International Studies which is usually scheduled the Friday before classes begin.

### Graduate Student Health Insurance

All international students are required to have adequate student health insurance as determined by Georgia Southern University. A health insurance plan is available through the University. Charges for this insurance will be on the student's invoice and collected with other university fees. Insurance for families is available at a significantly higher cost. Students who can prove that they have health insurance, equivalent to or better than the Georgia Southern University student insurance plan, may apply for a waiver of the University insurance. Students seeking a waiver must complete an insurance waiver form available from the Center for International Studies prior to arrival in the United States. Proof of health insurance is required before a student may register for classes.

# 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, or Scholarships. Most financial aid at Georgia Southern University is awarded on the basis of a student's academic progress and proven "financial need," defined as the difference between a family's estimated resources and the total estimated expense of attending the University. Georgia Southern University uses the Free Application for Federal Student Aid (FAFSA) form provided by the U.S. Department of Education to measure a student's financial aid eligibility. Contact the 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>

Three types of financial aid are available:

- **Grants** - Teacher Education Assistance for College and Higher Education (TEACH)
- **Loans** - Loan programs are available from the Federal government.
- **Scholarships** - Georgia Southern University offers a limited number of academic scholarships to its students.

## 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](mailto: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.)

### 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 Direct Unsubsidized Loan under the William D. Ford Federal Direct Loan Program.

## Loan Programs

### Federal Direct Stafford Loan

The Federal Direct Unsubsidized Stafford Loan Program provides low-interest, long-term loans through the University. Funding for these loans comes from the U.S. Department of Education. Eligible students must be admitted and enrolled in good standing at least half-time in a program leading to a degree. If you drop below half-time status during a semester, the remainder of your loan may be canceled. Half-time is defined as 4 credit hours unless you are in one of the 3-credit hour degree programs listed below:

- MS - Applied Economics on-line/Web
- MS - Computer Science/Web
- Master of Music
- Doctor of Nursing Practice
- Master of Science in Nursing

The amount students may borrow is determined by federal guidelines. The federal maximum that graduate students are allowed to borrow is **\$20,500 per academic year**. Repayment normally begins six months following graduation or when you cease to be at least half-time. Payments and the length of the repayment period depend upon the size of your debt. Under special circumstances, repayment of a Federal Direct Stafford Loan that is not in default may be deferred or canceled. Repayment, deferment, and cancellation are handled by a federal loan servicer. If you are eligible for a Federal Direct Stafford Loan, you will be awarded one. 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.

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.

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>.

## Graduate Scholarship Programs

A number of scholarships for graduate students are available. Graduate students are encouraged to contact their academic college or department for scholarship opportunities administered through their units. In addition, a limited number of scholarships are administered by the College of Graduate Studies. Graduate students will find a listing of scholarships administered by the College of Graduate Studies and other graduate scholarships at <http://cogs.georgiasouthern.edu/student/scholarship>.

### Graduate Assistantships

Graduate assistantships are essential to the success of the graduate programs at Georgia Southern University. The assistantship not only enables the student to complete the program of study in a timely fashion, but also affords the opportunity to be involved in full-time study at the University. Graduate assistants enliven the academic environment of the university by adding to the community of scholars within the institution. A graduate assistant is a graduate student who is appointed to Teaching Assistantship, Research Assistantship, Graduate Assistantship or Doctoral Fellowship and receives a stipend and a tuition waiver.

Assistantships may only be awarded to graduate students who have unqualified admission to the College of Graduate Studies under the "Regular" (not Provisional) classification. Students in fully on-line programs are not eligible to hold graduate assistantships unless approved by the College Dean in which the on-line degree program is offered and by the College of Graduate Studies Dean. Graduate assistants must maintain a cumulative GSU graduate grade point average of at least 3.0 (3.25 for Ed.D. Curriculum Studies students or 3.50 for Ed.D. Educational Leadership students) and be registered as full-time students (normally nine semester hours) each semester within the program of study throughout the period of the assistantship appointment.

Graduate Assistants must be registered for a minimum of 9 credit

### Federal Direct Graduate PLUS Loan Program

The Federal Direct Graduate PLUS Loan Program is available for graduates and professional students.

To apply students must:

- Enroll as a Graduate or Professional Student in a degree-seeking program.
- Complete the FAFSA.
- Receive a determination of the maximum Direct Unsubsidized Stafford Loan.
- Enroll at least half-time (four credit hours) for the semester.
- Pass a credit check completed by the Lender.
- Meet all other Title IV Federal financial aid program requirements such as quality assurance requirements, academic progress, and eligible citizenship categories.
- The maximum loan amount for an academic year is determined by subtracting all financial aid (including Stafford loans) from the annual cost of attendance.

hours of course work for Fall or Spring semester, within the program of study throughout the period of the assistantship. The only exceptions are:

- Master of Music students must register for a minimum of 7 hours to be eligible
- Master of Public Administration students must register for a minimum 8 hours to be eligible
- Master of Science in Nursing must register for a minimum of 5 hours to be eligible

Summer Terms A or B require a minimum of 3 credit hours. Summer Long Term or Term A and B together require a minimum of 6 hours.

A normal workload for a full time graduate assistant is twenty (20) hours per week. Federal law generally limits the number of hours that international students can work on campus to twenty (20) hours per week in the fall and spring semesters. Exceptions to this limitation may be granted by the Dean of the College of Graduate Studies. The standard starting date for a graduate assistant shall be one week before the first day of classes and the standard ending date shall be the last day of final exams. Graduate Assistants do not submit time sheets and are not hourly employees. Students on assistantships may not otherwise be employed at Georgia Southern University, except as approved by the Dean of the College of Graduate Studies.

The stipend for a full time graduate assistantship is determined by the department/unit awarding the assistantship, with the minimum amount being determined by the COGS. Graduate assistants qualify for a special reduced tuition fee. However, the premium tuition approved to be charged for some programs is not waived. Graduate assistants are responsible for paying all University Fees including the Institutional Fee and the Technology Fee each semester. Assistantships are normally limited to 2 years for master's level candidates. Assistantships for doctoral candidates are not time limited. Exceptions to this time limit require prior approval of the Dean of the College of Graduate Studies.

March 1 is the deadline for the receipt of graduate assistantship applications by the College of Graduate Studies to receive priority consideration for employment during the upcoming fall



semester. A student's acceptance of a graduate assistantship for the next academic year constitutes an agreement, which the College of Graduate Studies expects the student to honor. If the student accepts the offer and subsequently desires to withdraw, the student may submit, in writing, a resignation of the appointment within two weeks after accepting the offer. However, an acceptance given or left in force after this date prevents the student from accepting another offer without first obtaining a written release from the College of Graduate Studies.

Each department/unit is required to adopt a procedure for producing a written evaluation or measurement of performance of their graduate assistants as well as an opportunity for graduate students to evaluate their assignment at least once a semester. The focus of this evaluation is to provide formal feedback to the assistants for professional development and performance improvement. Suspension or dismissal of a graduate student from the University for disciplinary reasons will terminate the assistantship. A graduate assistant will be terminated for any of the following reasons: (a) the student is put on "Probation" due to the overall graduate GPA dropping below 3.0 (3.25 for Ed.D. Curriculum Studies students and 3.5 for Ed.D. Educational Leadership students), (b) the semester course load falls below the minimum full-time load, (c) an allegation of academic or scientific misconduct, (d) failure to perform work assignments at a satisfactory level and (e) failure to clear an "I" grade by the end of the semester following the term in which the "I" was recorded.

All graduate assistants should receive prior written notice of termination, with a minimum expectation of two weeks' notice. Failure to satisfactorily perform work assignments in particular needs to be documented in writing prior to the dismissal notification. Additionally, the University reserves the right to terminate a graduate assistant if, in the sole discretion of the Dean of the College of Graduate Studies, the circumstances of a particular situation warrant such action.

The College of Graduate Studies and the department/unit to which the student is assigned have the joint responsibility to ensure that appropriate procedures are followed before termination of the assistantship. A student choosing to resign or terminate employment must submit a letter of resignation to the Dean of the College of Graduate Studies through the Department/Division Chair of the employing unit.

### 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/>.

## 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 graduate students receiving financial assistance from the following graduate programs: Teacher Education Assistance for College and Higher Education (TEACH) Grant, Federal Unsubsidized Stafford Loan, Federal Graduate PLUS Loan.

### Satisfactory Academic Policy Criteria:

- **Grade Point Average (GPA Requirements)**

Graduate students must maintain a 3.0 cumulative GPA to remain in good academic standing for financial aid and academic purposes. 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 Office of the Registrar, the student is also excluded from receiving financial aid. Students' GPA requirements are evaluated at the end of each term.

- **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. Graduate 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**

Graduate students 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 36 credit hours, the maximum time frame would be 54 credit hours (36 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.

## 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.

## 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 highest grade earned when the last grade is received for a course is the only grade that counts toward satisfactory academic progress.

## Passing Grade Requirements

Graduate 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).

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 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 students' 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.

### 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 10<sup>th</sup> 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/studentfeespage.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](http://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/>.

Graduate Assistants who are assigned course teaching responsibility may be approved for the Graduate Assistant Parking Pass. The Graduate Assistant Parking Pass must be approved by the Graduate Dean.

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.

## 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](http://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](http://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,<br>7-day unlimited access to the Dining Commons (Landrum and Lakeside)<br>\$150 Dining Dollars<br>Five (5) Guest Passes  | \$1650.00/semester* |
| (2) | Eagle Unlimited Gold,<br>7-day unlimited access to the Dining Commons (Landrum and Lakeside)<br>\$300 Dining Dollars<br>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](http://my.georgiasouthern.edu) account. Dining Dollars are accepted at all dining locations on campus.

Eaglexpress Packages

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

\*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](http://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.

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# 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.

(912) 478-5406  
FAX: (912) 478-1148  
housing@georgiasouthern.edu  
<http://www.gsuhousing.com>

## Graduate Student On-Campus Housing

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

## 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>.

Questions pertaining to student housing should be directed to:

Department of University Housing  
Post Office Box 8102  
Georgia Southern University  
Statesboro, GA 30460-8102



# 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>.

## Academic Dishonesty

The university goal is to foster an intellectual atmosphere that produces educated, literate people. Because cheating and plagiarism are at odds with that goal, they shall not be tolerated in any form. Students are expected to adhere to the rules and regulations as set forth in the Student Code of Conduct. Therefore, all work submitted by a student must represent that student's own ideas and effort; when the work does not, the student has engaged in academic dishonesty.

Plagiarism occurs when a person passes in another person's work as his or her own or borrows directly from another person's work without proper documentation. For example, academic dishonesty occurs whenever a student:

### Cheating

- submitting material that is not yours as part of your course performance;
- using information or devices that are not allowed by the faculty;
- obtaining and/or using unauthorized materials;
- fabricating information, research, and/or results;
- violating procedures prescribed to protect the integrity of an assignment, test, or other evaluation;
- collaborating with others on assignments without the faculty's consent;
- cooperating with and/or helping another student to cheat;
- demonstrating any other forms of dishonest behavior.

### A. Plagiarism

- directly quoting the words of others without using quotation marks or indented format to identify them;
- using sources of information (published or unpublished) without identifying them;
- paraphrasing materials or ideas without identifying the source;
- unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic material.

NOTICE: The list above is intended only to provide general guidelines for recognizing and avoiding common types of academic dishonesty. It is in no way an exhaustive or comprehensive list of all the types of academic dishonesty.

Except in cases of major offenses, responding to academic dishonesty is the responsibility of the instructor of the course in which the dishonesty occurs. If a student is responsible for academic dishonesty, the student may be dismissed from the class, and may receive a failing grade. Other penalties may include suspension or expulsion from school.

For more information about academic honesty, see <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>.

### 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](mailto: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](http://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](mailto: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](http://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 [mhc@georgiasouthern.edu](mailto:mhc@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 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>.

### 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>.

# Graduate Academic Information

## Graduate Student Organization

The Graduate Student Organization (GSO) is committed to representing and supporting the interests of all current and prospective graduate students at Georgia Southern University. The GSO seeks to support scholarly activities and professional development as well as promote social opportunities for all graduate students.

The GSO council consists of representatives from each of the colleges on campus. The members are elected by application and nomination process. The council is the main governing body of the GSO and their duties include, but are not limited to, making final decisions regarding grant applications, running GSO meetings, and helping to organize social and professional development events sponsored by the GSO for graduate students. The GSO accepts grant proposals for the Graduate Student Professional Development Fund once per semester.

## 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](http://gsustore.com).

The general academic regulations of the university that apply to graduate degree and certificate programs are developed by the Graduate Committee and administered by the College of Graduate Studies (COGS). Under this general regulatory structure, each program is locally administered by an academic unit within one of the eight colleges of the university. Although an academic unit may develop local regulations for a specific program under its control, the local regulations must be consistent with the general regulations and are therefore, subject to review and approval by the Graduate Committee. It is the responsibility of the Graduate Faculty and each graduate student to become

thoroughly familiar with all regulations that govern the graduate program in which they participate.

## General and Academic Information

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

### Registration Policies

After you have been admitted as a graduate student, you will be assigned an advisor who can assist you in selecting appropriate courses. Prior to course registration, all students should and are encouraged to communicate with their advisor.

Registration is held at the beginning of each semester, including summer. The early registration period for each semester is posted on the university academic calendar. Students are encouraged to register early.

All registration may be completed on-line through the MyGeorgiaSouthern portal on the Georgia Southern University home page at <http://my.georgiasouthern.edu>. To register on-line you must have current admission eligibility and must have a Registration Access Number (RAN) for each semester. Graduate students may access their RAN through their MyGeorgiaSouthern homepage.

Certain programs may not permit on-line registration or may require that the student contact his/her advisor prior to on-line registration.

### Registration and RANs

Graduate students are allowed to register on Georgia Southern University's web system, WINGS (Web Interactive Network for Georgia Southern), each semester. In WINGS, the student will click on "Student", then "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. Graduate students will get their RAN from their MyGeorgiaSouthern account. Graduate transient students will also get their RAN from their MyGeorgiaSouthern account.

### Registration for Continuing, New and Readmitted Students

Early registration begins on the date stated in the academic calendar at the front of this catalog or the academic calendar at the College of Graduate Studies Website or the Georgia Southern University Office of the Registrar's Website.

To receive credit for a course a student must be officially registered. Official registration includes registering and paying the appropriate tuition and fees.

### Simultaneous Enrollment in More Than One Graduate Program

A graduate student at Georgia Southern University may be enrolled in more than one Master's or more than one Education Specialist program at a the same time providing they have met all admission requirements for each program and have been recommended for admission in each program. All requirements for each program must be met. A student is permitted to count up to 9 credits from one previously earned master's degree or education specialist degree, toward the requirements of the second Master's or Education Specialist providing the courses are approved and recommended by the student's advisor for the second program.

### Earning a Duplicate Degree

A student with a master's, education specialist or doctorate earned from GSU or another institution may earn the same degree in the same field or in a different field at Georgia Southern University. The rules governing transfer credit for the first degree will apply.

### Guidance for Graduate Students

A graduate student will come under the guidance of an advisor who is assigned by program at the time of admission. A thesis, supervisory, or dissertation committee will be established by the student in consultation with the advisor in those programs in which a thesis or dissertation is required. Proper guidance of graduate students is of primary importance and a major responsibility of the graduate advisors, graduate program directors, coordinators and the graduate faculty.

### Thesis, Dissertation (Supervisory) Committees

A supervisory or dissertation committee is composed of members of the graduate faculty who are approved by the College of Graduate Studies to serve on the committee and charged with the guidance of a student admitted to a specific graduate degree program. The committees consist of a Chair (or Co-Chairs) and must have a total of at least three members. The committee Chair must hold Graduate Faculty Member status. The Committee Chair (or Co-Chairs) must be endorsed by the academic department in which the degree is housed. The majority of the committee membership must hold appointments in the academic unit responsible for the program.

Appointment of a Thesis or Dissertation Committee is initiated by the academic unit by submitting the Application for Approval of Thesis Topic and Committee Membership Form for thesis students or the Dissertation Committee Membership Approval Form for doctoral students. The form must include a recommended committee membership based on a reasonable match between student and faculty academic interests. Once the graduate dean is satisfied with the recommended committee, he or she formally approves the committee and provides appropriate notifications. A change in committee membership can be made after initial appointment but only according to the policies and procedures developed by the academic unit and only with the approval of the College of Graduate Studies. The committee membership recommendation form must be submitted to the

College of Graduate Studies within two (2) weeks of the academic unit committee recommendation.

### Advisor

When the student is notified of admission to the College of Graduate Studies, a graduate faculty member in the student's major field will be assigned as the advisor. A graduate student may request a change in advisor by contacting the Graduate Program Director of the program in writing. If the request is granted, the student will be notified in writing (email).

Graduate student advisors will assist in:

- Helping the student plan a program of study in keeping with the student's field and goals.
- Approving course selection
- Reviewing and endorsing the Program of Study

Students who are initially uncertain about their graduate program of study and Transient Students taking graduate classes at Georgia Southern University for degree credit at another college or university may be advised by the College of Graduate Studies. International graduate students will be advised by a faculty advisor in their academic program. Graduate students with physical or developmental disabilities are encouraged to avail themselves of the services of the Student Disability Resource Center (SDRC).

### Course Load

The standard maximum credit hour course load per semester is:

<u>Semester</u>	<u>Credit Hours</u>
Fall / Spring	12
Summer	
Term A	6
Term B	6
Long Term	9

### Full-Time/Half-Time Enrollment

Full-Time enrollment Fall/Spring Semester is nine (9) credit hours for all programs *except*:

<u>Program</u>	<u>Credit Hours</u>
Master of Public Administration	8
Master of Music	7
Master of Science in Applied Economics	6
Master of Science in Computer Science	6
Master of Science in Nursing	5
Doctor of Nursing Practice	5

Full-Time enrollment for Summer Semester is six (6) credit hours for all programs *except*:

<u>Program</u>	<u>Credit Hours</u>
Master of Science in Nursing	5
Doctor of Nursing Practice	5

Half-Time enrollment Fall/Spring Semester is four (4) credit hours for all programs *except*:

<u>Program</u>	<u>Credit Hours</u>
Master of Music	3
Master of Science in Applied Economics	3
Master of Science in Computer Science	3
Master of Science in Nursing	3
Doctor of Nursing Practice	3



Half-Time enrollment Summer Semester is three (3) credit hours for all programs.

### Academic Performance

Every graduate student must meet all of the academic performance requirements as set forth by the program and the College of Graduate Studies to be in good standing.

### Graduate Required Academic Standing

Graduate students must maintain an institutional cumulative graduate GPA of 3.0 (some programs have a higher requirement) in the graduate program on all graduate work and in the Program of Study to graduate. Graduate students are ineligible to graduate with grades of "I" or "IP" on their graduate academic record.

### Repeating a Course

Graduate courses in which a grade of "D" or "F" was earned will not count toward degree requirements and must be repeated if required in the degree program. A graduate student may not repeat any course for credit for which he/she has already received a minimum grade of "C" unless specifically permitted by the degree program policy. All Georgia Southern University graduate grades and credit hours attempted count toward the institutional cumulative GPA. This includes repeated courses.

### Dual-Listed Courses

A graduate student enrolled in a 5000 level course with a "G" suffix must complete all work required of students earning undergraduate credit plus substantial work at the graduate level to earn graduate credit for the course. Graduate students must enroll in the course section with the "G" suffix. Graduate students enrolling in the course section without the "G" suffix will have enrolled in the undergraduate section and will not receive graduate credit for the course.

### Choice of Graduate Catalog Requirements

A student enrolled in a graduate degree or certificate program may choose to meet the requirements for that program as defined in any annual edition of the graduate catalog in effect for the semester the student was admitted to and enrolled in the program. The program requirements so specified will be used to evaluate the Program of Study and in the final degree or certificate program audit.

**Academic Requirements Adjustment** - Should program academic requirements change after a student is admitted to and enrolls in the program, the student may opt to change to the new program requirements. However, the student may not mix old and new requirements.

### Theses and Dissertations

A student completing a program in which a thesis or dissertation is required must undergo a process involving three primary steps on the way to satisfying the thesis or dissertation requirement. These steps must come in proper order, and each subsequent step cannot be undertaken until the student has successfully completed the prior step:

1. The thesis or dissertation is defended by the student before the appropriate program committee.
2. The student makes any modification that may be required by the committee and submits the revised thesis or dissertation

to the chair (or Co-chairs) or the committee (or designee) for a final reading approval if required.

3. The student submits the thesis or dissertation to the College of Graduate Studies for format check in the required electronic Thesis and Dissertation (ETD) (URL) style via the ETD web site by the format submission deadline - <http://em.georgiasouthern.edu/registrar/resources/calendars/>

Theses and dissertation students must submit the dissertation in electronic format. The Electronic Thesis and Dissertation policies and procedures are discussed in detail on the College of Graduate Studies Website at <http://academics.georgiasouthern.edu/etd/>.

Following a successful dissertation defense, the candidate must make any corrections or changes to the dissertation that are required by the defense committee. The student must submit the dissertation as an electronic file (ETD) required by the College of Graduate Studies for format review by the format review deadline - <http://em.georgiasouthern.edu/registrar/resources/calendars/>. After the document format has been completed the electronic document is returned to the student. If format corrections are to be made, the student must make the changes and submit the final corrected electronic version to the College of Graduate Studies by the final submission deadline (<http://em.georgiasouthern.edu/registrar/resources/calendars/>) as posted for the semester. The student should check with his/her dissertation chair and committee members to determine if the dissertation committee chooses to re-review the document before final electronic submission to the College of Graduate Studies.

### Graduate Grade Point Average

The total institutional graduate grade point average (cumulative GPA) is the grade average made by the student on all graduate work for which he/she has enrolled by level. It is obtained by dividing the total number of grade points earned by the total number of semester hours attempted (GPA hours). Courses carrying an "S" or "U" are not included. The cumulative graduate GPA is reset when a student is admitted to an Education Specialist degree or a doctoral program.

Credits taken as a non-degree student to raise the GPA to meet admission standards may not be used to satisfy graduation requirements of the program. Students whose institutional GPA falls below the minimum will be placed on academic probation and/or exclusion.

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 [www.georgiasouthern.edu/webservices/gpa/](http://www.georgiasouthern.edu/webservices/gpa/) and click on "Calculate Your Projected GPA".

### 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. A minimum of two laboratory or activity periods are the equivalent of one recitation class period.

**Transfer Credit**

A graduate student may transfer graduate credit from a regionally accredited institution. Additionally, graduate credit from the American Council of Education (ACE) for National Board Certification may be accepted for elective credit in a Master’s or Education Specialist’s program of study. A maximum of **six (6)\*** transferred **semester** hours may apply toward a Master’s or Education Specialist’s degree provided:

- The institution offers the graduate degree program for which the student has been admitted at Georgia Southern University. (Not required for transfer of ACE transcript credit.)
- An official transcript is sent directly to the College of Graduate Studies from the institution at which the graduate work was taken.
- The credit was earned no more than 7 years prior to the date of completion of the Georgia Southern University graduate degree.
- The student’s advisor or major professor has to approve the transfer credit as a part of the student’s approved program of study.
- A student pursuing a graduate degree at Georgia Southern University who plans to take graduate courses at another institution as a transient student must complete a Graduate Student Transient Permission Form, which must be approved by the advisor or major professor and the College of Graduate Studies prior to enrolling in the transient courses. This procedure insures that courses taken as a transient student at another institution will constitute a part of the planned program of study. Students who take courses without prior approval are doing so with the possibility that the course may not count in the degree program.
- A degree candidate may not graduate at the end of a semester in which he/she is enrolled as a transient student at another institution.
- No grade lower than a "B" in a course earned at another institution may be accepted in transfer credit to count toward a graduate degree at Georgia Southern University.

**\* Each College of Education program involved in a University System of Georgia (USG) franchise program will allow for additional graduate course credits to be received from other USG institutions involved in the respective franchise. The maximum number of transfer credits allowed will be identified by the specific program, ranging from 9 to 27 semester hours, and will be published in program materials.**

**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.

**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	Used to Calculate GPA
A	Excellent	4.0	Yes

B	Good	3.0	Yes
C	Satisfactory	2.0	Yes
D	Passing	1.0	Yes
F	Failure	0.0	Yes
*WF	Withdrew Failing	0.0	Yes

\*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	Used to Calculate GPA
I	Incomplete	0.0 (Until changed to a letter grade)	No
IP	In Progress	0.0 (Until changed to a letter grade)	No
NR	Not Reported	0.0	No
S	Satisfactory	0.0	No
U	Unsatisfactory	0.0	No
V	Audit	0.0	No
W	Withdrew	0.0	No
WM	Withdrew Military	0.0	No

**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.
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.
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. Grade of "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. A grade of "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. A "W" is not considered in computing the GPA. If a student withdraws from all classes after the last day to drop 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 Office of the Registrar. All WF grades posted will be calculated in the student's GPA as an "F".

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
%	Institutional Credit - No Earned Hours - not used in calculating GPA
CR	Credit earned through military experience - not used in calculating GPA
K	Credit earned in high school - 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

**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.

### 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. 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. Fees will not be reduced if a student withdraws from a course 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. 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 of "W", the Office of the Registrar 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, but will be directed to the Voluntary Cancellation/Withdrawal Form.

### Medical Withdrawals

Graduate 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 must contact the Counseling Center. Medical withdrawals are not permitted after the semester is completed (last day of classes).

### Non-Medical Leave of Absence

A graduate student may request a non-medical Leave of Absence from the degree program. To request a Leave of Absence, one must complete the General Policy Appeal Form found at the COGS web site; select Leave of Absence from the Appealing for selection menu and submit supporting documents as needed. A Leave of Absence may be granted for up to one year. Registration is not required during the approved Leave of Absence period and the time to Degree completion is suspended during the approved Leave of Absence period.

### **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 semester. 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 this office with a copy of his/her orders stating the date and place of deployment assigned by the military.

### **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. 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.

### **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.

### **Student Records**

The Office of Graduate Admissions maintains a permanent file for each student who has applied for admission to the College of Graduate Studies. The file will contain the application for admission, official transcripts, test scores and any correspondence related to that application. Georgia Southern University maintains copies of all files electronically. Original documents are scanned electronically and stored. Once any application document is scanned and indexed to the electronic file, the paper document is destroyed per the procedures approved by the university system.

The Registrar's Office maintains a file of your permanent transcript record and materials that document your transcript record. Your faculty advisor may maintain a file of advising records and correspondence.

In general, you have the right to review the documents that constitute your official record, and you have the right to request the copies of those documents. If you request copies, Georgia Southern University will provide them in a timely and efficient manner.

### **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.

### **Transcript Records**

The Registrar's Office makes every effort to ensure that transcript records are up-to-date and accurate. You have the right to appeal any information on your transcript that inaccurately reflects your academic history. However, information on a transcript is changed only in extraordinary or extreme circumstances.

If there is an error or omission on your transcript, send a detailed description of the error or omission, along with copies of the relevant documents, to the Office of the Registrar, PO Box 8092, Georgia Southern University, Statesboro, Georgia 30460, U.S.A.

### **Right of Appeal**

You have the right to appeal any academic policy or requirement if either of the following conditions is present:

- Extenuating circumstances make it impossible for you to comply with the policy or requirement.
- An undue hardship would result from a strict application of interpretation of the policy or requirement.

Please note, however, that extenuating circumstances must be beyond your control and that undue hardship must be a condition far more serious than simple inconvenience. Documentation will

be required and the timeliness of the appeal will be taken into consideration.

If you appeal an academic policy or requirement, that appeal may be reviewed by the academic unit, College of Graduate Studies Associate Dean, Graduate Committee Academic Appeals sub-committee (if appropriate) and the College of Graduate Studies Dean.

# University Programs

## Center for International Studies

Assistant Vice President for Academic Affairs and Director of the Center for International Studies: Dr. Jacek Lubecki  
Forest Drive Bldg. #1313  
P.O. Box 8106  
(912) 478-5668  
E-mail: jlubecki@georgiasouthern.edu

Associate Director: Dr. Jeffrey Palis  
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Associate Professor: Dr. Barry Balleck  
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(912) 478-1398  
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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

## Additional Programs and Services

### 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](mailto: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](mailto:tgrubbs@georgiasouthern.edu)

### **Center for Teaching, Learning, and Scholarship**

The Center for Teaching, Learning, and Scholarship which is located in the Henderson Library, offers a special Graduate Teaching Enhancement Program that is designed to help Georgia Southern graduate Teaching Assistants (TAs) develop and refine their teaching skills. All graduate TAs involved in face-to-face instruction are required to attend the Orientation to Teaching portion of the program, consisting of three 2-hour seminars conducted during the first three weeks of each semester. In addition to this basic orientation, two different university teaching certification programs are offered to interested participants. All programs are coordinated by the Center for Teaching, Learning and Scholarship (CTLS) with administrative support from the College of Graduate Studies. Details regarding this program may be found at <http://cogs.georgiasouthern.edu/teachingenhancement.pdf>.

## **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 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](mailto: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>.

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# College of Graduate Studies

## Certificate Programs

A graduate certificate program is limited in scope relative to a graduate degree program but provides an opportunity for advanced study with a particular focus. Successful completion of a graduate certificate program is a structured academic accomplishment that leads to an official notation on the student transcript. A certificate program may be a stand alone accomplishment or may be embedded within a graduate degree program.

### Certificate Program Admission Requirements

Certificate program admission requirements are set by the respective Certificate program academic unit. Applicants are required to submit all required application documents by the submission deadline. Graduate students who wish to complete an embedded certificate program are not required to submit an additional certificate program application.

### Certificate Credit Requirements

Certificate program credit requirements depend upon the specific program. To receive credit for certificate program course, a grade of "C" or better is required. A minimum cumulative grade point average of 3.0 is required in the certificate program.

### Simultaneous Enrollment in a Graduate Certificate and Degree Program

Students admitted to a degree program in which the certificate program is embedded are permitted to complete the certificate program. If the certificate program requirements are met prior to the completion of the degree program, the student is eligible to be awarded the Certificate upon the successful completion of the certificate requirements.

## Endorsement Programs

A graduate endorsement program is limited in scope relative to a graduate degree program but provides an opportunity for advanced study with a particular focus. Successful completion of a graduate endorsement program is a structured academic accomplishment that leads to an official notation on the student transcript. An endorsement program may be a stand alone accomplishment or may be embedded within a graduate degree program. Upon endorsement program completion, the endorsement may be added to a professional certificate in teaching, service, and leadership fields through the Georgia Professional Standards Commission.

### Endorsement Program Admission Requirements

Endorsement program admission requirements are set by the respective Endorsement program academic unit. Applicants are required to submit all required application documents by the submission deadline. Graduate students who wish to complete an embedded endorsement program are required to complete a College of Education endorsement application through the Graduate Admissions Office to earn the endorsement.

### Endorsement Credit Requirements

Endorsement program credit requirements depend upon the specific program. To receive credit for an endorsement program course, a grade of "C" or better is required. A minimum cumulative grade point average of 3.0 is required in the endorsement program.

### Simultaneous Enrollment in a Graduate Endorsement and Degree Program

Students admitted to a degree program in which the endorsement program is embedded are permitted to complete the endorsement program.

## Master's Degree Program Requirements

Programs leading to a master's degree are very diverse and generally fall into three categories depending on overall emphasis and the nature of the study program. The three categories are:

**Thesis option:** As part of a degree program the student will complete a thesis for a minimum number of credits as determined by the program.

**Non-Thesis Option:** The student's degree program will consist of courses and evidence of advanced work, such as term papers, objects of art, music or designs, as determined by the graduate faculty of the department or school.

**Internship option:** Students in certain designated degree programs must complete a supervised internship.

Not all master's degree programs offer all these options, and a student may not select a plan that has not been approved by the graduate faculty of the program in which he or she is enrolled.

Degree seeking students must demonstrate competency in their study area as determined by the academic program. Competency is demonstrated in one or more of the following ways: (a) pass a final comprehensive and/or oral examination, (b) present a satisfactory portfolio, (c) thesis defense, (d) studio exhibition or recital.

### Degree Requirements

To be eligible to be awarded the degree, the student must successfully complete all degree requirements including the minimum number of credit hours required for the degree, successfully pass the comprehensive or terminal examination (if required), successfully defend the thesis (if required), have an approved program study on file in the College of Graduate Studies and must have applied for graduation by the graduation application deadline and have satisfied all non-academic requirements to be cleared for graduation by the Office of the Registrar.

To be awarded a master's degree, the student (a) must not be on academic probation, (b) must have a cumulative graduate grade point average (GPA) of 3.0 or higher, (c) must have an approved program of study on file in the College of Graduate Studies, (d) must meet all the requirements of the College of Graduate Studies and the student's academic program area, (e) have no grades of "I" or "IP" on the graduate transcript, and (f) if enrolled in a program that requires a thesis, satisfy the Thesis/Dissertation Enrollment Requirements stated below.

### Foreign Language Requirement

The College of Graduate Studies has no requirement for a language other than English for the master's degree. Individual academic units may establish, with approval of the Graduate Committee, language requirements for their degree programs and may define the level of competence needed to satisfy those requirements. A grade of "C" or better in the fourth level course of an approved foreign language or passing a foreign language examination administered by the Georgia Southern University Foreign Language Department will satisfy the foreign language requirement unless otherwise stated by the individual program

policy. The foreign language must be approved by the student's advisor. Neither English nor the student's native language (if other than English) may be counted to meet the Foreign Language requirement.

### Master's Thesis Committee

Within the first year of study, the student in a degree program that requires a thesis should assemble a thesis committee including a Committee Chair (major professor) and at least two other Graduate Faculty. The Committee Chair must hold Member Graduate Faculty status in the Department in which the student is completing the degree. The Thesis Committee may consist of a Co-Chair who may hold Member or Affiliate Graduate Faculty status; however, the co-chair in the department in which the student is pursuing the degree must hold Member graduate faculty status. If there are more than three committee members, there must be greater than 50% GSU graduate faculty representation. The student must submit the Application for Thesis Title and Committee Member Approval Form (<http://cogs.georgiasouthern.edu/student/forms>) for the committee approval by the College of Graduate Studies Dean. This committee will supervise the student's program and thesis progress, and conduct the final examination.

Non GSU faculty or other qualified professionals may be approved to serve on the Thesis Committee. To be approved, the department must submit a copy of the CV for the person being recommended as an off-campus member.

A student may request a change in the committee membership by completion of the Thesis Committee Member Change Form (<http://cogs.georgiasouthern.edu/student/forms>) that must be approved by the student's home department.

Should some departments have Thesis Committee membership requirements that are more stringent than stated above, the department policy will be adhered to.

### Thesis Continuous Enrollment Requirements

The College of Graduate Studies Continuous Enrollment policy states that – All thesis students who have registered at least once for courses titled thesis or dissertation must be continuously enrolled every semester thereafter, including the semester of graduation. Summer registration is not required unless summer is the graduation semester. Check with your major advisor to see if your college has a different, or additional, continuous enrollment requirement(s) that apply.

- A grade of "IP" will be recorded for all thesis or dissertation credit work in progress and will automatically be recorded each semester the student is enrolled.
- The grade of "S" or "U" must be recorded for all theses or dissertation credit when completed.
- The advisor and/or major professor will report a final thesis or dissertation grade of "S" or "U". Any reported grade other than "S" or "U" will be changed to an "S" or "U" grade according to the following: REPORTED GRADE OF "A", "B", "C" = "S", "D", "F" = "U"
- Upon completion of the thesis, or dissertation requirements, final grades for preceding semesters will be changed to the appropriate grade.

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.

Thesis or dissertation students must submit the thesis or dissertation in electronic format. The Electronic Thesis and Dissertation policies and procedures are discussed in detail on the College of Graduate Studies Website <http://cogs.georgiasouthern.edu>.

A student who has been approved for a medical or a non-medical leave of absence is not required to be registered while under the approved leave period.

### Thesis

Candidates who undertake a thesis should schedule their work to allow sufficient time for review by the major professor and the committee and for making any necessary revisions before proceeding to the final examination. With unanimous approval of the committee, a student majoring in Modern Languages may write a thesis in a language other than English, provided that the language is clearly appropriate to the subject matter. If the thesis requires the use of human subjects, animals, or biohazardous materials, the student is required to comply with University policies and procedures. The compliance policies and procedures can be found at <http://academics.georgiasouthern.edu/research/>.

The candidate must provide a copy of the thesis (electronic or hard copy format) to each member of the committee and all members of the committee must certify that they have received acceptable copies of the thesis before a final defense can be scheduled. A copy of the thesis must also be available at the defense. Following a successful final defense, the candidate must submit an electronic copy of the thesis to the College of Graduate Studies for format check by the semester stated deadline. Late submissions will not be accepted. When the format check has been completed, the electronic document is returned to the student. Once the student has made all format corrections and changes, the student should ask his/her major professor and committee if they wish to review the electronic document before the final corrected copy is submitted to the College of Graduate Studies. The student must make all corrections and the electronic document must be in final and acceptable form, incorporating any revisions required by the committee. Information regarding the ETD can be found on the COGS web page at <http://academics.georgiasouthern.edu/etd/>. The final corrected copy must be submitted and received by the final submission deadline stated in the university academic calendar.

### University System of Georgia (USG) Franchise Programs

Certain Master of Education degree programs are offered on-line through the University System of Georgia's Georgia ONmyLINE (<http://www.georgiaonline.org/>).

#### Transfer Credits

Each College of Education program involved in a USG franchise program may allow for additional graduate course credits to be transferred from other USG institutions involved in the respective

franchise. The maximum number of transfer credits allowed will be identified by the specific program and will be published in program materials. The M.Ed. in Instructional Technology franchise program will allow up to 9 hours of transfer credit with the advisor's approval. The M.Ed. in Curriculum and Instruction - Accomplished Teaching will allow up to 27 hours of transfer credit including 18 hours of that program's required franchise courses with advisor's approval.

### Franchise Programs Admission Requirements

#### Quick Admit

For *quick admission* to a USG Franchise Program, applicants must:

1. Complete and submit the "Georgia OnMyLine" admission application and pay the specified application fee. <http://www.georgiaonline.org/>
2. Have completed bachelor's degree requirements from a regionally accredited institution.
3. Possess a clear, renewable Georgia certification in teaching, service, or leadership field.
4. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.

Quick Admit candidates will be evaluated at the end of the first 9 hours of study in terms of GPA and key assessments.

#### Regular

For Regular admission to a USG Franchise Program applicants must:

1. Complete and submit the "Georgia OnMyLine" admission application and pay the specified application fee. <http://www.georgiaonline.org/>
2. Have completed bachelor's degree requirements from a regionally accredited institution.
3. Present official score reports for the Miller Analogies Test (MAT) or the General Graduate Record Examination (GRE).
4. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.

### Collaborative Franchise Programs

Applicants for a USG Franchise Collaborative Program, such as the M.Ed. in Curriculum and Instruction - Accomplished Teaching, must apply for and be admitted to the cooperating university from which they choose to earn the degree.

### 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>

### Program of Study (POS)

Every degree seeking student who began the degree program prior to Fall 2010 must file with the College of Graduate Studies a Program of Study, a formal list of the courses the student intends to take to fulfill the requirements of the degree. The

program of study should consist solely of courses directly related to the degree. Undergraduate courses may not be included on the Program of Study. Students in a degree program in which the requirements are the same as those under the 2010 - 2011 catalog may use DegreeWorks to document the degree completion if they so choose.

The Program of Study must be submitted by the student and signed by the Advisor, and Graduate Program Director or Department Chair before being submitted to the College of Graduate Studies for final approval. The POS must be submitted to the College of Graduate Studies not later than the end of the semester proceeding the expected graduation semester. Subsequent changes in the program will be submitted on an Amended Program of Study form or by filing a revised Program of Study that is signed by all persons as stated above. A revised Program of Study must be approved by the College of Graduate Studies before graduation.

### **Degree Time Limit-Master's**

The time limit to complete a master's degree is seven years. Courses counting toward the degree may not have been taken more than seven (7) years prior to the degree completion date.

### **Graduate Final Comprehensive Examination**

A final oral examination or a comprehensive written examination or both may be required for a degree. The examination will be administered after the student has completed the program of study and other requirements or in the semester in which the candidate intends to complete them. Examinations may take the form of a defense of the thesis, an interpretation of other scholarly work, a portfolio of the student's work or a test of the student's understanding of the field. The academic unit determines the format of the examination and, along with the supervisory committee for programs requiring a thesis, is responsible for its administration. The Department Chair, Graduate Program Director or major professor is responsible for reporting the results of the examination and/or thesis defense to the College of Graduate Studies on the Report on Comprehensive Examination/Thesis Defense Form. Normally, final oral examinations will be given on the Statesboro campus. Exceptions can be made if requested by the student, recommended by the supervisory committee, and approved by the Department Chair or Graduate Program Director and the Dean of the College of Graduate Studies. In the case of an examination in which the participants are not all in the same location, any technology used to conduct the examination must support simultaneous oral interaction between the student and all members of the examining committee. Copies of the questions for all final written examinations must be filed with the academic unit. In the case of a candidate writing a thesis, the examination cannot be scheduled until the thesis committee certifies that a satisfactory copy of the thesis has been presented. Final examinations must be scheduled by the academic calendar deadlines for examinations and/or theses defenses and final submissions for the semester during which graduation is expected.

### **Grade Requirements-Master's Level**

#### **Graded Work**

For graduate credit, the grade in a course must be a minimum grade of "C." To be awarded a graduate degree, the student: (a) must not be on probation, (b) must have a cumulative GPA of 3.0

or higher on all graduate course work attempted and on course work on the program of study, (c) must meet all the requirements of the College of Graduate Studies, the student's academic program area, and the student's supervisory committee, and (d) must be enrolled during the semester in which the degree requirements are completed if completing a thesis.

A student may not repeat any course for credit for which he/she has already received a minimum grade of "C" unless specifically permitted by the degree program department policy.

### **Satisfactory/Unsatisfactory Graded Work**

Certain courses including thesis and internship credit may be graded on a satisfactory/unsatisfactory (S/U) basis. A grade of "S" indicates that credit has been given for completion of the credit and the credit may count toward degree requirements. A grade of "U" indicates unsatisfactory progress in the course and credit may not be counted toward degree requirements. Satisfactory/Unsatisfactory graded work is not computed in the grade point average.

### **In-Progress (IP) Grade**

"IP" 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 these symbols is approved for dissertation and thesis hours and project courses. With the exception of Learning Support courses and Regents' Test review courses, these symbols cannot be used for other courses. These symbols cannot be substituted for an "I".

### **Incomplete Policy**

An incomplete grade "I" may be given to a student providing the student was doing satisfactory work in a course but was unable to meet the full requirements of the course due to non-academic reasons beyond his/her control. An "I" must be removed within one calendar year following the semester in which the "I" grade was recorded. The course professor may set a course completion time of less than the one calendar year. It is the student's responsibility to insure that the course work is completed. If the "I" is not removed by the established deadline, it will be changed to an "F". A student may not graduate with any "I" grades on their transcript.

### **Courses Applied Toward Two Master's Degrees**

No graduate student may use credit from the same course in meeting the requirements for both an undergraduate and a graduate degree. A student pursuing a second Master's degree may count up to nine (9) credit hours from the first earned Master's degree toward requirement for the second degree providing the courses are recommended by the student's advisor and the first Master's degree has been completed before the second degree.

A person may earn a Master's degree at Georgia Southern University after receiving the same degree, in the same or another field, at another institution. The degree sought at Georgia Southern University is subject to the same provisions for transfer of credit as a first degree. If a Master's degree is sought at this University after earning a doctorate here, a maximum of nine (9) credit hours from the doctoral work may be applied toward the Master's degree with approval of the Master's program advisor.

### Graduate Off-Campus Research

The student must submit to the thesis committee a well-formulated research plan, including objectives and methodology, and the committee must review and approve the plan before the student departs for the research site and indicate approval on the program of study. In addition, the thesis committee may require:

1. That the major professor and/or a competent local authority who can reliably guide the student provide continuing on-site supervision.
2. That the student provides the thesis committee with frequent, periodic estimates of performance and progress. The committee may also require that a competent local authority authenticate these.
3. That the major professor carries out local inspections of the student's activities.

Regardless of the location at which the research is conducted, the final written and/or oral examination will normally be given on the Statesboro campus. In the case of an examination in which the participants are not all in the same location, any technology used to conduct the examination must support simultaneous oral interaction between the student and all members of the examining committee. When unusual circumstances arise in the guidance of off-campus students, supervisory committees should consult with the Dean of the College of Graduate Studies.

### Inactive Status

A student who does not enroll for one semester is considered inactive and must have their enrollment eligibility updated through the Graduate Admissions Office to be eligible to re-enroll in the same program in subsequent semesters. A student who does not matriculate for three or more consecutive semesters must re-apply to (and be accepted into) a graduate program before being considered for re-entry by the College of Graduate Studies. In order to be allowed to resume graduate studies, the student must meet all requirements for entry in force at the time of the new application. Inactive students who seek to regain active status will not, however, be required to recreate materials submitted with their original applications and held in their files by the College of Graduate Studies. If allowed to regain active status, the formerly inactive student will be subject to all requirements in force in his or her graduate program and in the College of Graduate Studies at the time the student returns to active status.

### Probation

A graduate student whose cumulative graduate grade point average falls below 3.0 upon the completion of nine (9) credit hours will be placed on academic probation. If the cumulative GPA remains below 3.0 after the completion of a maximum of nine (9) additional credit hours, the student will be excluded from the program and is ineligible to continue graduate work. Only credit earned in graduate courses at Georgia Southern University may be used to repair a GPA deficiency. In certain departments, a student will be excluded from the degree program upon earning more than two (2) grades of "C" or below.

### Removal from Probation

A student placed on academic probation will be reinstated to good standing providing they have raised their cumulative graduate point average to at least 3.0 upon completing a maximum of nine (9) semester hours following the effective probation semester. Except in certain departments, courses may not be repeated if a grade of "C" was previously earned.

### Exclusion

A graduate student will be denied continued enrollment at Georgia Southern University for any of the following reasons:

1. Failure to meet the conditions of academic probation.
2. Failure to meet the conditions of Provisional Admission.
3. Failure to meet specified academic requirements as set by the department offering the program.
4. Failure to comply with the Academic Dishonesty section of the Student Conduct Code.
5. Non-degree admission to the same major from which the student was excluded is not permitted.

### Reinstatement

Students excluded from a degree program due to academic reasons may appeal for reinstatement following exclusion. To appeal for reinstatement, the student must complete and submit the online web based appeal for at <http://cogs.georgiasouthern.edu/student/academicappeal>. You may attaché documents to the appeal form. Appellants may track the status of their appeal through the online web site. A recommendation will be electronically forwarded to the College of Graduate Studies for review by the Associate Dean of the College of Graduate Studies. If the Dean of the College of Graduate Studies approves the appeal, the appellant will be allowed to proceed toward the degree under conditions specified by the appropriate department and/or college. If the appeal is not approved by the Associate Graduate Dean, the student may appeal directly to the Graduate Dean.

### Medical Leave of Absence

A student may apply for a Medical Leave of Absence as outlined under "Medical Leave". A student approved for medical or non-medical leave is not required to be registered during the approved medical leave period. The approved medical leave time period does not count in the degree time limit.

### Non-Medical Leave of Absence

If it is necessary to interrupt progress toward the degree, the student may petition for a non-medical leave of absence of up to one year. The petition must be submitted at least one month before the effective date of leave. The major professor, the department chair, and the Dean of the College of Graduate Studies must grant approval. The Dean will establish the conditions of the leave. An extension of a leave of absence beyond one year may be granted by the Dean of the College of Graduate Studies upon recommendation of the student's dissertation committee.

Students may apply for Medical Leave as outlined under "Medical Leave". Students approved for medical or non-medical leave are not required to be registered during the approved medical leave period. The approved medical leave time period does not count in the degree time limit.

## Master's Degree Completion Check-List

### Students should:

- have satisfied the Foreign Language requirement if completing a master's program in which a Foreign Language is required.
- have accumulated the required number of credit hours for the degree.
- have successfully completed all program requirements.
- have an approved Program of Study on file in the College of Graduate Studies or have completed the program under DegreeWorks.
- have no grades of "T" or "IP" on your graduate transcript.
- have a cumulative graduate GPA of at least 3.0.
- be registered in at least one (1) credit hour if completing a degree program in which a thesis is being completed.
- take and pass the comprehensive examination (or equivalent in your department) if required for your degree program by the deadline. Your advisor must submit the Report on Comprehensive Examination/Thesis Defense Form to the College of Graduate Studies by the deadline.
- pass the thesis or internship defense by the deadline if completing a degree program in which a thesis or internship is required.
- submit the electronic thesis for format review by the College of Graduate Studies by the deadline.
- submit the final electronic version of the approved thesis to the College of Graduate Studies by the deadline.
- complete the Institutional Review Board (IRB) termination notification through the Office of Research Services and Sponsored Programs by the deadline.

## Preparing For Graduation

### Program of Study Form (For degree seeking students admitted prior to Fall 2010)

The Program of Study Form confirms that you have taken the courses required for your graduate degree. The Program of Study Form must be submitted to the College of Graduate Studies not later than the end of the semester prior to the expected graduation term. Degree seeking students admitted Fall 2010 or later will complete their program under DegreeWorks.

### Application for Graduation

This is the formal request for the Registrar's Office to begin proceedings for declaration of the degree. It must be received in the Registrar's Office not later than the first day of fall for fall graduation and the first day of spring for spring and summer graduation. The form is online at: <http://em.georgiasouthern.edu/registrar/students/graduationinformation/applicationforgraduation>.

### Graduation Fee Payment

A non-refundable fee of \$35 is required to cover the processing of the graduation and the diploma. Payment should be received by the end of the semester in which the student plans to graduate. It is best to pay the graduation fee on-line through WINGS by logging into [My.GeorgiaSouthern.edu](http://My.GeorgiaSouthern.edu).

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.

### Graduate in Absentia Form

Students who do not plan on attending the commencement must complete the Request to Graduate in Absentia Form. The completed form should be sent to: Georgia Southern University, Office of the Registrar, PO Box 8092, Statesboro, GA 30460-8092, (912) 478-0432, or email at <http://em.georgiasouthern.edu/registrar/students/graduationinformation/requesttograduateinabsentia/>.

### Reserve Graduation Attire

Graduation attire must be reserved 8 weeks before graduation. Order attire by going to this web site: <http://www1.herffjones.com/college/graduation/index.cfm>. Cap and gown fees can be paid directly to the Herff Jones Company when you place your order. Doctoral students must contact Herff Jones with their height, cap size, degree, and major at: Herff Jones, 7 South Mulberry Street, Statesboro, GA 30458, Telephone: (912) 764-9314, Fax: (912) 764-9550, Email: [roderick@frontiernet.net](mailto:roderick@frontiernet.net).

### Pay Outstanding Debts

All debts to Georgia Southern University must be paid in full. To determine debts such as parking tickets, library fees, fines, etc., students should contact the Cashier's Office at: Georgia Southern University, Cashier's Office, Deal Hall, (912) 478-0020.

### Diploma Address

Georgia Southern University's Office of the Registrar will mail the diploma to students 4-6 weeks after graduation if the student applied for graduation three semesters before completion. Students are strongly encouraged to update the Diploma Address and graduation e-mail address on WINGS before the end of the semester in which you are completing the degree requirements.

## Education Specialist Program Requirements

The Education Specialist degree is offered only in a limited number of areas in the College of Education.

### Ed.S. Degree Requirements

To be eligible to be awarded the degree, the student must successfully complete all degree requirements including the minimum number of credit hours required for the degree, successfully pass the comprehensive or terminal examination (if required), successfully defend the thesis (if required), have an approved program study on file in the College of Graduate Studies and must have applied for graduation by the graduation application deadline and have satisfied all non-academic requirements to be cleared by the Office of the Registrar.

To be awarded an Education Specialist (Ed.S.) degree, the student (a) must not be on academic probation, (b) must have a cumulative graduate grade point average (GPA) of 3.0 or higher, (c) must have an approved program of study on file in the College of Graduate Studies, (d) must meet all the requirements of the College of Graduate Studies and the student's academic program area, (e) have no grades of "I" or "IP" on the graduate transcript, and (f) if enrolled in a program that requires a thesis, satisfy the Thesis/Dissertation Enrollment Requirements stated previously.

### Degree Time Limit-Ed.S.

The time limit to complete an Education Specialist (Ed.S.) degree is seven years. Courses counting toward the degree may not have been taken more than seven (7) years prior to the degree completion date.

### 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>

### Program of Study (POS)

Every degree seeking student who began the degree program prior to Fall 2010 must file with the College of Graduate Studies a Program of Study, a formal list of the courses the student intends to take to fulfill the requirements of the degree. The program of study should consist solely of courses directly related to the degree. Undergraduate courses may not be included on the Program of Study. Students in a degree program in which the requirements are the same as those under the 2010 - 2011 catalog may use DegreeWorks to document the degree completion if they so choose.

The Program of Study must be submitted by the student and signed by the Advisor, and Graduate Program Director or

Department Chair before being submitted to the College of Graduate Studies for final approval. The POS must be submitted to the College of Graduate Studies not later than the end of the semester preceding the expected graduation semester. Subsequent changes in the program will be submitted on an Amended Program of Study form or by filing a revised Program of Study that is signed by all persons as stated above. A revised Program of Study must be approved by the College of Graduate Studies before graduation.

### Graduate Final Comprehensive Examination

A final oral examination or a comprehensive written examination or both may be required for a degree. The examination will be administered after the student has completed the program of study and other requirements or in the semester in which the candidate intends to complete them. Examinations may take the form of a defense of the thesis, an interpretation of other scholarly work, a portfolio of the student's work or a test of the student's understanding of the field. The academic unit determines the format of the examination and, along with the supervisory committee for programs requiring a thesis, is responsible for its administration. The Department Chair, Graduate Program Director or major professor is responsible for reporting the results of the examination and/or thesis defense to the College of Graduate Studies on the Report on Comprehensive Examination/Thesis Defense Form. Normally, final oral examinations will be given on the Statesboro campus. Exceptions can be made if requested by the student, recommended by the supervisory committee, and approved by the Department Chair or Graduate Program Director and the Dean of the College of Graduate Studies. In the case of an examination in which the participants are not all in the same location, any technology used to conduct the examination must support simultaneous oral interaction between the student and all members of the examining committee. Copies of the questions for all final written examinations must be filed with the academic unit. In the case of a candidate writing a thesis, the examination cannot be scheduled until the thesis committee certifies that a satisfactory copy of the thesis has been presented. Final examinations must be scheduled by the academic calendar deadlines for examinations and/or theses defenses and final submissions for the semester during which graduation is expected.

### Grade Requirements-Ed.S. Level

#### Graded Work

For graduate credit, the grade in a course must be a minimum grade of "C." To be awarded a graduate degree, the student (a) must not be on probation, (b) must have a cumulative GPA of 3.0 or higher on all graduate course work attempted and on course work on the program of study, (c) must meet all the requirements of the College of Graduate Studies, the student's academic program area, and the student's supervisory committee, and (d) must be enrolled during the semester in which the degree requirements are completed if completing a thesis.

A student may not repeat any course for credit for which he/she has already received a minimum grade of "C" unless specifically permitted by the degree program department policy.

#### Satisfactory/Unsatisfactory Graded Work

Certain courses including thesis and internship credit may be graded on a satisfactory/unsatisfactory (S/U) basis. A grade of "S" indicates that credit has been given for completion of the



credit and the credit may count toward degree requirements. A grade of “U” indicates unsatisfactory progress in the course and credit may not be counted toward degree requirements. Satisfactory/Unsatisfactory graded work is not computed in the grade point average.

#### **In-Progress (IP) Grade**

“IP” 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 these symbols is approved for dissertation and thesis hours and project courses. With the exception of Learning Support courses and Regents’ Test review courses, these symbols cannot be used for other courses. These symbols cannot be substituted for an “I”.

#### **Incomplete Policy**

An incomplete grade “I” may be given to a student providing the student was doing satisfactory work in a course but was unable to meet the full requirements of the course due to non-academic reasons beyond his/her control. An “I” must be removed within one calendar year following the semester in which the “I” grade was recorded. The course professor may set a course completion time of less than the one calendar year. It is the student’s responsibility to insure that the course work is completed. If the “I” is not removed by the established deadline, it will be changed to an “F”. A student may not graduate with any “I” grades on their transcript.

#### **Courses Applied Toward Two Ed.S. Degrees**

No graduate student may use credit from the same course in meeting the requirements for both an undergraduate and a graduate degree. A student pursuing a second Ed.S. degree may count up to nine (9) credit hours from the first earned Ed.S. degree toward requirement for the second degree providing the courses are recommended by the student’s advisor and the first Ed.S. degree has been completed before the second degree.

A person may earn an Ed.S. degree at Georgia Southern University after receiving the same degree, in the same or another field, at another institution. The degree sought at Georgia Southern University is subject to the same provisions for transfer of credit as a first degree. If an Ed.S. degree is sought at this University after earning a doctorate here, a maximum of nine (9) credit hours from the doctoral work may be applied toward the Ed.S. degree.

#### **Inactive Status**

A student who does not enroll for one semester is considered inactive and must have their enrollment eligibility updated through the Graduate Admissions Office to be eligible to re-enroll in the same program in subsequent semesters. A student who does not matriculate for three or more consecutive semesters must re-apply to (and be accepted into) a graduate program before being considered for re-entry by the College of Graduate Studies. In order to be allowed to resume graduate studies, the student must meet all requirements for entry in force at the time of the new application. Inactive students who seek to regain active status will not, however, be required to recreate materials submitted with their original applications and held in their files by the College of Graduate Studies. If allowed to regain active status, the formerly inactive student will be subject to all requirements in force in his

or her graduate program and in the College of Graduate Studies at the time the student returns to active status.

#### **Probation**

A graduate student whose cumulative graduate grade point average falls below 3.0 upon the completion of nine (9) credit hours will be placed on academic probation. If the cumulative GPA remains below 3.0 after the completion of a maximum of nine (9) additional credit hours, the student will be excluded from the program and is ineligible to continue graduate work. Only credit earned in graduate courses at Georgia Southern University may be used to repair a GPA deficiency. In certain departments, a student will be excluded from the degree program upon earning more than two (2) grades of “C” or below.

#### **Removal from Probation**

A student placed on academic probation will be reinstated to good standing providing they have raised their cumulative graduate point average to at least 3.0 upon completing a maximum of nine (9) semester hours following the effective probation semester. Except in certain departments, courses may not be repeated if a grade of “C” was previously earned.

#### **Exclusion**

A graduate student will be denied continued enrollment at Georgia Southern University for any of the following reasons:

1. Failure to meet the conditions of academic probation.
2. Failure to meet the conditions of Provisional Admission.
3. Failure to meet specified academic requirements as set by the department offering the program.
4. Failure to comply with the Academic Dishonesty section of the Student Conduct Code.
5. Non-degree admission to the same major from which the student was excluded is not permitted.

#### **Reinstatement**

Students excluded from a degree program due to academic reasons may appeal for reinstatement following exclusion. To appeal for reinstatement, the student must complete and submit the online web based appeal for at <http://cogs.georgiasouthern.edu/student/academicappeal>. You may attaché documents to the appeal form. Appellants may track the status of their appeal through the online web site. A recommendation will be electronically forwarded to the College of Graduate Studies for review by the Associate Dean of the College of Graduate Studies. If the Dean of the College of Graduate Studies approves the appeal, the appellant will be allowed to proceed toward the degree under conditions specified by the appropriate department and/or college. If the appeal is not approved by the Associate Graduate Dean, the student may appeal directly to the Graduate Dean.

#### **Medical Leave of Absence**

A student may apply for a Medical Leave of Absence as outlined under “Medical Leave”. A student approved for medical or non-medical leave is not required to be registered during the approved medical leave period. The approved medical leave time period does not count in the degree time limit.

### Non-Medical Leave of Absence

If it is necessary to interrupt progress toward the degree, the student may petition for a non-medical leave of absence of up to one year. The petition must be submitted at least one month before the effective date of leave. The major professor, the department chair, and the Dean of the College of Graduate Studies must grant approval. The Dean will establish the conditions of the leave. An extension of a leave of absence beyond one year may be granted by the Dean of the College of Graduate Studies upon recommendation of the student's dissertation committee.

Students may apply for Medical Leave as outlined under "Medical Leave". Students approved for medical or non-medical leave are not required to be registered during the approved medical leave period. The approved medical leave time period does not count in the degree time limit.

### Ed.S. Degree Completion Check-List

#### Students should:

- have accumulated the required number of credit hours for the degree.
- have successfully completed all program requirements.
- have an approved Program of Study on file in the College of Graduate Studies.
- have no grades of "I" or "IP" on your graduate transcript.
- have a cumulative graduate GPA of at least 3.0.
- take and pass the comprehensive examination (or equivalent in your department) if required for your degree program by the deadline. Your advisor must submit the Report on Comprehensive Examination/Thesis Defense Form to the College of Graduate Studies by the deadline.
- complete the Institutional Review Board (IRB) termination notification through the Office of Research Services and Sponsored Programs by the deadline.

### Preparing For Graduation

#### Program of Study Form (For degree seeking students admitted prior to Fall 2010)

The Program of Study Form confirms that you have taken the courses required for your graduate degree. The Program of Study Form must be submitted to the College of Graduate Studies not later than the end of the semester prior to the expected graduation term. Degree seeking students admitted Fall 2010 or later will complete their program under DegreeWorks.

#### Application for Graduation

This is the formal request for the Registrar's Office to begin proceedings for declaration of the degree. It must be received in the Registrar's Office not later than the first day of fall for fall graduation and the first day of spring for spring and summer graduation. The form is online at: <http://em.georgiasouthern.edu/registrar/students/graduationinformation/applicationforgraduation>.

#### Graduation Fee Payment

A non-refundable fee of \$35 is required to cover the processing of the graduation and the diploma. Payment should be received by the end of the semester in which the student plans to graduate. It

is best to pay the graduation fee on-line through WINGS by logging into [My.GeorgiaSouthern.edu](http://My.GeorgiaSouthern.edu).

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.

#### Graduate in Absentia Form

Students who do not plan on attending the commencement must complete the Request to Graduate in Absentia Form. The completed form should be sent to: Georgia Southern University, Office of the Registrar, PO Box 8092, Statesboro, GA 30460-8092, (912) 478-0432, or email at <http://em.georgiasouthern.edu/registrar/students/graduationinformation/requesttograduateinabsentia/>.

#### Reserve Graduation Attire

Graduation attire must be reserved 8 weeks before graduation. Order attire by going to this web site: <http://www.l.herffjones.com/college/graduation/index.cfm>. Cap and gown fees can be paid directly to the Herff Jones Company when you place your order. Doctoral students must contact Herff Jones with their height, cap size, degree, and major at: Herff Jones, 7 South Mulberry Street, Statesboro, GA 30458, Telephone: (912) 764-9314, Fax: (912) 764-9550, Email: [roderick@frontiernet.net](mailto:roderick@frontiernet.net).

#### Pay Outstanding Debts

All debts to Georgia Southern University must be paid in full. To determine debts such as parking tickets, library fees, fines, etc., students should contact the Cashier's Office at: Georgia Southern University, Cashier's Office, Deal Hall, (912) 478-0020.

#### Diploma Address

Georgia Southern University's Office of the Registrar will mail the diploma to students 4-6 weeks after graduation if the student applied for graduation three semesters before completion. Students are strongly encouraged to update the Diploma Address and graduation e-mail address on WINGS before the end of the semester in which you are completing the degree requirements.

## Doctoral Degree Program Requirements

The doctoral degree is the most advanced academic degree awarded by the university. It requires demonstration of expertise in a major field of study, a working understanding of one or more related disciplines and independent research or abilities leading to a significant contribution to knowledge. Georgia Southern University offers the Doctor of Education (Ed.D), Doctor of Public Health (D.P.H.), Doctor of Psychology (Psy.D), Doctor of Philosophy (Ph.D.) and Doctor of Nursing Practice (D.N.P).

### Doctoral Program Admission Requirements

To gain admission to a doctoral program, the applicant must be approved for admission both by the graduate faculty of the department and by the College of Graduate Studies.

### Dissertation Committee

Following admission to a doctoral program, the student confers with the degree program coordinator of the academic program and selects an advisor, or "major professor," from among the graduate faculty who are certified to direct dissertations and who are willing to assume the responsibility. Dissertation committees must be formulated by doctoral students in doctoral programs requiring dissertations. The dissertation committee must consist of a minimum of three members of the Graduate faculty, including the student's major professor, who will serve as Chair of the committee. The student must submit the completed Dissertation Committee Membership Approval Form (<http://cogs.georgiasouthern.edu/student/forms>) to the College of Graduate Studies for committee approval by the Graduate College Dean. Changes in the Committee membership must be submitted on the Committee Member Change form and be approved by the graduate dean.

Only faculty holding Member (Full) Graduate Faculty status may serve as the Dissertation Committee Chair. Additional voting members may be appointed to the committee including no more than one non-Georgia Southern University faculty who must hold the terminal degree in their field of study and be approved by the Dean of the College of Graduate Studies. Affiliate Graduate Faculty may be approved to serve on a committee and serve as Co-Chair. Affiliate Graduate Faculty may not serve as the dissertation committee chair. All members of a student's dissertation committee participate as peers and have the responsibility for planning the program of study, advising the students and ensuring that the student's doctoral program is of high quality.

### 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>

### Doctoral Program of Study

Every doctoral degree seeing student who began their program prior to Fall 2010 must file with the College of Graduate Studies a Program of Study, a formal list of the courses the student intends to take to fulfill the requirements of the degree. The program of study should consist solely of courses directly related to the doctoral degree. Undergraduate courses may not be included on the Program of Study. Students in a degree program in which the requirements are the same as those under the 2009-2010 catalog may use DegreeWorks to document the degree completion is they so choose.

The program of study must be submitted by the student and approved by the Major Professor, the Department Chair and the Dean of the College of Graduate Studies. The submission deadline is not later than the first day of the expected graduation semester or semester. Changes in the program must be submitted on an Amended Program of Study form or by filing a revised Program of Study that is signed by all persons as stated above.

### Doctoral Program Credit Requirements

The minimum number of credits to satisfy the doctoral program requirements are set for each individual program. The maximum number of credits taken at another institution that may count as transfer credits toward the doctoral program are also set by the individual doctoral programs.

### Restricted Courses

While courses numbered 6000 and above are offered for graduate credit, courses numbered 9000 and above are open to doctoral degree students only. Courses numbered 5000G to 5999G may be taken for graduate credit but may not be counted toward doctoral degree requirements.

### Independent Study

A maximum of six (6) credits earned in "Independent Study" may apply toward a graduate degree, providing the student was classified under "Regular" admission at the time the Independent Study courses were taken and providing the student's advisor recommends the courses as part of the program of study.

### Correspondence Study

Credits taken by correspondence study or for continuing education units (CEUs) or as experiential learning or extension credits, are not permitted to be counted toward degree program requirements.

### Courses Applied Toward Two Doctoral Degrees

No graduate student may use credit from the same course in meeting the requirements for both an undergraduate and a graduate degree. A graduate student may matriculate in two graduate programs of the same level concurrently. A graduate student pursuing two graduate degrees concurrently must complete all requirements for each degree.

A person may earn a doctorate at Georgia Southern University after receiving the same degree, in the same or another field, at another institution. The degree sought at Georgia Southern

University is subject to the same provisions for transfer of credit as a first degree.

### **Inactive Status**

A student who does not enroll for one semester is considered inactive and must have their enrollment eligibility updated to be eligible to enroll in subsequent semesters. A student who does not enroll for one year must have their admission status updated through the Office of Admissions to be eligible to re-enroll in the same program. A student who does not matriculate for three or more consecutive semesters must re-apply (and be accepted into) a graduate program before being considered for re-entry by the College of Graduate Studies. In order to be allowed to resume graduate studies, the student must meet all requirements for entry in force at the time of the new application. Inactive students who seek to regain active status will not, however, be required to recreate materials submitted with their original applications and held in their files by the College of Graduate Studies. If allowed to regain active status, the formerly inactive student will be subject to all requirements in force in his or her graduate program and in the College of Graduate Studies at the time the student returns to active status.

### **Candidacy Examination**

The student must be given a written candidacy examination, which may be supplemented by an oral examination as prescribed by the program requirements. These are designed to test the student's breadth and depth of knowledge in the proposed field of specialization, as well as the student's ability to explore problems on the boundaries of knowledge. Satisfactory performance in the examination is an indication that the student is prepared to perform independent work toward the doctoral degree. The candidacy examination must be taken no later than the last semester of course work or the following semester. Copies of the examination are filed with the academic unit and made available on request to any graduate faculty member for a period of two years from the date of examination. The results of the candidacy examination are reported to the College of Graduate Studies on the Candidacy Exam Report form that must be signed by members of the Candidacy Committee. If the student fails the candidacy examination, only one retake of the Exam is permitted. The format of the examination and the structure of the candidacy committee may differ among doctoral programs, and in some programs, the candidacy committee will differ from the dissertation committee. Within one week following the completion and determination of the results of the candidacy examination, including those of any oral portion, the candidacy committee must sign the ballot indicating that the candidacy examination has been completed. In case of failure of the first candidacy examination, the candidacy committee may approve a second examination with no more than one dissenting vote. A second examination can be taken no sooner than three months following the initial failure. As with the first examination, the signed Candidacy Exam Report Form must be submitted to the College of Graduate Studies within one week of the determination of the results of the examination.

### **Doctoral Off-Campus Research**

Dissertation committees must take adequate steps to ensure appropriate guidance of off-campus research. As a minimal requirement, the student must submit to the dissertation committee a well-formulated research plan, including objectives

and methodology, and the committee must review and approve the plan before the student departs for the research site and indicate approval on the program of study. In addition, the dissertation committee may require:

1. that the major professor and/or a competent local authority who can reliably guide the student provide continuing on-site supervision.
2. that the student provides the dissertation committee with frequent, periodic estimates of performance and progress. The committee may also require that these be authenticated by a competent local authority.
3. that the major professor carries out local inspections of the student's activities.

Regardless of the location at which the research is conducted, the dissertation defense will normally be given on the Statesboro campus. Exceptions can be made if requested by the student, recommended by the dissertation committee, and approved by the Graduate Program Director, School or Department Chair and the Dean of the College of Graduate Studies. In the case of a defense or examination in which the participants are not all in the same location, any technology used to conduct the examination must support simultaneous oral interaction between the student and all members of the committee. When unusual circumstances arise in the guidance of off-campus students, dissertation committees should consult with the Dean of the College of Graduate Studies.

Research conducted outside an academic program cannot be accepted for credit as part of a program of study.

### **Degree Time Limit - Doctoral Programs**

The time limit to complete a doctoral degree varies by program. Doctoral students should consult with their respective department/college regarding the time limit for their individual program.

### **Practicum Requirement**

Some doctoral programs may have a practicum requirement. Doctoral students should consult with their respective department/college regarding practicum requirements.

### **Grade Requirements - Doctoral Programs**

To be awarded a doctoral degree, the candidate must not be on academic probation and must meet the minimum GPA requirement for the degree program.

The minimum cumulative graduate GPA to remain in good standing is set by the respective doctoral program. Doctoral students should check their program student handbook or consult with their advisor or program director about the minimum GPA requirement for their program.

A student may not repeat any course for credit for which he/she has already received a grade of "C" or better unless specifically permitted by the degree program department policy.

### **Academic Probation - Doctoral Students**

A doctoral student whose cumulative graduate grade point average falls below the minimum program requirement for academic good standing upon the completion of nine (9) credit hours will be placed on academic probation. If the cumulative GPA remains below that required for academic good standing

after the completion of a maximum of nine (9) additional credit hours, the student will be excluded from the program and is ineligible to continue graduate work. Only credit earned in graduate courses at Georgia Southern University may be used to repair a GPA deficiency.

#### **Removal from Academic Probation**

A doctoral student placed on academic probation will be reinstated to good standing providing the cumulative graduate GPA is raised to the program minimum requirement for academic good standing upon completing a maximum of nine (9) credit hours following the effective probation semester.

#### **Exclusion - Doctoral Students**

A doctoral student will be denied continued enrollment at Georgia Southern University for any of the following reasons:

1. Failure to meet the conditions of academic probation.
2. Failure to meet specified academic requirement as set by the program and/or department.
3. Failure to comply with the Academic Dishonesty section of the Student Conduct Code.

#### **Reinstatement**

Students excluded from a degree program due to academic reasons may appeal for reinstatement following exclusion. To appeal for reinstatement, the student must complete and submit the online web based appeal for at <http://cogs.georgiasouthern.edu/student/academicappeal>. You may attaché documents to the appeal form. Appellants may track the status of their appeal through the online web site. A recommendation will be electronically forwarded to the College of Graduate Studies for review by the Associate Dean of the College of Graduate Studies. If the Dean of the College of Graduate Studies approves the appeal, the appellant will be allowed to proceed toward the degree under conditions specified by the appropriate department and/or college. If the appeal is not approved by the Associate Graduate Dean, the student may appeal directly to the Graduate Dean.

#### **Medical Leave of Absence**

A student may apply for a Medical Leave of Absence as outlined under "Medical Leave". A student approved for medical or non-medical leave is not required to be registered during the approved medical leave period. The approved medical leave time period does not count in the degree time limit.

#### **Non-Medical Leave of Absence**

If it is necessary to interrupt progress toward the degree, the student may petition for a non medical leave of absence of up to one year. The petition must be submitted at least one month before the effective date of leave. The major professor, the department chair, and the Dean of the College of Graduate Studies must grant approval. The Dean will establish the conditions of the leave. An extension of a leave of absence beyond one year may be granted by the Dean of the College of Graduate Studies upon recommendation of the student's dissertation committee.

Students may apply for Medical Leave as outlined under "Medical Leave". Students approved for medical or non-medical

leave are not required to be registered during the approved medical leave period. The approved medical leave time period does not count in the degree time limit.

#### **Dissertation**

An approved dissertation, unless otherwise stated by the degree program, is required of all candidates for the award of a doctorate degree. Its purpose is to demonstrate the candidate's ability to conduct significant original research of a type appropriate to the academic discipline, to analyze the information obtained from the research, and to present the results in a form acceptable to the dissertation committee. A dissertation must be written in a form appropriate to the discipline.

When the student is admitted to candidacy and the Dissertation Committee Chair is satisfied with the completed dissertation, he/she will inform the candidate that the dissertation is ready to be read by all members of the Dissertation Committee. Per the preference of the Dissertation Committee, the student will then distribute dissertation copies in electronic file or hard copy format to the committee members. The candidate must provide a copy of the dissertation to each member of the final examining committee at least two weeks before the scheduled defense. The candidate, in consultation with the Committee Chair (Major Professor) and committee members, will then schedule the dissertation defense. The dissertation defense must be scheduled by the semester deadline stated in the university academic calendar to conduct the defense. The College of Graduate Studies must receive written or electronic notification of the dissertation defense date at least three (3) weeks prior to the defense date. The dissertation defense will be held in a forum open to the public.

The chairperson also has the right and the responsibility to evaluate the candidate's performance and to cast a vote. The responsibilities of the dissertation committee are:

To examine the doctoral dissertation and approve scheduling the dissertation defense. The committee must agree to the scheduling of the dissertation defense. Agreeing to the dissertation defense scheduling does not imply that the dissertation is approved.

To hold a public, oral dissertation defense, after the dissertation is deemed acceptable in form, at which the candidate presents and defends the dissertation; and to report the result of this examination to the Dean of the College of Graduate Studies. All members of the examining committee (or substitutes appointed by the Dean of the College of Graduate Studies) are expected to be present throughout the examination. At least three-fourths of the examining committee including substitutes appointed by the Dean of the College of Graduate Studies must approve the candidate's performance before he or she is deemed to have passed. A refusal to vote by the chairperson or any other member of the examining committee shall be recorded as a negative vote. With the permission of at least three-fourths of the committee, a failed defense may be retaken only one time and scheduled no earlier than three months from the date of the failure. The defense must be given on the Statesboro campus. When the dissertation has been approved, the dissertation defense passed, and all other requirements have been met, the candidate is recommended to be awarded the degree by the Dean of the Graduate College.

## Dissertation Continuous Enrollment Requirements

The College of Graduate Studies Continuous Enrollment policy states that - All thesis or dissertation students who have registered at least once for courses titled thesis or dissertation must be continuously enrolled every semester thereafter, including the semester of graduation. Summer registration is not required unless summer is the graduation semester. Check with your major advisor to see if your college has a different, or additional, continuous enrollment requirement(s) that apply.

- A grade of "IP" will be recorded for all dissertation credit work in progress, and will automatically be recorded each semester the student is enrolled.
- The grade of "S" or "U" must be recorded for all dissertation credit when completed.
- The advisor and/or major professor will report a final dissertation grade of "S" or "U". Any reported grade other than "S" or "U" will be changed to an "S" or "U" grade according to the following: REPORTED GRADE OF "A", "B", "C" = "S", "D", "F" = "U"
- Upon completion of the dissertation requirements, final grades for preceding semester(s) will be changed to the appropriate grade.

The College of Graduate Studies Continuous Enrollment policy states that - All thesis or dissertation students who have registered at least once for courses titled thesis or dissertation must be continuously enrolled every semester thereafter, including the semester of graduation. Summer registration is not required unless summer is the graduation semester. Check with your major advisor to see if your college has a different, or additional, continuous enrollment requirement(s) that apply.

Should a student not register each semester as required by the continuous enrollment policy, the student will be required to register in thesis or dissertation credit and pay tuition and fees 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.

Dissertation students must submit the dissertation in electronic format. The Electronic Thesis and Dissertation policies and procedures are discussed in detail on the College of Graduate Studies Website <http://cogs.georgiasouthern.edu>.

A student who has been approved for a medical or a non-medical leave of absence is not required to be registered while under the approved leave period.

## Electronic Thesis and Dissertation (ETD) Requirements

Dissertation students must submit the dissertation in electronic format. The Electronic Thesis and Dissertation policies and procedures are discussed in detail on the College of Graduate Studies Website at <http://academics.georgiasouthern.edu/etd/>.

Following a successful dissertation defense, the candidate must make any corrections or changes to the dissertation that are required by the defense committee. The student must submit the dissertation as an electronic file (ETD) required by the College of

Graduate Studies for format check by the format check deadline. After the document format has been completed the electronic document is returned to the student. If format corrections are to be made the student must make the changes and submit the final corrected electronic version to the College of Graduate Studies by the final submission deadline as posted for the semester. The student should check with his/her dissertation chair to determine if the dissertation committee chooses to re-review the document before final submission to the College of Graduate Studies. The final copy must also conform to the stylistic guidelines adopted by the academic unit established by the College of Graduate Studies. Information regarding the ETD can be found on the COGS web page at <http://academics.georgiasouthern.edu/etd/>.

## Doctoral Degree Completion Check-List

### Students should:

- have satisfied the Foreign Language requirement if completing a doctoral program in which a Foreign Language is required.
- have accumulated the required number of credit hours for the degree.
- have successfully completed all program requirements.
- have an approved Program of Study on file in the College of Graduate Studies or have completed the program under DegreeWorks.
- have no grades of "I" or "IP" on your graduate transcript.
- have a cumulative graduate GPA of at least 3.0.
- be registered in at least one (1) credit hour if completing a degree program in which a thesis is being completed.
- take and pass the comprehensive examination (or equivalent in your department) if required for your degree program by the deadline. Your advisor must submit the appropriate examination report form to the College of Graduate Studies by the deadline.
- pass the Dissertation defense by the deadline if completing a degree program in which a thesis or internship is required.
- submit the electronic thesis for format review by the College of Graduate Studies by the deadline.
- submit the final electronic version of the approved thesis to the College of Graduate Studies by the deadline.
- complete the Institutional Review Board (IRB) termination notification through the Office of Research Services and Sponsored Programs by the deadline.

## Preparing For Graduation

### Program of Study Form (For degree seeking students admitted prior to Fall 2010)

The Program of Study Form confirms that you have taken the courses required for your graduate degree. The Program of Study Form must be submitted to the College of Graduate Studies not later than the end of the semester prior to the expected graduation term. Degree seeking students admitted Fall 2010 or later will complete their program under DegreeWorks.

### Application for Graduation

This is the formal request for the Registrar's Office to begin proceedings for declaration of the degree. It must be received in the Registrar's Office not later than the first day of fall for fall graduation and the first day of spring for spring and summer graduation. The form is online at: <http://em.georgiasouthern.edu/registrar/students/graduationinformation/applicationforgraduation>.

**Graduation Fee Payment**

A non-refundable fee of \$35 is required to cover the processing of the graduation and the diploma. Payment should be received by the end of the semester in which the student plans to graduate. It is best to pay the graduation fee on-line through WINGS by logging into [My.GeorgiaSouthern.edu](http://My.GeorgiaSouthern.edu).

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.

**Graduate in Absentia Form**

Students who do not plan on attending the commencement must complete the Request to Graduate in Absentia Form. The completed form should be sent to: Georgia Southern University, Office of the Registrar, PO Box 8092, Statesboro, GA 30460-8092, (912) 478-0432, or email at <http://em.georgiasouthern.edu/registrar/students/graduationinformation/requesttograduateinabsentia/>.

**Reserve Graduation Attire**

Graduation attire must be reserved 8 weeks before graduation. Order attire by going to this web site: <http://www1.herffjones.com/college/graduation/index.cfm>. Cap and gown fees can be paid directly to the Herff Jones Company when you place your order. Doctoral students must contact Herff Jones with their height, cap size, degree, and major at: Herff Jones, 7 South Mulberry Street, Statesboro, GA 30458, Telephone: (912) 764-9314, Fax: (912) 764-9550, Email: [roderick@frontiernet.net](mailto:roderick@frontiernet.net).

**Pay Outstanding Debts**

All debts to Georgia Southern University must be paid in full. To determine debts such as parking tickets, library fees, fines, etc., students should contact the Cashier's Office at: Georgia Southern University, Cashier's Office, Deal Hall, (912) 478-0020.

**Diploma Address**

Georgia Southern University's Office of the Registrar will mail the diploma to students 4-6 weeks after graduation if the student applied for graduation three semesters before completion. Students are strongly encouraged to update the Diploma Address and graduation e-mail address on WINGS before the end of the semester in which you are completing the degree requirements.

# College of Business Administration

Interim Dean: William H. Wells  
 Business Administration Room 2254  
 P.O. Box 8002  
 (912) 478-2622  
 E-mail address: wwells@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) 478-5083  
 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, Master of Accounting and Master of Science in Applied Economics degrees to prepare students for accounting and management positions of significant responsibility. Our degree programs are accredited by the AACSB, an affiliation that underscores the College's dedication to continuous improvement and commitment to excellence.

## 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, L. Sneathen,  
 Assistant Professors: R. Jackson, N. Lynch, R. Marley, B. McKay, A. Parham, E. Stewart, M. Wiggins  
 Lecturer: D. Berecz, 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, 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. Leaptrott, 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, L. Pittaway, 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 - 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 calendar 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. Please refer to the graduate section of the catalog for a detailed description of the program.

### **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.

### **Enterprise Resources Planning (ERP) Certificate**

The Enterprise Resources Planning (ERP) Certificate is an online program for working professionals and recent graduates who want to deepen their understanding of ERP systems and integrated business processes within organizations. This 15 credit hour lockstep program offers students the opportunity to gain hands on experience with SAP® ERP and to earn an Associate Level SAP® Certification (SAP Certified Business Associate with SAP ERP 6.0). This certification is recognized globally and validates broad understanding of integrated business processes within the world's most widely used ERP software. Admission to the program is competitive and the size of each cohort is limited.

### **ADVISEMENT**

#### **Undergraduate**

Academic advisement for all pre-business majors is managed by the College of Business Administration Student Services Center.  
Location: Room 1100, College of Business Administration  
Telephone: (912) 478-0085

Upper division Bachelor of Business Administration students are assigned a faculty advisor in the student's major area.

#### **Graduate**

Academic advisement for Master of Business Administration students occurs in the MBA Office in the College of Business Administration.

Location: Room 3300, College of Business Administration  
Telephone: (912) 478-5767

Academic advisement for Master of Accounting students occurs in the School of Accountancy Office in the College of Business Administration.

Location: Room 2203, College of Business Administration  
Telephone: (912) 478-2228

Academic advisement for Master of Science in Applied Economics students occurs in the School of Economic Development Office in the College of Business Administration.

Location: Room 3310, College of Business Administration  
Telephone: (912) 478-5216

Academic advisement for the Enterprise Resources Planning (ERP) Certificate program occurs through the Department of Information Systems Office in the College of Information Technology.

Location: Room 3126, College of Information Technology  
Telephone: (912) 478-4747

### **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 A-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, 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

### M.Acc., 30 HOURS

**Advising:** College of Business Administration, M.Acc. Coordinator, P.O. Box 8141, Statesboro, GA 30460, (912) 478-2228, maccocoordinator@georgiasouthern.edu, Fax: (912) 478-0105.

#### Admission Requirements

The Master of Accounting (M.Acc.) 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 personalize their program of study to fit their career objectives. The Georgia Southern University M.Acc. program meets Georgia's 150-hour requirement to sit for the CPA Exam and can be completed in one year. A prospective student who has earned a baccalaureate degree and plans to take courses in the program must be admitted under one of the following classifications:

#### Degree Student

Students who are admitted to the College of Graduate Studies with the expressed intention of following a program leading to a graduate degree are classified as degree students. When admitted as a degree student, the applicant will be placed in one of the following categories:

##### Regular Admission

A prospective candidate for the M.Acc. degree who meets all requirements for unqualified admission and has been recommended by the Director of the School of Accountancy in the College of Business Administration and approved by the College of Graduate Studies is classified as a regular degree student. Admission is a competitive and the following will be considered extremely important elements of the application: Undergraduate GPA, GMAT score, and any other required test scores. Applicants may ask that the GRE be used or GMAT be waived under special circumstances. For example, GMAT scores might be waived for applicants with advanced degrees (M.S., M.A., M.D., J.D., D.V.M., D.D.S., Ph.D.) or professional certifications (CPA, CMA, CIA). The applicant's credentials will be presented to the Graduate Curriculum and Programs Committee which will forward its recommendation to the College of Graduate Studies. Student transcripts are evaluated for prerequisite requirements during the review of the admission packet. The requirement to make up deficiencies in prerequisite courses is listed on the notification of acceptance as a condition of acceptance.

##### Admission Appeals

An applicant may appeal to use his/her GRE score in place of the GMAT score. To appeal for admission, the applicant must follow the College of Graduate Studies appeal procedures. Appeals are considered by the College of Business Administration Graduate Curriculum and Programs Committee (GCPC) which forwards its recommendations to the College of Graduate Studies.

Applicants who have earned an advanced degree (M.S., M.A., M.D., J.D., D.V.M., D.D.S., Ph.D.) from a regionally accredited college or university may request a waiver of the GMAT score. An applicant with an advanced degree may request a GMAT waiver through the Graduate Curriculum and Program Committee (GCPC) which will review the applicant's credentials to determine if the GMAT waiver will be granted. Should the GCPC not meet during an admission cycle, the Dean of the College of Business Administration will appoint a committee of the COBA Graduate Faculty to consider admission and waiver appeals.

Factors that the GCPC may consider for admission will include (but not limited to) the following:

1. Probability of success in the applications chosen program.
2. The diversity the applicant brings to the degree program.
3. Space availability in the applicant's chosen program.

The GCPC may make a recommendation it deems to be in the best interest of the programs, including, but not limited to the following:

1. "Regular" admission with no restrictions.
2. "Regular" admission with restrictions.

#### Non-degree Student

An applicant may be admitted to the College of Graduate Studies as a non-degree student to earn credit in graduate courses without working toward a degree. Admission as a non-degree student does not guarantee subsequent admission to a graduate degree program; that is a separate process, and different criteria must be met. Students who are admitted in a non-degree category may apply to a degree program at any time. Upon the advisor's recommendation, non-degree courses may be included in the graduate degree program of study should the student gain reclassification as a degree student. A student may be admitted to the College of Graduate Studies and in Business in one of the following admission categories:

##### Enrichment

The M.Acc. degree is not suited for enrichment. Students may be admitted to graduate accounting course with the approval of the Director of the School of Accountancy on a space available basis. A student may count a maximum of nine (9) semester hours of credit toward graduate degree program requirements if recommended by the degree Graduate Program Director and approved by the Dean of the College of Graduate Studies.

Once admitted under this classification, a competitive GMAT score must be submitted to the College of Graduate Studies by the completion of the third graduate level course in order to be considered for the M.Acc. degree admission.

##### Limited

A student whose file is incomplete because certain required application materials have not been received in the Office of Graduate Admissions for degree admission consideration may be admitted in this category. Enrollment in the Non-Degree Limited category is limited to a maximum of nine (9) semester hours of credit in graduate courses in any seven contiguous years. A student may count a maximum of nine (9) semester hours of credit toward graduate degree program requirements if recommended by the degree Graduate Program Director and approved by the Dean of the College of Graduate Studies.

A student who has not taken the GMAT may be admitted under this classification provided that the overall undergraduate GPA is 3.25 or higher, or the upper-level (last 60 semester hours) GPA is 3.50 or higher, or with the approval of the Director of the School of Accountancy. Once admitted under this classification, a competitive GMAT score must be submitted by the completion of the third graduate level course in order to continue with additional graduate courses and for the applicant to be considered for M.Acc. degree admission. The requirement to make up deficiencies in the prerequisite courses is listed on the notification of acceptance as a condition of acceptance.

**Graduate Transfer or Transient Credit**

The College of Business Administration accepts graduate transfer or transient credit only from AACSB accredited programs not to exceed six (6) semester hours subject to review and approval by the Director of the School of Accountancy.

WEBMAcc courses cannot be used to fulfill the requirements for the M.Acc. Degree, nor can ACCT or LSTD courses be applied for credit in the WEBMAcc program. However, a student currently enrolled in one program can, under special circumstances, apply for admission to the other program and request that credit be transferred. The request to transfer courses must be approved by the Director of the School of Accounting and the Graduate Programs Committee.

**Program of Study**

**Prerequisites**

A student admitted to the College of Graduate Studies as a prospective candidate for the Master of Accounting degree must present evidence of satisfactory completion (a minimum grade of “C”) of the following course content:

Accounting:

Intermediate Accounting

*Georgia Southern equivalents are:*

- ACCT 3131 - Intermediate Accounting I (3)
- ACCT 3132 - Intermediate Accounting II (3)
- ACCT 4133 - Intermediate Accounting III (3)

Managerial Accounting

*Georgia Southern equivalent is:*

- ACCT 3231 - Managerial Accounting II (3)

Income Tax

*Georgia Southern equivalent is:*

- ACCT 3330 - Income Tax (3)

Accounting Information Systems

*Georgia Southern equivalent is:*

- ACCT 4130 - Accounting Information Systems (3)

Auditing

*Georgia Southern equivalent is:*

- ACCT 4430 - Auditing (3)

General Business:

Accounting Fundamentals

*Georgia Southern equivalent is:*

- ACCT 2101 - Financial Accounting (3), and
- ACCT 2102 - Managerial Accounting (3)

Foundations of Economics

*Georgia Southern equivalent is:*

- ECON 2105 - Economics in a Global Society (3), and
- ECON 2106 - Business Economics (3)

Fundamentals of Corporate Finance

*Georgia Southern equivalent is:*

- FINC 3131 - Principles of Corporate Finance (3)

Legal and Ethical Issues in Business

*Georgia Southern equivalent is:*

- LSTD 2106 - Legal Environment of Business (3)

Foundations of Management and Marketing

*Georgia Southern equivalent is:*

- MGNT 3130 - Principles of Management (3), and
- MKTG 3131 - Principles of Marketing (3)

Business Statistics using Spreadsheet Analysis

*Georgia Southern equivalent is:*

- BUSA 3131 - Business Statistics (3)

**Required Courses.....18 Hours**

ACCT 7130 - Seminar in Financial Accounting (3)  
ACCT 7330 - Taxation of Corporations and Partnerships (3)  
ACCT 7430 - Seminar in Auditing (3)  
ACCT 7530 - Seminar in Accounting Information Systems (3)  
ACCT 7634 - Fraudulent Financial Reporting (3)  
LSTD 7230 - Law and Ethics for Accountants (3)

**Electives** ..... **12 Hours**

Selected from 7000-level courses offered by the College of Business Administration, or from approved electives offered elsewhere in the University.

**School of Accountancy (SOA) Progression Requirements**

1. Students must have a GPA of 3.0 in all accounting courses plus the required legal studies (LSTD) course in order to graduate with a MAcc degree. (in addition to the 3.0 overall GPA required by the university)
2. Students cannot retake a course in the MAcc program more than once. Failure to complete a course (“D”, “F”, WF, or “W”) on the second attempt will result in dismissal from the program.
3. Students cannot repeat more than one graduate course in the MAcc program. Failure to complete a second course (“D”, “F”, WF, or “W”) in the program will result in dismissal from the program.
4. Students cannot earn more than 2 grades of "C" or below during their tenure in the Masters of Accountancy program. A third or more grade of "C" or below will result in immediate dismissal from the program and the student will not be allowed to graduate with a MAcc degree if the third (or more) "C" or below occurs in the last semester of the program.
5. Students who are dismissed from the MAcc program may appeal the program dismissal to the SOA Graduate Curriculum & Programs Committee (GCPC). Students who wish to appeal their dismissal should write a letter to the SOA GCPC requesting permission to continue in the MAcc Program.
6. Strict adherence to the American Institute of Certified Public Accountants' 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.

## ACCOUNTING, M.Acc., FORENSIC ACCOUNTING CONCENTRATION, 30 HOURS

### Admission Requirements

Forensic accounting is the application of accounting principles, theories, and techniques to facts or hypotheses at issue in a legal dispute. Forensic Accounting is one of the fastest growing areas in the profession today. Because forensic accountants must look beyond the numbers to grasp the underlying substance of business activities, they have been described as private investigators with a financial sixth sense. The M.Acc. Forensic Accounting Concentration is designed to provide the advanced knowledge and skills graduates need to investigate asset theft and financial statement fraud, to design internal control systems that detect and/or prevent fraud, and to serve effectively as expert witnesses in a court of law. Students may apply for admission to the forensic accounting concentration at the time they apply to the Master of Accounting program (Refer to Admission Requirements described in the General M.Acc. section). Admission to the concentration is competitive. The admissions committee reviews applications on an individual basis looking at both the quantitative and qualitative aspects of the applicant's academic background and professional experience (if applicable). The committee seeks to assess each applicant's potential for academic success and future professional growth based on the following:

- **Statement of Purpose Essay:** Because the admissions process may not allow for personal interviews, this essay is a crucial reflection of the applicant's communication and presentation skills.
- **Past Academic Performance:** While there is no minimum undergraduate grade point average (GPA) requirement, the admissions committee views past grades as an important indicator of the applicant's future academic performance. The committee may also consider the ranking and reputation of the applicant's undergraduate institution.
- **Work Experience:** There is no work experience requirement although work experience will be viewed positively by the admissions committee.
- **Extracurricular Activities:** Public, community, or military service; travel experiences; extracurricular activities, hobbies and special aptitudes; and any honors or recognitions received are all important indicators of the applicant's motivation and character.
- **GMAT Score:** A minimum of 430 on the GMAT is required, GMAT scores will be an extremely important component of the application and thus applicants should address this component aggressively.
- **Letters of recommendation:** Two letters will be required. References should speak to the applicant's personal qualities, career potential, and potential to succeed in the classroom.
- **Other Required Scores:** Competitive scores on any other required tests will also be considered and are an extremely important component of the application.

Finally, personal characteristics that add to the diversity of the class may also be considered, such as country of citizenship, family background, race, gender, multilingual skills, and socioeconomic history.

Applications to the Forensic Accounting program will be accepted during all semesters. Applicants who need the fraud examination prerequisites are encouraged to apply for summer semester.

### Application for Admission to the Concentration in Forensic Accounting

1. Submit an application to the M.Acc. program at: <http://www.applyweb.com/apply/gasou/menu.html>.
2. Write an essay explaining how pursuing a concentration in Forensic Accounting will help you reach your career goals. (Maximum 500 words)
  - a. Submit document as a Microsoft Word file using the following format:  
Yourfirstname\_Yourlastname-Essay.doc
3. Submit a resume that includes work experience, honors, extracurricular activities, military service, travel experience, hobbies, and special aptitudes.
  - a. Submit document as a Microsoft Word file using the following format:  
Yourfirstname\_Yourlastname-Resume.doc
4. Obtain two letters of recommendation that speak to your personal qualities, career potential, and potential to succeed in the classroom.
  - a. Submit document as a Microsoft Word file using the following format:  
Yourfirstname\_Yourlastname-Recommendation.doc

Submit all documentation to [maccocoordinator@georgiasouthern.edu](mailto:maccocoordinator@georgiasouthern.edu)

### Graduate Transfer or Transient Credit

The College of business Administration accepts graduate transfer or transient credit only from AACSB accredited programs not to exceed six (6) semester hours subject to review and approval by the Director of the School of Accountancy.

WEBMAcc courses cannot be used to fulfill the requirements for the MAcc. Degree with Forensic Accounting concentration, nor can ACCT or LSTD courses be applied for credit in the WEBMAcc program. However, a student currently enrolled in one program can, under special circumstances, apply for admission to the other program and request that credit be transferred. The request to transfer courses must be approved by the Director of the School of Accounting and the Graduate Programs Committee.

### Program of Study

#### Prerequisite(s):

*Note: In addition to the General Business and Accounting prerequisites required for admissions into the Master of Accounting program,*



students admitted into the Forensic Accounting Concentration must complete the following additional prerequisites.

**Fraud Examination Prerequisite Courses ..... 15 Hours**

- ACCT 4631 - Macro Fraud Examination (3)
- ACCT 4632 - Micro Fraud Examination (3)
- ACCT 4830 - Special Problems in Accounting (3)
- LSTD 3631 - Fraud and the Law (3)
- LSTD 4633 - Forensic Interviews and Interrogations (3)

**Program of Study ..... 18 Hours**

- ACCT 7130 - Seminar in Financial Accounting (3)
- ACCT 7330 - Taxation of Corporations and Partnerships (3)
- ACCT 7430 - Seminar in Auditing (3)
- ACCT 7530 - Seminar in Accounting Information Systems (3)
- ACCT 7634 - Fraudulent Financial Reporting (3)
- LSTD 7230 - Law and Ethics for Accountants (3)

**Forensic Accounting Concentration ..... 12 Hours**

- ACCT 7636 - Expert Witnessing (3)
- ACCT 7637 - Forensic Accounting Capstone (3)
- CISM 7131 - Survey of Digital Forensics (3)
- LSTD 7635 - Fraud and Society (3)

**School of Accountancy (SOA) Progression Requirements**

1. Students must have a GPA of 3.0 in all accounting courses plus the required legal studies (LSTD) course in order to graduate with a MAcc degree. (in addition to the 3.0 overall GPA required by the university)
2. Students cannot retake a course in the MAcc program more than once. Failure to complete a course (“D”, “F”, WF, or “W”) on the second attempt will result in dismissal from the program.
3. Students cannot repeat more than one graduate course in the MAcc program. Failure to complete a second course (“D”, “F”, WF, or “W”) in the program will result in dismissal from the program.
4. Students cannot earn more than 2 grades of “C” or below during their tenure in the Masters of Accountancy program. A third or more grade of “C” or below will result in immediate dismissal from the program and the student will not be allowed to graduate with a MAcc degree if the third (or more) “C” or below occurs in the last semester of the program.
5. Students who are dismissed from the MAcc program may appeal the program dismissal to the SOA Graduate Curriculum & Programs Committee (GCPC). Students who wish to appeal their dismissal should write a letter to the SOA GCPC requesting permission to continue in the MAcc Program.
6. 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.

## ACCOUNTING, WebM.Acc., (THE WEB-BASED MASTER OF ACCOUNTING), 30 HOURS

**Advising:** College of Business Administration, WEBMAcc. Coordinator, P.O. Box 8141, Statesboro, GA 30460, (912) 478-2228, webmacc@georgiasouthern.edu, Fax: (912) 478-0105.

The WEBMAcc. curriculum consists of 10 (3) credit hour courses, plus a one (1) hour noncredit orientation. Students are required to complete two courses each Fall and Spring term and one course each Summer for two consecutive years. Courses in the WEBMAcc program are open to WEBMAcc students only. WEBMAcc courses cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Accounting Concentration.

Georgia Southern University considers the WEBMAcc. to be a full-time program. The program is “lock step.” Georgia Southern is one of very few internationally accredited schools offering a Web-based Masters of Accounting.

The Web-Based Master of Accounting (WEBMAcc.) program focuses on the knowledge and skills students need for careers in public accounting. The curriculum includes 30 hours of coursework. The 30 hours includes 18 hours of required courses that will not change between cohorts. The remaining 12 hours of electives will be set for each cohort but may change between cohorts. Students must complete the prescribed courses for the cohort of current enrollment. The Georgia Southern University WEBMAcc. program is designed to assist students in meeting Georgia’s 150-hour requirement to obtain a CPA License. A prospective student who has earned a baccalaureate degree and plans to take courses in the program must be admitted as a regular degree seeking student. Requirements for admission are discussed below.

### Admission Requirements

Admission to the WEBMAcc. program is competitive. The admissions committee reviews applications on an individual basis looking at both the quantitative and qualitative aspects of the applicant’s academic background and professional experience (if applicable). The committee seeks to assess each applicant’s potential for academic success in an online graduate program based on the following:

- **Statement of Purpose Essay:** Because the admissions process may not allow for personal interviews, this essay is a crucial reflection of the applicant’s written communication skills.
- **Past Academic Performance:** Current competitive GPA: While there is no minimum undergraduate grade point average (GPA) requirement, the admissions committee views past grades as an important indicator of the applicant’s future academic performance. The committee may also consider the ranking and reputation of the applicant’s undergraduate institution.
- **Work Experience:** There is no work experience requirement although work experience will be viewed positively by the admissions committee.
- **GMAT Score:** A current competitive GMAT is required. GMAT scores will be an extremely important component of the application and thus applicants should address this component aggressively.
- **Letters of recommendation:** Two letters will be required. References should speak to the applicant’s personal qualities, career potential, and potential to succeed in the online learning environment. The committee prefers at least one letter of recommendation from a present or former employer that can address the applicant’s ability to handle the demands of work and academic study.
- **Other Required Scores:** Competitive scores on any other required tests will also be considered and are an extremely important component of the application.
- Factors that the School of Accountancy Graduate Programs Committee may consider for admission will include (but not be limited to) the following:
  1. Probability of success in the program,
  2. Space availability in the program, and
  3. Professional work experience.

Decisions are made in as timely a manner as possible. A decision is not assured before the application deadline. The application deadline for Fall semester admission is June 15. Applications received after that date will be considered on a space available basis. If a spring cohort is offered, the application deadline is November 15.

Within 30 days of acceptance into the program, the student must pay the tuition for the one semester hour orientation course. This tuition is non-refundable and assures your space in the cohort.

### Degree Student

Students who are admitted to the College of Graduate Studies with the expressed intention of following a program leading to a graduate degree are classified as regular degree students.

#### Regular Admission

Students who meet the above admission requirements will be considered for admission as a regular WEBMAcc. student. Student transcripts are evaluated for prerequisite requirements during the review of the admission packet. Students cannot be accepted into the program until all prerequisite deficiencies have been completed.

An applicant may request to use his/her GRE score in place of the GMAT score. In addition, applicants who have earned an advanced degree (M.S., M.A., M.D., J.D., D.V.M., D.D.S., Ph.D.) from a regionally accredited college or university or who possess a professional certification (CPA, CMA, CIA) may request a waiver of the GMAT score. The Director of the School of Accountancy will review the applicant's credentials to determine if the GMAT waiver will be granted. Substitution of the GRE or waiver of the GMAT for completion of an advanced degree or for professional certification is not assured for any candidate.

**Admission Appeals**

Students who wish to appeal an admission decision must follow the College of Graduate Studies appeal procedures.

**Non-degree Students and Enrichment**

The WEBMAcc. program is not suited for non-degree students or for enrichment. No student will be allowed to take courses offered in the program as a non-degree seeking student or for enrichment purposes.

**Graduate Transfer or Transient Credit**

Due to the lock-step nature of the program, credit will not be granted for courses taken outside of the WEBMAcc program.

**Program of Study**

**Prerequisites**

A student admitted to the College of Graduate Studies as a prospective candidate for the WEBMAcc. degree must present evidence of satisfactory completion (a minimum grade of "C") of the following course content:

Accounting:

Intermediate Accounting

*Georgia Southern equivalents are:*

- ACCT 3131 - Intermediate Accounting I (3)
- ACCT 3132 - Intermediate Accounting II (3)
- ACCT 4133 - Intermediate Accounting III (3)

Managerial Accounting

*Georgia Southern equivalent is:*

- ACCT 3231 - Managerial Accounting II (3)

Income Tax

*Georgia Southern equivalent is:*

- ACCT 3330 - Income Tax (3)

Accounting Information Systems

*Georgia Southern equivalent is:*

- ACCT 4130 - Accounting Information Systems (3)

Auditing

*Georgia Southern equivalent is:*

- ACCT 4430 - Auditing (3)

General Business:

No general business courses are required for the WEBMAcc. program, but individual elective courses may require prerequisite courses. Students are responsible for meeting course prerequisites prior to admission to the program. In addition, for candidates who plan to take the Uniform CPA Examination, most jurisdictions have general business course requirements as part of the education requirement to take this exam. Applicants should check with their respective jurisdiction (state boards, etc.) for particular requirements.

**Core Courses ..... 18 Hours**

- WMAC 7130 - Seminar in Financial Accounting (3)
- WMAC 7334 - Tax Research (3)
- WMAC 7430 - Seminar in Auditing (3)
- WMAC 7530 - Seminar in Accounting Information Systems (3)
- WMAC 7634 - Fraudulent Financial Reporting (3)
- WLST 7230 - Current Legal Issues (3)

**Cohort Courses ..... 12 Hours**

Selected by the School of Accountancy from 7000-level courses offered by the College of Business Administration, or from courses offered elsewhere in the University.

Any current or subsequently approved 7000-level COBA course may be taught as an approved elective and/or required class. Students will be provided a list of the courses scheduled in their cohort.

**Residency and Testing Requirements**

All students will be required to attend a one semester hour non-credit orientation course held over a two-day period in at a predesignated location at the beginning of their first semester in the program.

In addition, program or course testing must occur at an approved testing center with identification required. Additional test security measures as deemed necessary by the faculty may also be required and students will be given appropriate notice of those additional security measures. Students are responsible for contacting the proposed testing site and submitting the required information to the WEBMAcc coordinator to arrange approval and testing and to complete the exam or assignment by the stated deadline. Students are encouraged to do this early to ensure that the approval process is complete in time for the first required testing in the program. Students

are also required to contact the testing center in advance to schedule each exam during the program. All costs of testing will be borne by the student.

Approved testing centers may include Prometric or other nationally or regionally recognized commercial testing centers, universities, colleges, or community colleges accredited by an acceptable accrediting agency, or other approved sites. Testing sites that will not be approved include: the student's workplace or any location where the proctor would be a relative (by law or marriage), an employer, an employee, etc.

## APPLIED ECONOMICS M.S., 30 HOURS

**Advising:** College of Business Administration, School of Economic Development, Dr. Donna K. Fisher, Georgia Southern University, P. O. Box 8152, Statesboro, GA 30460, phone (912) 478-0533, email: msae@georgiasouthern.edu, website: <http://coba.georgiasouthern.edu/msae.htm>

### Admission Requirements

#### Regular

Admission into the Master of Science in Applied Economics program is competitive. To be considered for regular admission students must satisfy the following requirements:

1. Bachelor's degree from an accredited college or university
2. Undergraduate GPA: minimum of 3.00 on a 4.00 point scale
3. Competitive GRE scores
4. Completed courses in calculus, statistics, intermediate macroeconomics, and intermediate microeconomics with a minimum grade of "C" in each course and a minimum GPA of 3.00 on a 4.00 scale in these courses
5. Completed ECON 7110 - Math for Applied Economics with a minimum grade of "C"

Students who apply by the deadlines below and meet the first four requirements will be conditionally admitted and given the opportunity to take Math for Applied Economics before beginning the program. The Math for Applied Economics requirement will be waived upon demonstration of current proficiency in algebra and calculus. Contact the Program Director for details. The GRE requirement may be waived at the discretion of the Program Director for applicants holding a graduate degree in a quantitative field.

#### Provisional

Applicants may be admitted on a provisional basis based upon the evaluation of their application materials. Provisional admission is for applicants who do not satisfy regular admission requirements or applicants who require prerequisite coursework prior to entering the program.

#### Application Deadlines

The deadline for completed applications for fall semester admissions is May 1st with decisions being made on or before June 1st. Applications for spring semester are due by October 1st with decisions being made on or before October 15th. Applications completed after the deadline will be considered at the discretion of the program director.

### Program of Study

#### Required Courses..... 18 Hours

- ECON 7131 - Microeconomics (3)
- ECON 7132 - Macroeconomics (3)
- ECON 7133 - International Economics (3)
- ECON 7231 - Mathematical Economics (3) **OR** ECON 7232 - History of Economic Thought (3)
- ECON 7331 - Applied Econometrics I (3)
- ECON 7332 - Applied Econometrics II (3)

#### Concentrations..... 12 Hours

Select two of the following concentrations:

##### Regional Economic Development

- ECON 7431 - Regional Economic Development (3)
- ECON 7432 - Financing Economic Development (3)

##### Industrial Organization/Regulation

- ECON 7531 - Industrial Organization (3)
- ECON 7532 - Regulation and Antitrust (3)

##### Financial Economics

- ECON 7631 - Advanced Financial Economics (3)
- ECON 7632 - Financial Economics and Risk (3)

# APPLIED ECONOMICS CERTIFICATE

## 18 HOURS

### (Online)

**Advising:** College of Business Administration, School of Economic Development, Dr. Donna K. Fisher, Georgia Southern University, P. O. Box 8152, Statesboro, GA 30460, phone (912) 478-0533, email: [dkfisher@georgiasouthern.edu](mailto:dkfisher@georgiasouthern.edu) or [msae@georgiasouthern.edu](mailto:msae@georgiasouthern.edu), website: <http://coba.georgiasouthern.edu/msae.htm>

**Admission Requirements**

Admission into the Master of Science in Applied Economics program is competitive. To be considered for regular admission students must satisfy the following requirements:

1. Bachelor’s degree from an accredited college or university
2. Undergraduate GPA: minimum of 3.00 on a 4.00 point scale
3. Competitive GRE scores
4. Completed courses in calculus, statistics, intermediate macroeconomics, and intermediate microeconomics with a minimum grade of “C” in each course and a minimum GPA of 3.00 on a 4.00 scale in these courses
5. Completed ECON 7110 - Math for Applied Economics with a minimum grade of “C”

Students who apply by the deadlines below and meet the first four requirements will be conditionally admitted and given the opportunity to take Math for Applied Economics before beginning the program. The Math for Applied Economics requirement will be waived upon demonstration of current proficiency in algebra and calculus. Contact the Program Director for details. The GRE requirement may be waived at the discretion of the Program Director for applicants holding a graduate degree in a quantitative field.

**Provisional**

Applicants may be admitted on a provisional basis based upon the evaluation of their application materials. Provisional admission is for applicants who do not satisfy regular admission requirements or applicants who require prerequisite coursework prior to entering the program.

**Application Deadlines**

The deadline for completed applications for fall semester admissions is May 1st with decisions being made on or before June 1st. Applications for spring semester are due by October 1st with decisions being made on or before October 15th. Applications completed after the deadline will be considered at the discretion of the program director.

**Program of Study**

**Required Courses.....9 Hours**

- ECON 7131 - Microeconomics (3)
- ECON 7132 - Macroeconomics (3)
- ECON 7133 - International Economics (3)

**Concentrations.....9 Hours**

Select three of the following courses:

- ECON 7231 - Mathematical Economics (3)
- ECON 7232 - History of Economic Thought (3)
- ECON 7331 - Applied Econometrics I (3)
- ECON 7332 - Applied Econometrics II (3)
- ECON 7431 - Regional Economic Development (3)
- ECON 7432 - Financing Economic Development (3)
- ECON 7531 - Industrial Organization (3)
- ECON 7532 - Regulation and Antitrust (3)
- ECON 7631 - Advanced Financial Economics (3)
- ECON 7632 - Financial Economics and Risk (3)

## **BUSINESS ADMINISTRATION, M.B.A., 30 HOURS for General MBA, 36 HOURS for MBA with Area Concentration**

**Advising:** College of Business Administration, P.O. Box 8050, Statesboro, GA 30460-8050, or (912) 478-5767, email: mba@georgiasouthern.edu, Fax: (912) 478-7480. Website: <http://coba.georgiasouthern.edu/mba/>

### **MBA Mission Statement**

The mission of the Master of Business Administration at Georgia Southern University is to create organizational leaders with an understanding of global, ethical, and social issues.

Graduates of the program will have:

1. Functional knowledge of business and insight that can be applied from a management perspective to address cross disciplinary issues.
2. Analytical problem solving, decision making, and critical thinking skills that address managerial issues in uncertain environments.
3. The ability to synthesize knowledge to address existing and unforeseen issues.
4. A global perspective on organizational strategies.
5. A sense of social responsibility and an understanding of ethical standards.
6. The ability to use technology and manage information to adapt to changing conditions.
7. Teamwork, leadership, and communication skills.

### **Admission Requirements**

Admission to the MBA Program is competitive and decisions are made on a rolling-basis. This means that application packets are reviewed when they are complete and decisions are made shortly thereafter. Seats are filled as decisions are made, so candidates are encouraged to complete their applications as soon as possible.

The Program looks at a variety of criteria that measure the candidate's potential for being a successful graduate student and business leader. Factors used in determining admission include:

- Past academic performance
- Current Official GMAT score
- Professional work experience

### **Degree Student**

Students who are admitted to the College of Graduate Studies with the expressed intention of following a program leading to a graduate degree are classified as degree students. When admitted as a degree student, the applicant will be placed in one of the following categories:

#### **Regular Admission**

1. A prospective student must have a baccalaureate degree from an accredited College or University
2. Present official transcripts from all credit-granting institutions
3. Present a current official report of score from the Graduate Management Admissions Test (GMAT)
4. TOEFL scores are required for international applicants

Applicants may ask that the GMAT be waived under certain circumstances.

#### **Provisional Admission**

Applicants may be approved for provisional admission if all criteria are not met to gain regular admission. Provisional students must earn grades of "B" or higher on their first nine (9) hours of course work after admission and must meet any other stipulations outlined by the admissions committee to be converted to regular status.

### **Non-degree Student**

An applicant may be admitted to the College of Graduate Studies as a non-degree student to earn credit in graduate courses without working toward a degree. Admission as a non-degree student does not guarantee subsequent admission to a graduate degree program; that is a separate process, and different criteria must be met. Students who are admitted in a non-degree category may apply to a degree program at any time. Upon the advisor's recommendation, non-degree courses may be included in the graduate degree program of study should the student gain reclassification as a degree student. A student may be admitted to the College of Graduate Studies and in Business in one of the following admission categories:

#### **Enrichment**

An applicant who holds an undergraduate or graduate degree and desires to take business courses for personal or professional improvement may be admitted in this category. Enrollment in the Non-Degree Enrichment category is unlimited; however, a student may count a maximum of nine (9) semester hours of credit toward graduate degree program requirements if recommended by the degree Graduate Program Director and approved by the Dean of the College of Graduate Studies.

Once admitted under this classification, an acceptable GMAT score that qualifies the applicant for MBA degree admission must be submitted to the College of Graduate Studies by the completion of the third graduate level course in order to pursue the MBA degree program.

**Limited**

A student whose file is incomplete because certain required application materials have not been received in the Office of Graduate Admissions for degree admission consideration may be admitted in this category. Enrollment in the Non-Degree Limited category is limited to a maximum of nine (9) semester hours of credit in graduate courses in any seven contiguous years. A student may count a maximum of nine (9) semester hours of credit toward graduate degree program requirements if recommended by the degree Graduate Program Director and approved by the Dean of the College of Graduate Studies.

A student who has not taken the GMAT may be admitted under this classification provided that the overall undergraduate GPA is 3.25 or higher, or the upper-level (last 60 semester hours) GPA is 3.50 or higher. Once admitted under this classification, an acceptable GMAT score that would qualify the applicant for MBA degree admission must be submitted by the completion of the third graduate level course in order to continue with additional graduate courses. The requirement to make up deficiencies in the prerequisite courses is listed on the notification of acceptance as a condition of acceptance.

**Graduate Transfer or Transient Credit**

The College of Business Administration accepts graduate transfer or transient credit only from AACSB accredited programs not to exceed six (6) semester hours subject to review and approval by the COBA Graduate Curriculum and Programs Committee.

**MBA Program Requirements**

Requirements in the Program of Study leading to the Master of Business Administration depend on whether a student pursues a General MBA degree or an MBA degree with an area of concentration.

**Program of Study: General M.B.A. Degree**

A student admitted to the College of Graduate Studies as a prospective candidate for the Master of Business Administration degree must present evidence of satisfactory completion (a minimum grade of "C") of the following undergraduate course content in Business Administration. The prerequisite requirements for admission to the MBA program may be completed by taking the appropriate undergraduate courses from Georgia Southern or an equivalent course from any other accredited college or university.

<b>Core/Foundation/Prerequisites</b> .....	<b>15 Hours</b>
ACCT 2101 - Financial Accounting (3)	
BUSA 3131 - Business Statistics (3)	
CISM 2530 - Computer Applications (3)	
ECON 2106 - Business Economics (3)	
FINC 3131 - Principles of Corporate Finance (3)	
<b>General MBA Requirements</b> .....	<b>27 Hours</b>
ACCT 7230 - Accounting for Executives (3)	
BUSA 7130 - International Business (3)	
BUSA 7530 - Global Business Strategy (3)	
CISM 7330 - Information Technology Management (3)	
FINC 7231 - Financial Problems (3)	
MGNT 7330 - Leadership and Motivation (3)	
MGNT 7331 - Managerial Decision Analysis (3)	
MGNT 7430 - Management of Operations for Competitive Advantage (3)	
MKTG 7431 - Strategic Marketing Management (3)	
<b>MBA Elective</b> .....	<b>3 Hours</b>
Selected from 7000-level courses offered by the College of Business Administration or from approved electives offered elsewhere in the University.	

TOTAL: 30 Hours  
General MBA Degree

*NOTE: ALL ELECTIVE COURSES TAKEN FOR CREDIT TOWARD COMPLETION OF ANY MASTERS LEVEL DEGREE PROGRAM IN THE COLLEGE OF BUSINESS ADMINISTRATION MUST BE APPROVED BY HIS/HER ADVISOR AND MUST INCLUDE ONLY THOSE COURSES RESERVED EXCLUSIVELY FOR GRADUATE STUDENTS.*

**SPECIAL REQUIREMENT:** MGNT 7331 (MANAGERIAL DECISION ANALYSIS) MUST BE TAKEN DURING THE STUDENT'S FIRST SEMESTER OF 7000 LEVEL COURSE WORK.



## BUSINESS ADMINISTRATION M.B.A., 36 HOURS (With Area Concentration)

**Advising:** College of Business Administration, P.O. Box 8050, Statesboro, GA 30460, (912) 478-5767, FAX (912) 478-7480 or mba@georgiasouthern.edu.

**MBA Area Concentrations:**

Students may earn an area concentration in the following fields: Health Service Administration, Information Systems, and International Business. The requirements for each concentration are listed below. To earn an MBA with an area concentration, all MBA prerequisite courses must be completed before beginning 7000 level classes. Also, the “General MBA Requirements” described above must be part of the Program of Study.

- Health Service Administration Concentration .....36 Hours**
  - General MBA Requirements (27)
  - Concentration Requirements (9)
    - HSPM 7xxx - Choose three Health Services Policy Management courses (9)
- Information Systems Concentration .....36 Hours**
  - General MBA Requirements (27)
  - Concentration Requirements (9)
    - CISM 7xxx - Choose three Information Systems courses (9)
- International Business Concentration.....36 Hours**
  - General MBA Requirements (27)
  - Concentration Requirements (9)
    - Choose three courses from:
      - ECON 7133 - International Economics (3)
      - FINC 7232 - Global Finance (3)
      - MGNT 7334 - Global Management (3)
      - MKTG 7435 - Global Marketing (3)

# BUSINESS ADMINISTRATION, M.B.A., THE GEORGIA WebMBA®, 30 HOURS

**Advising:** College of Business Administration, P.O. Box 8050, Statesboro, GA 30460, (912) 478-5767, or [mba@georgiasouthern.edu](mailto:mba@georgiasouthern.edu).

The Georgia WebMBA® curriculum consists of 10 courses, plus a one (1) credit hour orientation. Associates are required to complete two courses each term for five consecutive terms. No electives are required. Convenient and affordable, the WebMBA® provides quality instruction in a Web-based virtual setting. You will work with top business professors from five University System of Georgia institutions.

Georgia Southern University considers the WebMBA® to be a full time program of six credit hours per semester. The program is “lock step.” Georgia Southern is among five schools listed in the U.S. News & World Report of online MBAs offered by regionally and professionally accredited business schools. The program is also listed with Business Week Online, World Wide Learn, and <http://www.geteducated.com/>.

## Admission Requirements

Admission occurs only for Fall and Spring semesters.

1. Complete the Graduate Admission Application Form at <http://cogs.georgiasouthern.edu/>.
2. A \$50.00 application fee is required.
3. Send an official transcript from all colleges and universities attended to:  
Georgia Southern University  
College of Graduate Studies  
Admissions Office  
P.O. Box 8113  
Statesboro, GA 30460-8113  
(912) 478-0587
4. Official GMAT score. Our school code is 5253. For more information about the GMAT, go to <http://www.gmac.com> and/or <http://www.mba.com/mba/TaketheGMAT>
5. Send your résumé.
6. Complete the Health Forms located at <http://services.georgiasouthern.edu/aux/departments/health>.
7. TOEFL score for only international students.

Admission to the WebMBA Program is competitive and decisions are made on a rolling-basis. This means that application packets are reviewed when they are complete and decisions are made shortly thereafter. Seats are filled as decisions are made, so candidates are encouraged to complete their applications as soon as possible.

The Program looks at a variety of criteria that measure the candidate's potential for being a successful graduate student and business leader. Factors used in determining admission include:

- Past academic performance
- Current Office GMAT score
- Professional work experience

## Prerequisite Requirements showing Undergraduate Equivalents

A prospective candidate must present evidence of satisfactory completion (a minimum grade of “C”) of the following undergraduate equivalent course content in Business Administration or take the graduate prerequisites or undergraduate equivalents before enrolling in 6000 level coursework. The prerequisite requirements may also be completed by taking a competency exam in each area on a pass/fail basis. Lists of recommended study materials for each area are available on request from the COBA MBA Office.

### Graduate Prerequisite Requirements

- Foundation to Business Statistics (3)  
*Georgia Southern equivalent is:*  
BUSA 3131 - Business Statistics (3)
- Foundations of Macroeconomics (3)  
*Georgia Southern equivalents are:*  
ECON 2106 - Business Economics (3)
- Foundations of Financial Accounting (3)  
*Georgia Southern equivalents are:*  
ACCT 2101 - Financial Accounting (3)
- Foundations of Corporate Finance (3)  
*Georgia Southern equivalent is:*  
FINC 3131 - Principles of Corporate Finance (3)

<b>WebMBA® Requirements</b> .....	<b>30 Hours</b>
WMBA 6000 - Human Behavior in Organizations (3)	
WMBA 6010 - Managerial Accounting (3)	
WMBA 6030 - Global and International Business (3)	
WMBA 6040 - Managerial Decision Analysis (3)	

WMBA 6050 - Strategic Marketing (3)  
WMBA 6060 - Managerial Finance (3)  
WMBA 6070 - Entrepreneurship (3)  
WMBA 6080 - Management Information Systems (3)  
WMBA 6100 - Productions and Operations Management (3)  
WMBA 6110 - Business Strategy (3)

## BUSINESS ADMINISTRATION M.B.A., 46 HOURS

### (Executive MBA with emphasis in Entrepreneurial Leadership)

**Advising:** MBA Office, P.O. Box 8050, Statesboro, GA 30460, (912) 478-5767, or [mba@georgiasouthern.edu](mailto:mba@georgiasouthern.edu).

The Executive MBA with an emphasis in Entrepreneurial Leadership (“EMBA Program”) is geared to mid to senior level professionals looking to advance their academic credentials. The EMBA Program curriculum consists of 16 courses and is designed as a lock-step cohort with one intake per year (Fall). EMBA students are required to participate in three in-person residencies with the remainder of the course content delivered through distance learning.

#### Admission Requirements

Admission occurs only for Fall semesters.

1. Complete the Graduate Admission Application Form at <http://cogs.georgiasouthern.edu/>.
2. A \$50.00 application fee is required.
3. Send an official transcript from all colleges and universities attended to:  
Georgia Southern University  
College of Graduate Studies  
Admissions Office  
P.O. Box 8113  
Statesboro, GA 30460-8113  
(912) 478-0587
4. Official GMAT score. Our school code is 5253. For more information about the GMAT, go to <http://www.gmac.com> and/or <http://www.mba.com/mba/TaketheGMAT>. Under certain circumstances, a waiver of the GMAT may be considered.
5. A copy of the applicant’s most recent resume
6. Two letters of recommendation
7. A Personal Statement which discusses the applicant’s future professional and personal goals and how the EMBA will contribute to the process.
8. Complete the Health Forms located at <http://services.georgiasouthern.edu/aux/departments/health>.
9. TOEFL score for only international students.
10. An interview may be required.

#### Admissions

Admission to the EMBA Program is competitive and decisions are made on a rolling-basis. This means that application packets are reviewed when they are complete and decisions are made shortly thereafter. Seats are filled as decisions are made, so candidates are encouraged to complete their applications as soon as possible. The EMBA Program looks at a variety of criteria that measure the candidate’s potential for being a successful graduate student and business leader. Factors used in determining admission include:

- Past academic performance
- Professional work experience
- Letters of recommendation
- Essay
- GMAT score

In order to be considered, a student must have a minimum of 5 years of professional work experience. Under certain circumstances, a GMAT waiver may be considered. For more information on the admissions process, please contact the MBA Program office at 912.478.5767.

#### Prerequisite Requirements

All incoming Executive MBA students must complete a suite of web-based modules prior to entrance into the Program. This requirement can be waived at the discretion of the MBA Director, with consent of the Graduate Programs and Curriculum Committee.

#### Graduate Transfer or Transient Credit

Given the lockstep cohort nature of the program, no graduate transfer or transient credit will be allowed. In extreme or extenuating circumstances, this provision may be waived at the discretion of the MBA Director.

#### Degree Student

Students who are admitted to the College of Graduate Studies with the expressed intention of following a program leading to a graduate degree are classified as degree students. When admitted as a degree student, the applicant will be placed in one of the following categories:

##### Regular Admission

1. A prospective student must have a baccalaureate degree from an accredited College or University
2. Present official transcripts from all credit-granting institutions
3. Present a current official report of score from the Graduate Management Admissions Test (GMAT)
4. TOEFL scores are required for international applicants

Applicants may ask that the GMAT be waived under certain circumstances.

**Provisional Admission**

Applicants may be approved for provisional admission if all criteria are not met to gain regular admission. Provisional students must earn grades of “B” or higher on their first nine (9) hours of course work after admission and must meet any other stipulations outlined by the admissions committee or MBA Director to be converted to regular status.

**Non-Degree Admission**

Due to the lockstep, cohort nature of the EMBA Program, admission will only be granted to students that are degree-seeking.

**Executive MBA Program Requirements .....46 Hours**

- EMBA 7030 - Information Technology Management (3)
- EMBA 7120 - Negotiations (2)
- EMBA 7130 - Financial Reporting and Analysis (3)
- EMBA 7132 - Legal and Ethical Issues in Business (3)
- EMBA 7230 - Managerial Decision Analysis (3)
- EMBA 7231 - Managerial Finance (3)
- EMBA 7232 - Management of Operations for Competitive Advantage (3)
- EMBA 7233 - Financial Modeling (3)
- EMBA 7330 - Managerial Economics (3)
- EMBA 7420 - Leadership, Motivation and Organizational Change (2)
- EMBA 7430 - Strategic Marketing Management (3)
- EMBA 7431 - Corporate Entrepreneurship (3)
- EMBA 7432 - Social Issues in Business (3)
- EMBA 7433 - Global Business Strategy (3)
- EMBA 7730 - Domestic Business Practicum (3) **OR** EMBA 7731 - International Experience (3)

*NOTE: Students are required to participate either in a domestic business practicum which will include a two-week residency or an international residency which will include a two week trip abroad.*

## BUSINESS ADMINISTRATION

### Ph.D., 60 HOURS

### (Logistics/Supply Chain Management)

**Advising:** Ph.D. Program, College of Business Administration, Georgia Southern University, P.O. Box 8154, Statesboro, GA 30460-8154, or (912) 478-2464, [phd@georgiasouthern.edu](mailto:phd@georgiasouthern.edu), Fax: (912) 478-1523.

#### Program Mission Statement

The program's intended outcomes are to provide students with:

1. Advanced understanding of the core areas of study within the field of supply chain management, including logistics and transportation
2. Advanced knowledge, skills, and values in at least one of the core areas (operations management, marketing, or information systems) for specialized roles within supply chain management
3. Advanced analytical and assessment skills
4. Advanced capability to develop, conduct, and manage applied research streams
5. Ethical decision-making and integrity
6. Professional and personal responsibility
7. Understanding of, and respect for, persons from diverse cultural, socioeconomic, educational, and professional backgrounds
8. Commitment to improving the economy, employment levels and competitiveness of the state of Georgia

#### Admission Requirements

Applicants to the PhD program must submit the following:

- Completed online graduate application form (<http://cogs.georgiasouthern.edu/future.students/prospectivestudents.htm>)
- \$50 application fee
- Official transcript(s) from colleges and universities attended, showing courses completed, grades earned, dates, and degree(s) awarded.
- Three letters of recommendation. At least one letter must be from a graduate school faculty member.
- Official score from the GMAT taken in the last five years. An original copy of the test score, sent by the testing agency to the Office of Admissions, is required before final action will be taken on an application. A copy of the score provided to the student and subsequently forwarded is not acceptable for final admission decisions. The GRE will only be considered in exceptional cases.
- All international applicants, including resident and nonresident aliens, whose native language is not English, are required to submit official TOEFL scores taken within the year immediately preceding the requested semester of admission. An original copy of the test score, sent by the testing agency to the Office of Admissions, is required before final action is taken on an application. A copy of the score provided to the student and subsequently forwarded is not acceptable. International students that have a degree from a US university may have this requirement waived;
- Statement of purpose that includes a description of professional goals and a rationale for how the Ph.D. program will further the student's career objectives.
- A current resume that includes, as a minimum, all academic programs, completed an employment history, and any professional certifications or other significant achievements and honors.
- Applicants whose submitted application packages merit closer consideration may be asked to participate in an interview and/or submit additional information before a final decision is reached concerning their acceptance.

Acceptance decisions will be made, subject to budgetary constraints, first within the College of Business Administration and ultimately at the College of Graduate Studies. After reviewing application materials, the Program Director may accept applicants who meet all of the following conditions:

- Successfully completed BBA or MBA from an AACSB-accredited program; a MBA is strongly preferred
- Scored at least a 550 on the GMAT or for exceptional cases where the GRE will be considered, the score must be above a 1200
- If English is not the applicant's native language, scored above 80 on TOEFL

The Program Director will submit all remaining applications, along with his/her recommendations, to the PhD Advisory Committee for their decision. Once a decision has been made within the College of Business Administration, the Program Director will forward all applications to the College of Graduate Studies for final disposition.

Accepted applicants who have not completed an AACSB-accredited MBA or an appropriately-accredited Master's Degree in a field closely related to Logistics/Supply Chain Management may be required to complete all specified prerequisite courses (or courses determined by the Program Director to be equivalent) with grades of "C" or better before taking appropriate doctoral-level courses.

Applicants who wish to apply for a graduate assistantship must also complete the Electronic Graduate Assistantship Application (<http://cogs.georgiasouthern.edu/future.students/prospectivestudents.htm>) and submit it to the Jack N. Averitt College of Graduate Studies.

#### Program Requirements

##### Graduate Transient / Transfer Credit:

The College of Business Administration accepts graduate transient / transfer credit only from AACSB accredited programs. A maximum of two courses not to exceed six (6) semester hours may be considered for graduate transient / transfer credit.

##### Coursework:

Students will be required to complete the courses specified in the Program of Study shown below with an overall GPA of 3.0 or better. One time only, a student may receive a grade of "C", but will be required to re-take the course and earn a "B" or better and will also have to still achieve a cumulative GPA of 3.0 by the time they've completed their coursework. More than one "C" or any grade lower than a "C" will be grounds for elimination from the program. Any prerequisite courses must be completed within one calendar year of the student's acceptance into the program. All required coursework (i.e. core, research, and concentration courses) must be completed within three years of the time the student enters the program or completes prerequisite coursework, whichever is later. (Students in violation of policies on grades or time limits may submit a written appeal to the PhD Advisory Committee via the Program Director, explaining why they believe their situation merits an exception to the policy.)

**Practicum:**

The program requires three semester hours of teaching/research practicum, designed to prepare students for a career in the academy or in industry. Those pursuing an academic career will have a teaching-focused practicum. Those preferring a career in industry will focus on procedures for identifying problems and recommending solutions centered on industry issues. The Program Director will specify the timing and nature of activities to be accomplished for each student, in consideration of their career aspirations. At the completion of each practicum, the student will submit a self-assessment to the Program Director. The Director will solicit feedback from faculty or industry members in a position to observe the student's performance. The Director will synthesize these inputs as a basis for written feedback to the student, specifying both strengths and areas needing improvement. This feedback will include recommended development activities for each area needing improvement.

**Comprehensive examinations:**

Students will be required to pass one or more comprehensive examinations covering all coursework specified in the Program of Study before they may begin any dissertation activities (to include formation of the committee). The Program Director will be responsible for the creation, administration, and evaluation of these exams, although he/she may delegate associated tasks to other faculty members. At the discretion of the Program Director, all coursework may be covered by a single comprehensive exam or up to three separate exams may be given for the categories of core courses, research courses, and concentration courses, as differentiated in the Program of Study. Comprehensive exams may include both written and oral components and will be evaluated on a Pass/Fail basis. The Program Director will notify students in writing of whether they have passed and, if not, what areas require further study. Students may re-take any comprehensive exam once, if needed. Failure to pass any comprehensive exam after two attempts will result in termination of the student's enrollment in the program. When a student has completed all required comprehensive exams, he/she will be considered a candidate for the Ph.D.

**Dissertation:**

Following successful completion of all required comprehensive exams, candidates will formulate an appropriate dissertation topic that is likely to produce high-quality research publications. The candidate will then contact potential committee members to ascertain their suitability and willingness to serve on a Dissertation Committee for that topic. (The size and composition of the committee, as well as eligibility requirements for committee chairs and members will be defined in a COBA Policy statement that is consistent with the College of Graduate Studies dissertation committee and appointment policy and will be made available to candidates by the Program Director no later than the time they are notified of having passed their comprehensive exams.) As soon as verbal commitments have been obtained, the candidate will submit the proposed dissertation topic and committee composition in writing to the Program Director. The Director will review the proposal for compliance with program and college policies, inform the student of any needed changes, and ultimately approve the proposal. Students must register for LOGT 9999, Dissertation credit during each semester the dissertation is in progress, earning a minimum of 18 semester hours of Dissertation credit by the end of their program. Furthermore, the students must register continuously in LOGT 9999 until the Dissertation is successfully defended. As soon as the Dissertation Committee Chair considers the intended research to be sufficiently developed, the student will conduct a formal defense of his/her dissertation proposal, supported by substantial preliminary research. As a minimum, the proposal will include a detailed description of the proposed research objectives, methodology, and value. It must also include a thorough literature review showing how the proposal relates to previously published research and a timeline for the project's completion. The Committee chair will notify the candidate in writing of the committee's assessment, to include any changes or additional tasks that need to be accomplished and whether another proposal defense will be needed. No earlier than the following semester and no later than two years from the semester in which the proposal was successfully defended, the candidate must conduct a formal defense of the completed dissertation. The Committee chair will notify the candidate in writing of whether the final defense was successful and what additional actions the Committee requires (to include the possibility of another formal defense). The candidate is responsible for submitting the completed dissertation in electronic format style consistent with that required by the College of Business Administration dissertation publication and consistent with the required College of Graduate Studies front-matter style per the College of Graduate Studies Electronic Thesis and Dissertation (ETD) policy.

**Leave of Absence:**

If it is necessary to interrupt progress toward the degree, the student may petition for a non medical leave of absence of up to one year. The petition must be submitted at least one month before the effective date of leave. The major professor, the department chair, and the Dean of the College of Graduate Studies must grant approval. The COGS Dean will establish the conditions of the leave. An extension of a leave of absence beyond one year may be granted by the Dean of the College of Graduate Studies upon recommendation of the student's dissertation committee. Students approved for a leave of absence are not required to be registered during the approved leave period and the leave time does not count in the degree time limit. Students seeking a Medical Leave of Absence may apply for Medical Leave as outlined under "Medical Leave". For full Leave of Absence information refer to the Doctoral Degree Program Requirements section of the Graduate college catalog.

**Time Limits:**

- Completion of all prerequisite coursework must be completed no later than one year from acceptance into program
- Completion of all required coursework beyond prerequisites (i.e. core, research, and concentration courses) must be completed no later than three years from acceptance into program or completion of prerequisite coursework, whichever is later
- Successful completion of comprehensive exam(s) must be completed no later than two semesters from completion of required coursework
- Approval of dissertation topic and committee must be completed no later than two semesters from completion of comprehensive exams
- Successful defense of dissertation proposal must be completed no later than two semesters from topic/committee approval or three semesters from completion of comprehensive exams, whichever is sooner
- Successful final defense of dissertation must be completed no later than two years from successful proposal defense
- Satisfaction of all requirements for submission of completed dissertation must be completed no later than one semester from successful final dissertation defense
- Completion of all program requirements, to include coursework, practicum, and dissertation must be completed no later than seven years from beginning of required coursework beyond prerequisites

**NOTES:**

1. Students in violation of policies on grades or time limits may submit a written appeal to the PhD Advisory Committee via the Program Director, explaining why they believe their situation merits an exception to the policy.
2. Enrollment and participation are expected to be continuous from a student's acceptance into the program. A student who needs to be excused from enrollment for one semester due to unusual circumstances should submit a written request and explanation to the Program Director. The Director may grant one such excusal, but anything more will require consideration by the COBA Graduate Curriculum and Programs Committee.

**Annual Reviews:**

At the conclusion of each Spring semester, the Program Director will solicit feedback from all faculty who've had any significant professional interaction with any of the program's students during the preceding year. Combining this feedback with his/her direct observations, the Director will accomplish a written review of each student's performance during the preceding year. The review will culminate with a recommendation as to whether the student should be retained in the program. Students will be given the option of offering a written response within three work days. If, after considering any written response, the Program Director still believes a student should be eliminated from the program, he/she will submit the recommendation (with all supporting materials) for a decision by the PhD Advisory Committee. At the same time, the Director will submit key data for all students enrolled in the program to that committee for review. As a minimum, the data for each student will include a list of all courses taken, all grades earned, and the start and completion date for each major stage of the program, i.e. prerequisite coursework, required coursework, comprehensive exams, dissertation topic/committee approval, proposal defense, final defense, and submission of completed dissertation. Based on this data, the Director will ask the committee to consider the elimination of all students in violation of any program policy on grades or time limits, including any appeals submitted by those students.

**Program of Study: Ph.D. in Logistics/Supply Chain Management Degree**

A student admitted to the College of Graduate Studies as a prospective candidate for the Ph.D. in Logistics/Supply Chain Management degree must present evidence of satisfactory completion (a grade of "C" or better) of the following "Prerequisite" course content in Business Administration or take the graduate equivalents:

<b>Prerequisites</b> .....	<b>12 Hours</b>
CISM 7330 - Information Technology Management (3)	
MGNT 7331 - Managerial Decision Analysis (3)	
MGNT 7430 - Management of Operations for a Competitive Advantage (3)	
MKTG 7431 - Strategic Marketing Management (3)	
<b>Core Courses</b> .....	<b>15 Hours</b>
LOGT 9131 - Introduction to Logistics and Transportation (3)	
LOGT 9632 - Logistics and Transportation Modeling (3)	
LOGT 9633 - Logistics Literature and Research Criticism (3)	
LOGT 9634 - Current Supply Chain Thought (3)	
MGNT 9631 - Operations, Procurement and Sourcing Strategies (3)	
<b>Research Courses</b> .....	<b>15 Hours</b>
BUSA 9031 - Seminar on Scientific Method, Theory, and Philosophy of Science (3)	
BUSA 9331 - Business Research Methods (3)	
BUSA 9332 - Applied Multivariate Methods for Business Research (3)	
BUSA 9333 - Advanced Multivariate Methods for Business (3)	
BUSA 9334 - Qualitative Research Methods in Business (3)	
<b>Research and Teaching Practicum</b> .....	<b>21 Hours</b>
LOGT 9737 - Logistics and Transportation Teaching Practicum (3)	
LOGT 9999 - Dissertation (a minimum of 18 total hours)	
<b>SCM Concentration Areas</b> .....	<b>9 Hours</b>

The required hours may be taken from the courses specified for one of the following concentration areas or by some combination of courses from more than one area, with the approval of the Program Director.

Information Systems



- CISM 9630- Information Systems Theories and Research (3)
- CISM 9631 - Seminar in Supply Chain Information Systems (3)
- CISM 9632 - Enterprise Information Systems Theories and Practice (3)

Operations Management

- MGNT 9661 - Readings in Total Quality Management (3)
- MGNT 9662 - Production Planning (3)
- MGNT 9663 - Inventory Control Systems (3)

Marketing

- MKTG 9671 - Promotion Seminar (3)
- MKTG 9672 - Marketing Strategy Seminar (3)
- MKTG 9673 - Buyer Behavior (3)
- MKTG 9674 - Global Marketing Theory and Application (3)
- MKTG 9675 - Professional Sales and Sales Management (3)

# ENTERPRISE RESOURCES PLANNING (ERP) CERTIFICATE PROGRAM 15 HOURS (Online)

**Advising:** Department of Information Systems, Georgia Southern University, P.O. Box 7998, Statesboro, GA 30460, (912) 478-4747, FAX: (912) 478-7751.

**Program**

The ERP Certificate program consists of five 3-credit hour graduate-level CISM courses, all of which will be delivered online. Students completing the ERP Certificate Program have the opportunity to attend a TERP10-SAP Academy on campus.

The ERP Certificate program is a lock-step program and admitted students are assigned to a cohort for which there will be prescribed courses. Students in the ERP Certificate program who enter other graduate programs at the university, such as the MBA, MAcc, and MS in Applied Engineering may be able to use some or all of the ERP Certificate courses to satisfy degree requirements.

The ERP Certificate Program focuses on the knowledge and skills students need for careers in organizations that rely on ERP systems to support key business processes. Students in the program will receive a solid, applied enterprise systems educational experience and will exit the program with a realistic overview of ERP systems and hands-on experience using SAP.

The ERP Certificate program is also designed to assist students preparing for and passing SAP’s TERP10 certification exam. Students who pass the certification test will be listed in SAP’s database of certified business practitioners. The TERP10 certification is recognized worldwide and a continuing global shortage of skilled SAP workers will enable students who earn the ERP Certificate to compete for a wide range of jobs.

**Admission Requirements**

Admission to the ERP Certificate program is competitive. The ERP Certificate program’s admission committee reviews applications on an individual basis looking at both the quantitative and qualitative aspects of the applicant’s academic background and professional experience (if applicable). The committee seeks to assess each applicant’s potential for academic success in an online graduate program based on the following:

1. Admission to the Georgia Southern University College of Graduate Studies as a Non-Degree Certificate student. This requires the following:
  - a. Completion of a Bachelor’s degree or equivalent from a college accredited by the proper regional association with a 2.7 (4.0 scale) cumulative grade point average or higher on undergraduate work.
  - b. Official copies of all undergraduate and graduate, if appropriate, transcripts.
  - c. An updated resume that includes the following: a) Work history, b) Education history, c) Professional experiences related to the academic program, and d) Contact information for a minimum of three references.
  - d. A personal statement that includes a description of career goals and reasons for applying to the graduate ERP Certificate program.
  - e. Students whose first language is not English and who have not studied extensively in English must submit official TOEFL scores. TOEFL scores of at least 80 (internet-based), 213 (computer-based), or 550 (paper-based) are required for admission to the ERP Certificate program. TOEFL scores must be sent directly from the Educational Testing Service (ETS) to Georgia Southern University.
  - f. Students who are not U.S. citizens must provide a photocopy of their VISA or permanent resident alien cards and satisfy all other admission requirements specified by COGS for international students.
  - g. Students interested in applying course credit earned while completing the ERP Certificate toward the requirements for an MBA, MAcc, or MS in Applied Engineering degree must also satisfy the admission requirements for that degree program.

*NOTE: Contact the Office of Graduate Admissions for other admission related information.*

**Admission Appeals**

Students who wish to appeal an admission decision must follow the College of Graduate Studies appeal procedures.

**Graduate Transfer of Transient Credit**

Due to the lock-step nature of the program, credit will not be granted for courses taken outside of the ERP Certificate program.

**Program of Study**

**Prerequisites**

Students accepted to the program must have previous accounting experience or related coursework. Prospective students without accounting experience or related coursework can take ACCT 6130 - Accounting and Control or its undergraduate equivalent, ACCT 2030 - Survey of Accounting, prior to Fall Semester.

**Course requirements .....15 Hours**

CISM 7231 - ERP Business Process Analysis Using SAP (3)

CISM 7331 - Enterprise Systems Analysis (3)

CISM 7335 - Business Intelligence and Performance Management Systems (3)

CISM 7339 - ERP Certification Review (3)

One of the following Prescribed Electives will be scheduled for each cohort:

CISM 7235 - ERP Web Portal Customization (3)

CISM 7336 - Enterprise Information Systems (3)

# College of Education

Dean: Thomas R. Koballa, Jr.  
1100 College of Education Building  
P. O. Box 8013  
(912) 478-5648  
FAX: (912) 478-5093  
tkoballa@georgiasouthern.edu

Associate Dean for Graduate Education and Research: Tracy Linderholm  
1100 College of Education Building  
P. O. Box 8013  
(912) 478-5648  
FAX: (912) 478-5093  
tlinderholm@georgiasouthern.edu

Associate Dean for Undergraduate, Teacher Education and Accreditation: Deborah Thomas  
1103 College of Education Building  
P. O. Box 8133  
(912) 478-5247  
FAX: (912) 478-1068  
debthom@georgiasouthern.edu

## 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, skills 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.

## GRADUATE PROGRAM APPROVAL AND UNIT ACCREDITATION

The College of Education offers graduate programs to prepare its students for work in public education, in community agencies, and in higher 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; the counselor education program is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP); and the school psychology program has National Association of School Psychologists (NASP) approval-full (national recognition).

### Programs - Graduate

Curriculum and Instruction - Accomplished Teaching - M.Ed. - Online  
 Counselor Education - M.Ed., Ed.S.  
     Clinical Mental Health Counseling  
     School Counseling  
     Student Services in Higher Education  
 Curriculum Studies - Ed.D.  
     Advanced Curriculum Studies  
     Advanced Pedagogy  
 Early Childhood Education - M.Ed., Ed.S. - Online  
 Educational Leadership - Ed.D.  
     Higher Education Leadership  
     P-12 Educational Leadership  
 Educational Leadership - M.Ed. - Online  
 Educational Leadership - Ed.S.  
     School Administration  
 Higher Education Administration - M.Ed. - Online Option  
 Instructional Technology - M.Ed. - Online  
     School Library Media Specialist  
     Instructional Technology  
     Dual Certification in School Media and Instructional Technology  
 Instructional Technology - Ed.S. - Online  
     School Library Media Specialist  
     Instructional Technology  
 Master of Arts in Teaching - M.A.T.  
     Middle Grades Education  
     P-12 Education with Teaching Field in Spanish  
     Secondary Education with Teaching Field in Biology, Broad Fields Science, Business, Chemistry, Economics, English, Family and Consumer Sciences, Geography, History, Mathematics, Physics, or Political Science  
     Special Education - Online  
 Middle Grades Education - M.Ed., Ed.S. - Online  
     Middle Grades Language Arts, Middle Grades Mathematics, Middle Grades Reading, Middle Grades Science, or Middle Grades Social Studies  
 Reading Education - M.Ed., Ed.S. - Online  
 School Psychology - Ed.S. with Interim M.Ed.  
 Secondary Education (Grades 6-12) - M.Ed., Ed.S. - Online

Biology Education, Broad Fields Science Education, Business Education, Chemistry Education, Economics Education, English Education, Geography Education, History Education, Mathematics Education, Physics Education, or Political Science Education  
 Special Education - M.Ed., Ed.S. - Online  
     Moderate-Severe Disabilities - Adaptive Curriculum  
     Mild Disabilities - General Curriculum

### Programs - Endorsement

English for Speakers of Other Languages (ESOL)  
 Online Teaching and Learning - Online  
 Reading: Classroom Teacher of Reading - Online

### Graduate Advisement

Students in M.A.T., M.Ed., Ed.S., and Ed.D. programs are assigned to faculty advisors or professional advisors in the Graduate Academic Services Center. Advisement takes place in the advisor's office or by telephone, mail, or e-mail, as appropriate. 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 before the completion of 12 semester hours. Students should also consult their graduate advisor for information on any exit comprehensive assessment (if required) for the M.Ed. or Ed.S. program. Note: **If seeking initial teaching certification as a non-degree or a M.A.T. candidate**, a transcript evaluation should be completed by the College's Student Success Center. Once transcripts are evaluated, a faculty advisor will be assigned.

### Teacher Education Program

Students seeking initial certification as non-degree/M.A.T. students must meet admission requirements for the Teacher Education Program. Criteria for retention in the program must also be met, as well as specific program requirements and Student Teaching/Internship 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 the M.A.T. degree or related non-degree program that leads to initial teacher certification. (See the Undergraduate Catalog for undergraduate TEP requirements.) M.A.T. or non-degree certification students must make formal application for admission into the Teacher Education Program which includes a TEP admissions folio review during Step One of the program. Also, during Step One of the M.A.T. program, students begin using an electronic assessment and data management system (TaskStream). This system supports the monitoring and assessment of students' progress through the TEP.

In order to be admitted into the Teacher Education Program (TEP), a **graduate student** must have:

1. Earned a minimum cumulative GPA of 2.50 or better on all previously attempted coursework.
2. Earned a total adjusted GPA of 2.75 or higher on all teaching field course work.

3. Completed English composition and college algebra courses (or equivalents) with a minimum grade of "C."
4. Successfully completed the GACE Basic Skills Assessment examination or be exempted by SAT/ACT/GRE scores.
5. Successfully completed the appropriate GACE Content Assessment examination. (Not required for MAT Concentration in Special Education.)
6. Successfully completed the TEP Admissions Folio Review during Step One of the program.
7. Earned a passing evaluation on TEP Admissions field experience rubrics during Step One of the program. Any student who does not successfully complete the field component of the required course(s) may apply through the COE graduate studies 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.
8. Successful completion of writing sample and interview, if applicable (see Transfer Student Plan available from the College of Education's Student Success Center.)
9. Submitted proof of liability insurance.
10. Completed a criminal background check.
11. 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 a cumulative GPA of 3.0 or higher, in the MAT program.
2. Students must earn a minimum grade of "C" in all professional education and all teaching field course work.
3. Students must successfully complete all field experiences.
4. 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.
5. 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.
6. 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.
7. Students must maintain liability insurance.
8. 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 "Withdrawal without academic 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/Internship**

In the Teacher Education Program, Student Teaching is required in all teacher preparation programs at the undergraduate level and either Student Teaching or Internship at the graduate level. In order to participate in the Student Teaching/Internship 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 or Internship no later than one semester prior to the school year in which registration for the course occurs.
4. Meet admission requirements for Student Teaching/Internship 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/Internship.
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. For undergraduate programs, take the GACE Content Assessment examination.
11. Complete a criminal background check.

### Student Teaching/Internship Placements

All student teachers/interns 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, Wayne and Vidalia City.

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.

### Internships

Some graduate programs (in addition to initial teacher certification programs) require extensive field experience through internships as a program requirement. The student's faculty advisor arranges the internship in cooperation with the student and local school systems/agencies. For students enrolled in an initial teacher certification program at the graduate level, application for internships must be submitted to the Department of Teaching and Learning. Students who are required to participate in internships or other field experiences as part of their graduate program are required to complete a criminal background check on admission to the program and before commencing the internship. Students will not be required to undergo a criminal background check more than once every two years.

### Certification

The programs offered by the College of Education at the graduate level are designed to prepare teachers and other school personnel for certification in the State of Georgia. Types of certificates include the Georgia Level Four (bachelors degree), Five (masters degree), Six (education specialist degree), and Seven (doctoral degree) certificates. The College of Education, in accordance with the Georgia Professional Standards Commission, provides courses for individuals who wish to reinstate expired certificates, add fields, and update certificates. For individuals who hold a bachelor's degree, initial teaching certification may be obtained through the Master of Arts in Teaching (M.A.T.) program or similar non-degree graduate programs of study, except for the fields of Early Childhood Education (grades P-5), Health and Physical Education (grades P-12), or Music Education (grades P-12) which must be completed 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, service, or leadership 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. The M.A.T. and non-degree options are available for those in Middle Grades Education, Special Education, and Secondary Education fields (biology, broad fields science, business, chemistry, economics, English, family and consumer sciences, history, geography, mathematics, physics, and political science), and a P-12 Education field (Spanish education). 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. (See undergraduate program descriptions in the Undergraduate Catalog.) For M.A.T. and all non-degree program 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. If a graduate degree is sought, all admission requirements for the graduate program must also be met and admission granted prior to entering Step Two of the program. See the College of Education's graduate programs section of this catalog for further information on these program options.

Candidates in an alternative certification program (degree or non-degree) must be admitted to the Teacher Education Program (TEP) by the end of Step One, prior to enrolling in Step Two of the program of study. For non-degree candidates who seek to enter the M.A.T. program, GRE or MAT test scores must be submitted and admission granted into the M.A.T. degree program before enrolling in Step Two. Any M.A.T. program application submitted by a candidate who is enrolled under non-degree status will not be considered for admission once the candidate enrolls in Step Two courses.

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. Candidates for the M.A.T. or a graduate non-degree program are advised by graduate program faculty assigned at the time of admission.

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](mailto:cjthomp@georgiasouthern.edu)

(912) 478-0698

FAX: (912) 478-5514

<http://coe.georgiasouthern.edu/advisement/>

# College of Education Programs

## Admission and Retention in College of Education Programs

A student must be admitted to the graduate degree program for which he/she intends to earn a degree by the completion of half of the required program course work. Any courses taken beyond that point will not apply to the degree program.

In order to be admitted in a graduate education program, a student must:

1. Meet all admission criteria as identified for the specific graduate program (degree and non-degree).
2. Complete a criminal background check.
3. Disclose any previous misconduct or professional ethics violations—must not have a warning, reprimand, suspension, denial, or revocation statement in the educator's certification file.
4. Acknowledge that the Georgia Professional Standards Commission's (PSC) Code of Ethics for Educators has been reviewed and that the applicant will adhere to those standards.
5. Confirm that he/she holds tort liability insurance coverage.

Prior to a structured field placement (i.e., an internship, practicum, and on-going experience that is more than a one-time classroom project), a graduate student must:

1. Meet all admission and retention requirements for the graduate education program, including GPA requirements.
2. Have a disciplinary record clear of any actions which might be a detriment to placement and successful performance in a school or other educational/community agency internship setting.
3. Disclose any previous misconduct or professional ethics violations or any pending professional ethics violations (e.g., pending PSC investigations).
4. Exhibit appropriate mental, emotional, and physical health skills and capabilities needed to meet the expectations of the profession.
5. Confirm that he/she continues to hold tort liability insurance coverage.
6. Complete a criminal background recheck. Please be aware that if a criminal background check (or recheck) shows a pending criminal charge or a criminal conviction, this may prevent you from receiving a field placement.
7. Participate in any required orientation activities for the internship.

All of the following requirements must be met for retention in a graduate education program:

1. Maintain required GPA.
2. Successfully complete all key assessments required by the program.
3. Successfully complete all field experiences required by the program.
4. Maintain an active account with the College of Education's electronic assessment and data management system while enrolled as a graduate student.
5. Successfully complete all requirements specified by the program and be making satisfactory progress toward achieving program outcomes. Programs will be responsible for monitoring student progress and providing guidance to students who may be having difficulty meeting retention requirements.

6. Must not have violated the Georgia Professional Standards Commission's Code of Ethics for Professional Educators. Must not have a past reprimand, monitoring, or warning statement in the educator's certification file. Failure to report any violation of state or federal law to the Professional Standards Commission within 90 days is grounds for exclusion from a program.
7. Must not have been found in violation of the Georgia Southern University 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.
8. Maintain liability insurance.
9. Students who are required to participate in structured field placements as part of their graduate program are required to complete a criminal background recheck on admission to the program and before commencing the structured field placement. Students will be required to undergo a criminal background recheck once every two years but will not be required to perform a background recheck more than one time per year if their program requires multiple structured field placements.
10. Meet all retention criteria established by the College of Graduate Studies.

## Master of Education Programs

Master of Education (M.Ed.) degree programs are offered in eleven areas of study. A student admitted to the College of Graduate Studies as a prospective candidate for the M.Ed. degree must satisfactorily complete a planned Program of Study of at least 36 semester hours, including a minimum of 6-9 hours in the professional education Core and a minimum of 15 hours in the content field of the major. Since programs of study in all certificated areas are planned to enable students to meet the requirements of the Georgia Professional Standards Commission as specified in Georgia Southern's "approved programs," it is critical that students meet with their advisors early in their course work to plan an appropriate Program of Study. The development of the Program of Study expedites the registration process and ensures that all course work may be applied toward fulfilling degree requirements. Upon successful completion of the Program of Study, graduates in certification programs will be recommended for the appropriate Georgia Level Five Professional Certificate.

M.Ed. programs of study must include at least 50% of level 6000, 7000 and 8000 courses. Students and their advisors are strongly encouraged not to include more than one 5000G-5999G level course in the Program of Study.

## Admission to M.Ed. Programs

### Regular Admission

For regular admission to the College of Graduate Studies to pursue the Master of Education degree, the applicant must:

1. Possess a bachelor's degree from a regionally accredited institution.
2. Satisfy program requirements for certification. Select programs require that those admitted possess or be eligible for a Professional Level Four Certificate or equivalent in the teaching field or a related field. Refer to program admission requirements in the catalog.
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.

4. Present official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Examination (GRE). For USG franchise program applicants who hold clear, renewable certification in a teaching, service or leadership field, while GRE or MAT scores are acceptable, these applicants may instead submit passing Georgia scores on the GACE or PRAXIS content exam and will be evaluated at the end of the first 9 hours of study in terms of GPA and key assessments.
5. Submit a personal statement of purpose, not to exceed 250 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.
7. NOTE: Some programs, including Counselor Education and School Psychology programs, have additional admissions requirements; refer to programs for specific information.

#### **Provisional Admission**

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### **Alternative Teacher Certification Programs**

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 interested in acquiring initial teacher certification in the fields of Middle Grades Education, Special Education, Secondary Education fields (biology, broad fields science, business, chemistry, economics, English, family and consumer sciences, history, geography, mathematics, physics, and political science), and a P-12 Education field (Spanish education). An undergraduate post-baccalaureate option is available for those interested in acquiring initial teacher certification in the areas of Early Childhood Education, Health and Physical Education, or Music Education. (See Undergraduate Catalog for more information.) A bachelor's degree is required for admission into an alternative teacher certification program and, in most cases, must be in a discipline related to the teaching field.

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

The Master of Arts in Teaching (M.A.T.) degree program leads to initial teacher certification as well as the master's degree and is available for those in Middle Grades Education, Special Education, Secondary Education fields (biology, broad fields science, business, chemistry, economics, English, family and consumer sciences, history, geography, mathematics, physics, and political science), and a P-12 Education field (Spanish education).

For admission to the M.A.T., students must have their transcripts evaluated by Georgia Southern University's Certification Coordinator and they must meet all Teacher Education Program (TEP) admission and retention requirements, including an overall GPA of 2.50 or higher over 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.

Students in the M.A.T. program are assigned a faculty advisor in the Department of Teaching and Learning.

Candidates in the graduate alternative certification program (M.A.T degree or non-degree) must be admitted to the Teacher Education Program (TEP) by the end of Step One, prior to enrolling in Step Two of the program of study. For non-degree candidates who seek to enter the M.A.T. program, GRE or MAT test scores must be submitted and admission granted into the M.A.T. degree program before enrolling in Step Two. Any M.A.T. program application submitted by a candidate who is enrolled under non-degree status will not be considered for M.A.T. admission once the candidate enrolls in Step Two courses.

#### **Admission to M.A.T. Program**

##### **Regular**

1. Hold a bachelor's degree from a regionally accredited institution.
2. Present a transcript evaluation by the College of Education's Director of Advisement and Certification, and completion of specified prerequisite content course work.
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
4. Present a total adjusted GPA of 2.75 or higher on all teaching field course work.
5. Present an official report of scores on the Miller Analogies Test (MAT) or the verbal, qualitative, and analytical writing sections of the Graduate Record Exam (GRE).
6. Submit passing scores on the GACE Basic Skills Assessment exam or be exempt by acceptable SAT, ACT, or GRE scores.
7. Submit a passing score on the GACE Content Assessment exam in the area for which one is seeking certification. (Not required for the MAT in Special Education.)
8. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
9. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

##### **Provisional**

Applicants may be approved for Provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first 9 hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

##### **Non-Degree Initial Teacher Certification Programs**

Non-degree initial certification programs are available in all teaching fields, including Early Childhood Education, Middle Grades Education, Secondary Education fields, P-12 certification fields (Spanish, Health and Physical Education, and Music), and Special Education. The non-degree program option is designed for those who do not wish to pursue a master's degree. For

middle grades education, special education, and secondary and P-12 fields, the graduate non-degree initial certification programs are similar to the M.A.T. program and students will enroll with graduate admission. For early childhood education, health and physical education, or music education, the non-degree programs mirror undergraduate teacher preparation programs and students will enroll with post-baccalaureate admission. (See Undergraduate Catalog for more information.) Non-degree initial certification students must be admitted for graduate study as a Non-degree Teaching/Service/Leadership student (test scores are not required). All students seeking initial teaching certification must meet all TEP admission requirements. A transcript evaluation by the Director of the Student Success Center and Certification identifies the program of study required in order to meet initial certification requirements for the desired field.

Note: Initial certification in non-teaching fields such as Counselor Education and Instructional Technology require completion of the master's degree; Educational Leadership and School Psychology require completion of the Education Specialist's degree. Initial certification in Counselor Education and School Psychology cannot be completed as non-degree study. To pursue certification in Educational Leadership as a non-degree student, the applicant must possess at entry an Education Specialist's degree in any field and meet all admission criteria for the Education Specialist in Educational Leadership program. To pursue certification in Instructional Technology as a non-degree student, the applicant must possess a master's degree at entry and meet all other admission criteria for the Master of Education in Instructional Technology program.

### Non-Degree Graduate Studies

For non-degree admission to graduate education programs for those interested in professional development, certification renewal, or an endorsement to an existing certificate, students must be admitted to graduate study as a non-degree student. For non-degree admission to the College of Graduate Studies, the applicant must:

1. Possess a bachelor's degree from a regionally accredited institution.
2. Possess or be eligible for certification as prescribed by the specific program.
3. Present a cumulative 2.5 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.

Note: Initial certification in non-teaching fields such as Counselor Education and Instructional Technology require completion of the master's degree; Educational Leadership and School Psychology require completion of the education specialist's degree. Initial certification in Counselor Education and School Psychology cannot be completed as non-degree study. To pursue certification in Educational Leadership as a non-degree student, the applicant must possess at entry an education specialist's degree in any field and meet all admission criteria for the Education Specialist in Educational Leadership program. To pursue certification in Instructional Technology as a non-degree student, the applicant must possess a Master's degree at entry and meet all other admission criteria for the Master of Education in Instructional Technology program.

### Endorsements

Endorsement programs are available in the areas of: English for Speakers of Other Languages (ESOL), K-5 Mathematics, Online Teaching and Learning, and Reading. Endorsement programs

can be completed as non-degree course work or, as appropriate and with advisor approval, included in a degree program of study. These endorsements may be added to a professional certificate in teaching, service, and leadership fields. See the endorsement programs at the end of the College of Education Graduate Section for specific admissions and course requirements that pertain to each individual program. Note that to complete an endorsement, students in all endorsement programs are required to complete an admission application through the Graduate Admissions Office.

### Education Specialist Programs

The Education Specialist (Ed.S.) degree is a unique professional degree for educators that is designed to provide the opportunity to develop a high level of proficiency in the field of study as well as develop research and leadership skills. Ed.S. degree programs are offered in nine areas of study. Programs of study leading to the Ed.S. degree enable students to meet certification requirements for the Georgia Professional Standards Commission as specified in Georgia Southern's "approved programs." Upon successful completion of the program, graduates are eligible for the appropriate Level Six Professional Certificate.

The Ed.S. degree requires a Program of Study that includes a minimum of 30 semester hours of course work with at least a "B" average. The Program of Study must include a research sequence of nine to twelve semester hours, including EDUR 8131, EDUR 8434, and a directed field-based research course in the field of study, and a minimum of 12 hours in the major. Upon admission into the Ed.S. program, the student is responsible for meeting with the assigned graduate advisor. Collaboratively an individualized Program of Study should be developed that meets degree requirements and also reflects the student's career goals, educational background, interests, and needs. Each program requires a culminating experience that is connected with the field-based research course, serves as the comprehensive exit assessment, and must be satisfactorily completed in order for the Ed.S. degree to be awarded. Upon completion of the Ed.S. degree, graduates are eligible to apply for the Georgia Level Six Professional Certificate if they possess the Level Five Certificate in the field.

### Admission to Ed.S. Programs

Georgia Southern University admits persons who display an educational development and achievement level that are better than average. To this end, admission requirements reflect previous educational orientation, and a judgment of admission or rejection is made by the College. For admission to the College of Graduate Studies to pursue the Education Specialist degree, the applicant must:

1. Complete requirements for a Master's degree from a regionally accredited institution. If a Master's degree is not held in the identified area of concentration, the applicant must satisfy any identified program requirements for graduate level work in the area of concentration, typically 12 to 18 hours. Refer to program admission requirements on the program's Catalog page.
2. Present a 3.25 (4.0 scale) grade point average on all graduate work attempted.
3. Present official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Examination (GRE). If the applicant holds a Master's degree from Georgia Southern University with at least a 3.50 graduate GPA, the GRE or MAT is not required.

4. Satisfy program requirements for certification. Select programs require that those admitted possess or be eligible for a Professional Certificate (Level 4 or 5) or equivalent in the identified field or related field. Refer to program admission requirements in the catalog.
5. Submit a personal statement of purpose that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

A Georgia Southern University graduate student who is within six (6) credits of completing a Master's program may, with the approval of the Master's degree program advisor, enroll for a maximum of three (3) credits toward an Ed.S. program provided all College of Graduate Studies admission requirements for "Regular" Ed.S. admission have been satisfied except for completion of the Master's degree. The total number of credits for the semester in which the Ed.S. enrollment is approved may not exceed nine (9). Under no circumstances may a course be used for credit in both a student's Master's and Education Specialist programs of study.

#### **Ed.S. Provisional Admission:**

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### **Ed.S. Comprehensive Exit Assessment**

To complete degree requirements for the Ed.S. degree, each candidate must demonstrate the ability to conduct and present a field-based research project. The candidate and the graduate advisor should consider possible research topics that complement the candidate's career objectives and Program of Study. Upon enrollment in EDUR 8434, Field-Based Educational Research, the candidate is expected to have formulated a research topic and will select graduate faculty members to serve on the candidate's Ed.S. Committee. The Ed.S. Committee will be comprised of at least 3 faculty members who guide the development, implementation, and defense of the field study. The research proposal developed in EDUR 8434 will include the statement of the problem, a literature review, hypotheses or research questions, and research methodology. In the directed field-based research course specific to the field of study, the candidate implements the field study using the proposal developed in EDUR 8434. The instructor guides the candidate in the implementation process and is responsible for evaluating the research project and assigning the final course grade. The project is then orally defended in a meeting with the candidate's Ed.S. Committee members. This defense serves as the exit assessment for the program. The purpose of the defense is to assess the candidate's knowledge of the topic area, the adequacy of the candidate's application of research principles, and the ability of the candidate to articulate the results and implications of the study. The defense consists of a formal presentation by the candidate, followed by questions from the Ed.S. Committee. The candidate's presentation may be up to forty minutes. The entire presentation and inquiry session

should not exceed one hour and should be open to all faculty and students.

### **Doctor of Education Programs**

The Ed.D. program in Curriculum Studies provides a unique and contemporary approach to doctoral study in curriculum. The program prepares graduates to work directly in the P-12 schools (e.g., master teacher, instructional coordinator, curriculum director) or to enter the professoriate as curriculum scholars. The design of the Ed.D. program in Curriculum Studies has four major components. The **Curriculum Studies core** intertwines the theoretical, ethical, and historical concepts underpinning curriculum work with advanced theories of design, development, and implementation. The **Research and Inquiry core** provides for advanced study into specific methodologies and their appropriate applications. The **Advanced Doctoral core** allows students to select either the certification option (advanced pedagogy coursework) or the non-certification option (advanced Curriculum Studies coursework.) Students seeking a certificate upgrade must select the certification option and apply the advanced pedagogy coursework to their certification field. Finally, students choose one of the four **Emphasis Areas** to complete their program of study. The Curriculum Studies program evaluates applications once per year for summer admission, and admission is competitive. See program's Catalog page for specific information on admission, program of study, and other requirements.

The Ed.D. degree program in Educational Leadership is designed to extend the competence and knowledge base of educational leaders who have been prepared to work in elementary, middle, secondary, and postsecondary educational settings. The program seeks to develop administrators and supervisors who (1) will become team and community leaders, (2) have developed an informed vision of what educational organizations are and can become, (3) will focus on teaching and learning for an increasingly diverse student group as the mission of the educational organization, and (4) have acquired an initial mastery of the theory and practice of organizational leadership and management in a climate of fiscal and social constraint. The program draws on many themes and research agendas. A new campus cohort of students is admitted each fall semester and each spring semester.

#### **Continuous Enrollment**

A student working for a doctorate must be enrolled at Georgia Southern University during the semester in which the comprehensive/qualifying/candidacy examination is taken and in each subsequent semester, including summer term, following the first dissertation registration, until the degree requirements are met and the dissertation is accepted by the College of Graduate Studies. Failure to enroll will result in loss of candidacy. To regain candidacy, the student must successfully petition the College of Graduate Studies.

If it is necessary to interrupt progress toward the degree, the student may petition for a leave of absence of up to one year. The petition must be submitted at least one month before the effective date of leave. The major professor, the department chair, and the Dean of the College of Graduate Studies must grant approval. The Dean will establish the conditions of the leave. An extension of a leave of absence beyond one year may be granted by the Dean of the College of Graduate Studies upon recommendation of the student's dissertation committee.

### **Online and Off-Campus Graduate Offerings**

Master's core courses are offered each semester through online delivery. The M.Ed. in Higher Education Administration can be completed online if online courses are selected. Programs offered fully online are the M.A.T. with a concentration in Special Education; M.Ed. programs in Curriculum and Instruction - Accomplished Teaching, Early Childhood Education, Educational Leadership, Instructional Technology, Middle Grades Education, Reading Education, Secondary Education, and Special Education; Ed.S. programs in Early Childhood Education, Instructional Technology, Middle Grades Education, Reading Education, Secondary Education, and Special Education; and Endorsement programs in Online Teaching and Learning, and Reading.

Various education and content courses are scheduled as needed through on-site, distance learning and internet technology. For projected course offerings for a particular program, see the department website or contact the program coordinator.

See the program's Catalog page for specific information on admission, Program of Study, and other requirements.

## COUNSELOR EDUCATION

### M.Ed., 48-60 HOURS

**Advising:** Department of Leadership, Technology and Human Development; Dr. Jim Bergin, P.O. Box 8131, Statesboro, GA 30460, (912) 478-0873, jim\_bergin@georgiasouthern.edu, Fax: (912) 478-7104; <http://coe.georgiasouthern.edu/lthd/>.

**Program Intent:** The Counselor Education program prepares Counselors for Elementary, Middle Level, Secondary, or Post-secondary Educational and related agency settings. There are three degree program concentrations based on educational background and career goals:

**Concentration One:** School Counseling - Does not require Professional Level Four Certification for admission. This concentration is designed for those students who wish to pursue a career in school counseling.

**Concentration Two:** Clinical Mental Health Counseling - This concentration is designed for those students who seek Counselor preparation for the Licensed Professional Counselor (LPC) and National Certified Counselor (NCC) credentials for employment in a variety of mental health counseling settings. The Clinical Mental Health Counseling program at Georgia Southern University is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). The accreditation runs through March 2017. (Note: The Clinical Mental Health Counseling program is currently accredited under the 2001 standards for Community Counseling programs as a Community Counseling program. The CACREP 2009 standards combine the Community Counseling and Mental Health Counseling standards into standards for Clinical Mental Health Counseling programs. The counseling program intends to seek accreditation for this program as a Clinical Mental Health Counseling program when it comes up for reaccreditation, per CACREP guidelines.)

**Concentration Three:** Student Services in Higher Education - This concentration is designed for those students seeking employment in Student Affairs in a variety of post-secondary educational settings.

#### Admission Requirements

Note: Admission to the graduate program is required. Non-degree status to achieve initial certification is not permitted.

#### Regular

1. Complete requirements for a bachelor's degree from a regionally accredited institution.
2. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
3. Present current official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Examination (GRE).
4. Submit completed Counselor Education Supplementary Documents (available at College of Education or College of Graduate Studies web site).
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.
7. Participate in a pre-admission seminar.
8. For Concentration One, School Counseling, pass the GACE Basic Skills Assessment.

#### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Acquiring School Counseling Certification for Those who Already Hold a Master's Degree:

- A. Persons who hold a master's degree in a field other than School Counseling may earn the Program's recommendation for the School Counselor Level Five Certificate by completing the M.Ed. in Counselor Education, School Counseling Concentration One. Up to three courses from a previous master's program may be applied toward degree requirements.
- B. Persons seeking initial certification in School Counseling and who hold a 48 hour (CACREP equivalent) master's degree in a counseling field other than School Counseling may earn the program's recommendation for the School Counseling Level Six Certificate by completing the Ed.S. in School Counseling, and all of the following school specialty courses: COUN 7445, COUN 7437, COUN 7448, COUN 7449, COUN 7738 (School Counseling Internship I), and COUN 7739 (School Counseling Internship II).
- C. Persons seeking initial certification in School Counseling and who hold less than a 48 hour (CACREP curriculum equivalent) master's degree in School Counseling or in a counseling field other than School Counseling may earn the program's recommendation for the School Counselor Level Six Certificate by completing the Ed.S. degree program in Counselor Education and all of the course work in the M.Ed. in Counselor Education (School Counseling Concentration One), not completed previously.

#### Concentration One: School Counseling .....51 Hours

Professional Education Core Requirements

EDUF 7130 - Learning Theories and Applications (3)

EDUR 7130 - Educational Research (3)

Specific Requirements

COUN 7332 - Theories of Counseling (3)

COUN 7333 - Models and Techniques of Counseling (3)

COUN 7334 - Group Dynamics (3)

COUN 7335 - Individual Analysis (3)

COUN 7336 - Career Counseling (3)



- COUN 7337 - Cross-cultural Counseling (3)
- COUN 7338 - Life Span Development (3)
- COUN 7737 - Practicum (3)

School Counseling Requirements

- COUN 7445 - Ethics and Foundations of School Counseling (4)
- COUN 7437 - School Counseling Program Coordination and Curriculum (3)
- COUN 7448 - Leadership, Consultation and Intervention in the Schools (4)
- COUN 7449 - Family/School/Community Collaboration (4)
- COUN 7738 - Internship I (3)
- COUN 7739 - Internship II (3)

**Concentration Two: Clinical Mental Health Counseling .....60 Hours**

Professional Education Core Requirements

- EDUF 7130 - Learning Theories and Applications (3)
- EDUR 7130 - Educational Research (3)

Specific Requirements

- COUN 7332 - Theories of Counseling (3)
- COUN 7333 - Models and Techniques of Counseling (3)
- COUN 7334 - Group Dynamics (3)
- COUN 7335 - Individual Analysis (3)
- COUN 7336 - Career Counseling (3)
- COUN 7337 - Cross-Cultural Counseling (3)
- COUN 7338 - Life Span Development (3)
- COUN 7737 - Practicum (3)

Clinical Mental Health Counseling Requirements

- COUN 7231 - Foundations of Clinical Mental Health Counseling and Program Management (3)
- COUN 7232 - Addiction Counseling (3)
- COUN 7233 - Family Counseling (3)
- COUN 7236 - Human Sexuality and Counseling (3)
- COUN 7738 - Internship I (3)
- COUN 7739 - Internship II (3)
- COUN 7234 - Counseling Assessment, Diagnosis and Intervention (3)
- COUN 8533 - Professional Practice and Ethics (3)
- COUN 7235 - Short Term Counseling Strategies: Brief Solution Counseling, Rational Emotive Behavioral Therapy and Motivational Interviewing (3)
- ESPY 8135 - Crisis Intervention and Prevention (3)

**Concentration Three: Student Services in Higher Education.....48 Hours**

Professional Education Core Requirements

- EDUF 7130 - Learning Theories and Applications (3)
- EDUR 7130 - Educational Research (3)

Specific Requirements

- COUN 7332 - Theories of Counseling (3)
- COUN 7333 - Models and Techniques of Counseling (3)
- COUN 7334 - Group Dynamics (3)
- COUN 7335 - Individual Analysis (3)
- COUN 7336 - Career Counseling (3)
- COUN 7337 - Cross-Cultural Counseling (3)
- COUN 7338 - Life Span Development (3)
- COUN 7737 - Practicum (3)

Higher Education Requirements

- COUN 7131 - Student Services in Higher Education (3)
- COUN 7132 - Contemporary College Students (3)
- COUN 7133 - Administrative and Leadership in Student Services (3)
- COUN 7134 - Ethical and Professional Issues in Student Services (3)
- COUN 7798 - Internship I in Higher Education (3)
- COUN 7799 - Internship II in Higher Education (3)

**OTHER PROGRAM REQUIREMENTS**

- For Concentration One and Concentration Two, successful completion of the M.Ed. Comprehensive Exit Examination.
- For Concentration Three, successful completion of a Professional Portfolio.
- For all concentrations, successful completion of assessments identified at each program transition point.

## COUNSELOR EDUCATION

### Ed.S., 30 HOURS

**Advising:** Department of Leadership, Technology and Human Development, Dr. Jim Bergin, P. O. Box 8131, Statesboro, GA 30460, (912) 478-0873, jim\_bergin@georgiasouthern.edu, Fax: (912) 478-7104, <http://coe.georgiasouthern.edu/lthd/>.

#### Admissions Requirements

##### Regular

1. Hold a Master's degree in the field of counseling from an accredited graduate institution.
2. If seeking Georgia Level Six Certification in Counselor Education, must possess or be eligible for the Level Five Certificate in the field.
3. Present a 3.25 or higher GPA on all graduate work attempted.
4. Present official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Examination (GRE).
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

##### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Acquiring School Counseling Certification:

- A. Persons seeking initial certification in School Counseling and who hold a 48 hour (CACREP equivalent) master's degree in a counseling field other than School Counseling may earn the program's recommendation for the School Counseling Level Six Certificate by completing the Ed.S. in School Counseling, and all of the following school specialty courses: COUN 7437, COUN 7445, COUN 7448, COUN 7449, COUN 7738 (School Counseling Internship I), and COUN 7739 (School Counseling Internship II).
- B. Persons seeking initial certification in School Counseling and who hold less than a 48 hour (CACREP curriculum equivalent) masters' degree in School Counseling or in a counseling field other than School Counseling may earn the program's recommendation for the School Counselor Level Six Certificate by completing the Ed.S. degree program in Counselor Education and all of the course work in the M.Ed. in Counselor Education (School Counseling Concentration One), not completed previously.

#### Prerequisites

EDUR 7130 - Educational Research (3)

#### Research Sequence Requirements.....9 Hours

\*COUN 8839 - Action Research in Counselor Education (3)

\*\*EDUR 8434 - Field-based Educational Research (3)

EDUR 8131 - Educational Statistics I (3)

#### Counselor Education Core Requirements .....9 Hours

COUN 8536 - Advocacy and Systemic Change in a Diverse Society (3)

COUN 8538 - Advanced Group Development and Supervision (3)

COUN 8737 - Advanced Counseling Practicum and Supervision (3)

#### Advisor Approved Electives.....12 Hours

Advisor approved electives may be chosen from Counselor Education, Educational Leadership, Instructional Technology, School Psychology, or other areas related to projected work settings.

#### OTHER PROGRAM REQUIREMENTS

- Successful completion of Ed.S. Comprehensive Exit Assessment: Involves constituting a three faculty advisory committee to guide field study, and requires the completion and oral defense of a major field-based research paper.
- Must successfully complete assessments identified at each program transition point.

*\*IRB approval of research proposal required before enrolling.*

*\*\*Advisory approval of research topic is a prerequisite to enrolling.*

# CURRICULUM AND INSTRUCTION - ACCOMPLISHED TEACHING M.Ed., 36 HOURS (Online)

(Collaborative Degree with Valdosta State University and Columbus State University)

**Advising:** Department of Teaching and Learning, Dr. Kymberly Drawdy, P.O. Box 8134, Statesboro, GA 30460, (912) 478-5041, kharris@georgiasouthern.edu, Fax: (912) 478-0026, <http://coe.georgiasouthern.edu/tandl/>

**Admission Requirements**

**Regular**

1. Complete requirements for a bachelor's degree from an accredited institution.
2. Possess or be eligible for a clear, renewable certification in a teaching, service, or leadership field. Candidates who have completed all eligibility requirements for the Professional Level Four Certificate have until the end of the first semester to obtain the certificate.
3. Present a 2.50 or higher GPA on all undergraduate and graduate work combined.
4. GRE or MAT scores will not be required for applicants who hold a clear renewable certification in a teaching, service, or leadership field; instead the applicants must submit passing GACE or PRAXIS scores.

**Provisional**

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

<b>Professional Education Core</b> .....	<b>9 Hours</b>
EDAT 6159 - Multicultural Studies across the Curriculum (3) ***	
EDAT 7100 - Research Methodology in Education (3) **	
EDAT 7133 - Trends, Issues, and Research in Education (3) *	
<b>+ Content-Specific Requirements</b> .....	<b>12 Hours</b>
EDAT 6001 - Using Assessment to Improve Teaching and Learning (3) **	
EDAT 6226 - Curriculum Design for Student Achievement (3) ***	
EDAT 7131 - Enhancing Student Performance (3) *	
EDAT 7132 - Framework for Teaching (3) *	
<b>Specific Program Requirements</b> .....	<b>6 Hours</b>
EDAT 6000 - Professional Decision Making (3) **	
EDAT 6115 - Knowledge of Students and Their Learning (3) ***	
<b>Approved Electives</b> .....	<b>9 Hours</b>

+Candidates must complete the Content-Specific Requirements in their area of certification/content field.

**Culminating Project: Electronic Portfolio**

**PROGRAM EXIT EXPERIENCE**

- Successful completion of electronic portfolio.
- Successful completion of each key assessment identified at each program transition point.

**OTHER PROGRAM REQUIREMENTS**

- The candidate's progress will be evaluated after the first 9 semester hours of course work, including the GPA and performance on the key assessments imbedded in the courses, including dispositions.

*\*Taught by Georgia Southern University*

*\*\*Taught by Valdosta State University*

*\*\*\*Taught by Columbus State University*

*Note for students admitted after January 15, 2013: Although not a requirement for degree completion, in order to receive a certificate upgrade, a candidate must post a passing score on the Curriculum and Instruction GACE Exam.*

# CURRICULUM STUDIES

## Ed.D.

**63 semester hours beyond Master's including dissertation, 54 hours beyond Master's excluding dissertation**

**Advising:** Department of Curriculum, Foundations, and Reading, Dr. Daniel Chapman, Program Coordinator, P. O. Box 8144, Statesboro, GA 30460, (912) 478-5715, [dechapman@georgiasouthern.edu](mailto:dechapman@georgiasouthern.edu), Fax: (912) 478-5382, <http://coe.georgiasouthern.edu/foundations/edd/>.

### Admission Requirements

The following minimum admission requirements must be met:

1. Complete the work necessary to be eligible for the minimum of a Master's degree from an accredited graduate institution.
2. Present a minimum grade point average of 3.50 (4.0 scale) in all graduate work attempted (or other appropriate evidence of scholarly aptitude necessary for doctoral study).
3. Present current official report from the Graduate Record Examination (GRE) General or the Miller's Analogies Test (MAT) showing competitive scores. International Students who have not earned a degree at an institution of higher education in the United States must also submit the results of the TOEFL Examination.
4. Submit completed application for admission, required application fee and official transcripts consistent with the College of Graduate Studies admission requirements.
5. Submit three (3) professional letters of reference.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.
7. Complete a writing sample.
8. Complete an interview, if requested.

Applicants' credentials will be evaluated by the Ed.D. in Curriculum Studies Admissions Committee in order to identify the candidates in that applicant pool to recommend for admission; admission is competitive. The number of applicants accepted each year will be dependent upon available resources. Applications will be evaluated once per year for Summer admissions. The deadline for applications is January 30. Students seeking a certificate upgrade must identify a concentration (i.e., certification field) on the Ed.D. admission application.

**Enrollment:** One academic year of continual enrollment.

**Time Limit:** Doctoral students must pass the Candidacy Exam within five years from the first Ed.D. admission registration term and no later than the last semester of Ed.D. course work or the following semester. All degree requirements must be completed within five (5) years of passing the Candidacy Exam. After successful completion of the Candidacy Exam, students have five years to finish program requirements, including the Dissertation; otherwise, the Candidacy Exam must be retaken.

**Program of Study:** This degree program consists of work in five areas: (1) Curriculum Studies Core, (2) Research and Inquiry Core, (3) Advanced Doctoral Core (with certification/non-certification options), (4) Emphasis Area, and (5) Dissertation. The first two areas require a combined minimum of 33 semester hours of course work, the third area requires a minimum of 9 semester hours of course work, the fourth area requires a minimum of 12 semester hours, and the fifth area requires a minimum of 9 semester hours. The complete program requires a minimum of 54 semester hours of course work plus 9 hours of dissertation credit.

**Prerequisite(s):** Students must meet prerequisites required by the program and by certain courses within the program. Prerequisite courses do not apply toward degree requirements. The program prerequisites are:

- EDUC 7130 - Curriculum Theories and Design (3)
- EDUF 7130 - Learning Theories and Applications (3)
- EDUF 7235 - Multicultural Education (3)
- EDUR 7130 - Educational Research (3)
- EDUR 8131 - Educational Statistics I (3)

Some students might enter the program carrying course work beyond the Master's degree. Once admitted and Candidacy Committee Chair is identified, up to 9 semester hours of applicable and appropriate post-Master's work may apply toward degree requirements with the approval of the student's Candidacy Committee Chair.

**Curriculum Studies Core.** This is the nexus of the program. As such, it contains courses to be taken by all doctoral students. The Core intertwines the theoretical, ethical, and historical concepts underpinning curriculum work with advanced theories of design, development, and implementation.

**Research and Inquiry Core.** This portion of the program is designed to create scholars who might apply their knowledge base to the solving of problems encountered in daily education work. Both components of the Research and Inquiry Core are understood to be essential in the preparation of doctoral students who will engage in meaningful, productive investigations into critical issues in curriculum. The Research component provides for advanced study into specific methodologies and their appropriate applications. The Inquiry component addresses theoretical questions of orientation of various research paradigms so that the doctoral student might make an informed decision as to the general approach (i.e., quantitative or qualitative) he/she will wish to pursue in order to effectively address a topic or problem in curriculum.

**Advanced Doctoral Core.** This segment of the program of study provides an option to students regarding required courses. Students will select either the certification option (advanced pedagogy coursework) or the non-certification option (advanced Curriculum Studies coursework). Students seeking a certificate upgrade must select the certification option and apply the advanced pedagogy coursework to their certification field.

**Emphasis Areas.** This program offers four interdisciplinary emphasis areas covering a broad terrain of scholarly inquiry and educational application.

1. **Cultural Curriculum Studies**

This emphasis area provides intensive exposure to critical aspects of the Curriculum Studies field. It also centers on the study of popular culture in its many manifestations and the implications of the ways in which the study of these educational sites impact the social construction of identity and the intersections of popular culture on pedagogy and curriculum theory.

2. **Instructional Improvement**

This emphasis area meets the needs of many practicing professionals including curriculum directors, staff development personnel, instructional coordinators, high school department chairs, and lead teachers as well as others in teaching or administrative positions at the P-12 level or in higher education.

3. **Multicultural/International Studies**

This emphasis area reflects the growing importance of multicultural and international studies at all levels of education. The emphasis area allows examination of the needs of culturally diverse groups, the relationship between culture and academic achievement, and the nature of international schooling.

4. **Teaching and Learning**

This emphasis area, which combines theory and practice, provides a critical examination of enduring and contemporary issues, reform efforts, and practices associated with the teaching and learning process.

**Grade Average.** To be eligible for graduation, a student must maintain a cumulative 3.25 grade point average. A student will be excluded from the program upon earning grades of “C” or below in two or more courses.

**Student Assessment.** Students will be assessed regularly throughout the program at a variety of administrative and curricular checkpoints. The official sequence is as follows.

1. Admission to the program
2. Course work
3. Candidacy examinations
4. Preprospectus defense
5. Prospectus defense
6. Dissertation defense

**Examinations and Committees.** During their tenure in the program, students with their Advisors, will assemble two separate examination committees. The first is the Candidacy Examination Committee, and the second is the Dissertation Committee. Each committee has a distinct mission in the program of the student and specific membership criteria. At least one Curriculum Studies faculty member must be a member of each of the committees described below. The membership of these committees may or may not be comprised of the same individuals. The following is a description of the mission and membership requirements of each committee.

**The Candidacy Examination.** Following the completion of the prescribed minimum course work and before a student is formally admitted to candidacy for the doctoral degree, the Candidacy Examination must be passed. This examination evaluates both the work to date and the student’s qualifications for advanced research. If a student fails the Candidacy Exam, she/he has one more opportunity to re-take it. If the student fails the second attempt, she/he will be excluded from the program.

**The Candidacy Committee.** The committee will be comprised of three faculty, each responsible for one of the examination blocks (Core, Research, Advanced Doctoral Core/Emphasis Areas). All committee members must hold Graduate Faculty status. If the committee is larger than three (at the student’s request), there may be only one dissenting vote in order for the candidate to pass. Upon successful completion of the Candidacy Examination, the student is formally admitted to candidacy and will begin work on the dissertation.

**The Dissertation Committee.** The Preprospectus Defense, Prospectus Defense, and the Dissertation Defense are proctored by at least four members of the Graduate Faculty and conducted in a public forum. The membership is as follows: the Director of the dissertation and three readers, one of whom must be from outside the College of Education. Candidates, in concert with their chair, will choose the individuals of the committee. Three of the four members must approve the dissertation and the final examination in order for the candidate to receive the doctoral degree.

**The Preprospectus Defense.** The dissertation is simultaneously the last requirement in the program and the first research project as a curriculum scholar. There are two check points in the dissertation process, the first being the Preprospectus Defense. This is to ensure the committee’s agreement with the project and to elicit any preliminary suggestions and/or redirection of question, context, method, and/or analysis.

**The Prospectus Defense.** This is to provide formal feedback on the first three chapters of the dissertation (or the introduction, theoretical framework, literature review and methodology) before the student begins the “data collections” stage of the dissertation.

**The Dissertation Defense.** The defense will be undertaken once the project is complete. Although there are traditional formats for dissertations in education, the Department requires no template for construction. There are, however, certain tenets of educational research which should be addressed in some manner in the work depending upon the general theoretical structure (quantitative or qualitative), and the methodological approach chosen from within that theoretical paradigm. The role of the dissertation chair is critical in this process and candidates should carefully choose the individual with whom they wish to work.

**Distinguished Off-Campus Scholar.** Having a highly respected scholar from another institution or research center serving on a doctoral examination committee can be very valuable. Therefore, a person who is a nationally or internationally recognized scholar may serve as a voting member of a dissertation examination committee for an individual doctoral student. Further information and criteria for such an appointment should be obtained from the dissertation chair or the program director.

### Program of Study

NOTE: All electives must be approved by committee chair.

### Program Prerequisites

- EDUC 7130 - Curriculum Theories and Design (3)
- EDUF 7130 - Learning Theories and Applications (3)
- EDUF 7235 - Multicultural Education (3)
- EDUR 7130 - Educational Research (3)
- EDUR 8131 - Educational Statistics I (3)

### Curriculum Studies Core ..... 18 Hours

- EDUC 9230 - Power and Schooling (3)
- EDUC 9631 - Advanced Seminar in Curriculum Theory (3)
- EDUF 8831 - Philosophies of Education (3)
- EDUF 9131 - Ethical Dimensions of Education (3)
- EDUF 9132 - History of American Curriculum (3)
- EDUF 9234 - History of American Education (3)

### Research and Inquiry Core ..... 15 Hours

- EDUC 9232 - Forms of Curriculum Inquiry (3)
- EDUF 9133 - Theories of Educational Inquiry (3)
- EDUR 8132 - Educational Statistics II (3) **OR** EDUR 9232 - Advanced Qualitative Research (3)
- EDUR 9131 - Doctoral Research Methods (3)
- EDUR 9231 - Qualitative Research in Education (3)

### Advanced Doctoral Core ..... 9 Hours

\*Certification Option (Advanced Pedagogy)

- \*\*ESED 9131 - Inquiry and Development of Educational Practices (3)
- \*\*ESED 9233 - The Scholarship of Teaching and Learning (3)
- \*\*ITEC 8630 - Advanced Seminar in Instructional Technology (3)

Non-Certification Option (Advanced Curriculum Studies) (select three of the following courses)

- EDUC 9130 - Contemporary Curriculum Theorists (3) (may be repeated once for emphasis area/elective credit)
- EDUC 9132 - Critical Readings in Curriculum (3) (may be repeated once for emphasis area/elective credit)
- EDUC 9632 - Advanced Seminar in Qualitative Dissertation Writing (3)
- EDUC 9633 - Research Seminar in Curriculum Studies (3) (may be repeated once for elective credit)

### Emphasis Area ..... 12 Hours

#### Cultural Curriculum Studies

- EDUC 9130 - Contemporary Curriculum Theorists (3)
- EDUC 9132 - Critical Readings in Curriculum (3)
- EDUF 9631 - Seminar in Cultural Studies (3)
- Elective (3)

#### Instructional Improvement

- EDUC 8230 - Curriculum Design and Evaluation (3)
- Select two of the following:
  - EDUF 8131 - Theories of Adolescence (3)
  - EDUF 8133 - Interaction and Learning (3)
  - EDUF 8134 - Models of Motivation (3)
  - EDUF 8135 - Thinking and Problem Solving (3)
  - EDUF 8136 - Theories of Human Development (3)
- Elective (3)

#### Multicultural/International Studies

- EDUF 8231 - Global Education (3)
- EDUF 8233 - Regional Issues in Multicultural Education (3)
- EDUF 8236/8236S - International Study of Educational Practices (3)
- Elective (3)

#### Teaching and Learning

- ESED 9132 - Critical Analysis of Schools and Educational Practices (3)
- ESED 9232 - Supervision of Teachers (3)
- ESED 9631 - Advanced Seminar in Teaching and Learning (3)

Elective (3)

**Dissertation** .....9 Hours

EDUC 9999 - Dissertation (3) (minimum of 9 credit hours)

**OTHER PROGRAM REQUIREMENTS**

- Must successfully complete assessments identified at each program transition point

*\* Students seeking certificate upgrades in the following areas must take the Certification Option (Advanced Pedagogy) in the Advanced Doctoral Core: Art Education, Broad Fields Science Education, Biology Education, Business Education, Chemistry Education, Early Childhood Education, Economics Education, English Education, Geography Education, Health and Physical Education, History Education, Instructional Technology, Library Media, Mathematics Education, Middle Grades Education Language Arts, Middle Grades Education Mathematics, Middle Grades Education Reading, Middle Grades Education Science, Middle Grades Education Social Studies, Music Education, Physics Education, Political Science Education, Reading Education, School Counseling, School Psychology, Spanish, Special Education Adapted Curriculum, or Special Education General Curriculum. Students seeking a certificate upgrade must identify a concentration (i.e., certification field) on the Ed.D. admission application in order for the concentration to appear on their transcript.*

*\*\*Students must apply coursework to their certification field.*

# EARLY CHILDHOOD EDUCATION (Grades P-5)

## M.Ed., 36 HOURS

### (Online)

**Advising:** Graduate Academic Services Center. Ms. Theresa Duggar, P.O. Box 8083, Statesboro, GA 30460, (912) 478-8598, tduggar@georgiasouthern.edu, Fax: (912) 478-5093, http://coe.georgiasouthern.edu/tandl/.

#### Admission Requirements

##### Regular

1. Complete requirements for a Bachelor's degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Four Certificate or equivalent in Early Childhood Education. Candidates who have completed all eligibility requirements for the Professional Level Four Certificate have until the end of the first semester to obtain the certificate.
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
4. Present current official report from the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

##### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Professional Education Core Requirements ..... 9 Hours

- ECED 7132 - Effective Curriculum and Instruction in Elementary Schools (3)
- EDUF 7130 - Learning Theories and Applications (3)
- EDUR 7130 - Educational Research (3)

#### Specialized Content for Teaching ..... 15 Hours

(Professional Education Prerequisites)

- ECED 7230 - Advanced Language Arts Methods (3)
- ECED 7330 - Advanced Math Methods (3)
- ECED 7430 - Advanced Science Methods (3)
- ECED 7530 - Advanced Social Studies Methods (3)
- \*\*ESED 5234G - Cultural Issues: ESOL (3)

#### Culmination Course ..... 3 Hours

(Professional Education and Specialized Content Prerequisites)

- ECED 7639 - Seminar in P-5 (3)

#### Open Electives (approved by advisor) ..... 9 Hours

#### OTHER PROGRAM REQUIREMENTS:

- Successfully complete assessments identified at each program transition point.

*\*\*If ESED 5234/5234G was taken previously, acceptable alternatives include the following: ESED 5233G - Applied Linguistics: ESOL; ESED 5235G - ESOL Methods; READ 7432 - Teaching Literacy with ELLs; LING 6133 - Applied English Grammar; LING 6231 - Language, National, and Globalization; or LING 6233 - Teaching English Internationally.*



## EARLY CHILDHOOD EDUCATION (Grades P-5) Ed.S., 33 HOURS (Online)

**Advising:** Graduate Academic Services Center. Ms. Lydia Cross, P.O. Box 8083, Statesboro, GA 30460, (912) 478-8664, [lcross@georgiasouthern.edu](mailto:lcross@georgiasouthern.edu), Fax: (912) 478-5093, <http://coe.georgiasouthern.edu/tandl/>.

**Admission Requirements**

**Regular**

1. Complete requirements for a Master’s degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Five Certificate in Early Childhood Education. Candidates who have completed all eligibility requirements for the Professional Level Five Certificate have until the end of the first semester to obtain the certificate.
3. Present a 3.25 or higher GPA on all graduate work attempted.
4. Present current official report from the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores. Applicants with a Georgia Southern University graduate degree showing a GPA of 3.5 or higher within the previous seven (7) years may exempt the GRE test requirement.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant’s reasons for pursuing graduate study and how admission into the program relates to the applicant’s professional aspirations.
6. Submit a completed “Disclosure and Affirmation Form” that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

**Provisional**

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of “B” or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

**Prerequisite Coursework:**

- EDUF 7130 - Learning Theories and Applications (3)
- EDUR 7130 - Educational Research (3)

**Core Requirements.....15 Hours**

- EDUR 8131 - Educational Statistics I (3)
- ++ESED 5233G - Applied Linguistics: ESOL (3)
- #ESED 8130 - Research on Current Trends and Issues (3)
- +ESED 8131 - Teacher Leadership (3)
- ITEC 8231 - Transforming Learning with Technology (3)

**\*Content Specific Requirements.....9 Hours**

- \*\*EDUR 8434 - Field-Based Educational Research (3)
- +ESED 8132 - Curriculum and Instruction (3)
- \*\*\*ESED 8839 - Seminar and Field Study (3)

**Electives.....9 Hours**

**OTHER PROGRAM REQUIREMENTS**

\* *Ed.S. candidates must complete the Content Specific Requirements (\*) in Early Childhood Education.*

- Successful completion of the Ed.S. Comprehensive Exit Assessment; involves constituting a three faculty advisory committee to guide field study, and requires the completion and oral presentation of a major field-based action research paper.
- Must successfully complete assessments identified at each program transition point.

\*\**Prerequisite(s): EDUR 8131, ESED 8130, ESED 8131, ESED 8132, ITEC 8231*

\*\*\**Prerequisite(s): EDUR 8131, EDUR 8434, ESED 8130, ESED 8131, ESED 8132, ITEC 8231*

#*Must be taken during the first 9 hours; Prerequisite(s): Admission into the Ed.S. in Early Childhood Education*

+*Prerequisite(s): ESED 8130 or concurrently enrolled.*

++*If ESED 5233/5233G was taken previously, acceptable alternatives include the following: ESED 5234G - Cultural Issues: ESOL; ESED 5235G - ESOL Methods; READ 7432 - Teaching Literacy with ELLs; LING 6133 - Applied English Grammar; LING 6231 - Language, National, and Globalization; or LING 6233 - Teaching English Internationally.*

# EDUCATIONAL LEADERSHIP

## Ed.D.

**69 semester hours beyond Master's including dissertation (60 semester hours of course work, plus minimum of 9 dissertation credits).**  
**Advising:** Department of Leadership, Technology and Human Development, Dr. Devon Jensen, P.O. Box 8131, Statesboro, GA 30460, (912) 478-7267, devonjensen@georgiasouthern.edu, FAX: (912) 478-7104, <http://coe.georgiasouthern.edu/lthd/>.

### Admission Requirements

The admission process has two phases. Applicants must be accepted for admission by both the Jack N. Averitt College of Graduate Studies and the Program of Educational Leadership at Georgia Southern University. Application to or acceptance in the College of Graduate Studies in any other program does not guarantee admission to the Program of Educational Leadership. Applicants who wish to pursue advanced professional preparation in Educational Leadership with a view for becoming a candidate for the Ed.D. degree will be expected to file a formal application and present themselves to the faculty for special tests and/or interviews. When applying for admission, applicants must indicate whether they are applying for the cohort for specialization in Higher Education Leadership or the cohort for specialization in P-12 Educational Leadership. Recommendations on admission will be made by program faculty only after screening procedures have been carried out. Admission will be upon the recommendation of the program committee, or the committee's designated representative, and the approval of the Dean of the College of Graduate Studies.

### The first phase of admission to the Ed.D. program in Educational Leadership requires the applicant's satisfaction of the following standards:

1. Complete all College of Graduate Studies admission requirements.
2. Hold a Master's degree at minimum from an institution accredited by the appropriate regional accrediting agency.
3. Present a minimum grade point average of 3.50 (4.0 scale) in previous graduate work.
4. Present current official scores from the Graduate Records Examination (GRE) on Verbal Reasoning, Quantitative Reasoning, and Analytical Writing.
5. Submission of a brief, two-page resume/vita which highlights the personal and professional achievements of the applicant.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

### The second phase of the admission process will require adherence to the following procedures:

1. Applicant credentials are rated by Educational Leadership (EDLD) faculty.
2. These faculty, meeting as a committee of the whole, will use these ratings to assemble a list of top candidates for interviews.
3. Applicants will be invited to interview with EDLD faculty and produce a writing sample.
4. The Higher Education and P-12 Leadership cohorts may be combined based on the number of students admitted in each area.

**Enrollment:** The Ed.D. degree presupposes a minimum of five semesters of prescribed continuous study beyond satisfaction of Tier I requirements and cannot be secured through summer study alone. A minimum of 9 semester hours of EDLD 9999 (Dissertation) is required beyond other coursework. Full-time residency (defined as continuous enrollment) is required throughout the program.

**Time Limit:** All course requirements for the Ed.D. degree, except the dissertation, must be completed within a period of three years. This time requirement begins with the first registration for Tier II on the student's approved program of doctoral study. In addition, a candidate for the Ed.D. degree who fails to complete all degree requirements within five years after passing the candidacy examinations will be withdrawn from the program. When extenuating circumstances exist, students may apply for an extension of the time requirement. If an extension is granted, then the student must complete degree requirements consistent with the conditions and terms specified in the time extension notification.

**Grade Average:** A student must maintain at least a 3.50 GPA on all graduate courses taken and on all courses on the Program of Study.

**Candidacy Examinations.** A student must pass formal, comprehensive written and/or oral examinations before being admitted to candidacy for the degree. These examinations will be administered in accordance with policies in effect in the College of Graduate Studies and the student's department. The results of the examination(s) will be reported to the College of Graduate Studies. If a student fails the candidacy examination for a second time, he/she will be removed from the program.

**Admission to Degree Candidacy.** The student in conjunction with his or her Supervisory Committee is responsible for initiating an application for admission to degree candidacy so that it is filed with the College of Graduate Studies at least one semester before the date of graduation. The application for degree candidacy is a certification by the student's program that the student has shown the ability to do acceptable graduate work in the chosen field of study and that:

1. all prerequisites set as a condition for admission have been met;
2. all inquiry/research skill requirements have been met;
3. the Program of Study has been approved by the Supervisory Committee, the Department Chair, and the Dean of the College of Graduate Studies;
4. a grade point average of 3.50 or higher has been maintained on all graduate courses taken and on all completed courses on the Program of Study; no more than one grade of "C" may be placed on the Program of Study;
5. written and/or oral candidacy examinations have been passed and reported to the College of Graduate Studies; and

6. the Supervising Committee, including any necessary changes in the membership, is confirmed and all its members have been notified of their appointments.

**Program of Study**

**Tier I Content Courses.....30 Hours**

Satisfaction of Tier I (30 post-Master’s graduate credit hours) requirements for admission to Tier II may be met through one of the following pathways:

**P-12 Educational Leadership:**

1. EDUCATIONAL SPECIALIST DEGREE IN A FIELD OTHER THAN EDUCATIONAL LEADERSHIP: the applicant will be required to satisfy the requirement of 15 semester hours of graduate credit in educational leadership to include topics in the fundamental concepts of leadership and management, educational law, educational finance, and instructional supervision, plus a course in educational statistics equivalent to EDUR 8131. This pathway will satisfy requirements for Tier I, but it will NOT result in leadership/administration certification.
2. ED.S. IN EDUCATIONAL LEADERSHIP/ADMINISTRATION (CERTIFICATION TRACK): Completion of an Ed.S. in Educational Leadership/Administration including certification. Details of the Georgia Southern University Ed.S. in Educational Leadership Program may be viewed at [http://coe.georgiasouthern.edu/lthd/pos\\_EdSEdLeadership.html](http://coe.georgiasouthern.edu/lthd/pos_EdSEdLeadership.html).
3. ADMITTED POST-MASTER’S DEGREE, WITHOUT EDUCATIONAL SPECIALIST DEGREE: Completion of a total of 30 semester hours of graduate credit post-master’s degree, to include 15 semester hours from topics in the fundamental concepts of leadership and management, educational law, educational finance, and instructional supervision, plus EDUR 8131, plus an additional 12 semester hours in a related field or additional hours in educational leadership. This pathway will satisfy requirements of Tier I but will NOT result in a degree being conferred at the Ed.S. level or leadership/administration certification.

**Higher Education Leadership:**

1. EDUCATIONAL SPECIALIST DEGREE IN A FIELD OTHER THAN HIGHER EDUCATION LEADERSHIP/ADMINISTRATION: the applicant will be required to satisfy a four-course prerequisite, the Higher Education Professional Core, plus EDUR 8131.
2. ADMITTED POST-MASTER’S DEGREE, WITHOUT EDUCATIONAL SPECIALIST DEGREE: Completion of the Tier I track for the Higher Education Administration program (30 graduate credit hours). This pathway will satisfy requirements of Tier I but will NOT result in a degree being conferred at the Ed.S. level. Candidates should follow the Program of Study as prescribed here:

Required Research Core (9 hours)

- EDUR 8131 - Educational Statistics I (3)
- EDUR 8434 - Field-based Educational Research (3)
- EDLD 8839 - Directed Research in Educational Leadership (3) (Taken in final semester of Tier I)

Leadership Core (9 hours)

- EDLD 8135 - Educational Planning (3)
- EDLD 8436 - Grants Development/Administration (3)
- ITEC 8435 - Program Evaluation (3)

Higher Education Professional Core (Select four courses) (12 hours)

- EDLD 7431 - Higher Education Administration (3)
- EDLD 7432 - History of American Higher Education (3)
- EDLD 8431 - Higher Education Law (3)
- EDLD 8432 - Higher Education Finance (3)
- EDLD 8433 - Higher Education Governance (3)
- EDLD 8435 - Higher Education Policy (3)
- EDLD 8439 - Politics of Higher Education (3)

Substitutions may be authorized with the advisor’s approval.

Course credit is given for Tier I coursework to a maximum of 30 semester hours, provided the coursework was completed in a timely manner at an institution accredited by the appropriate regional accrediting agency. Questions regarding Higher Education Leadership area of specialization at the Tier I level should be directed to the Ed.D. Program Coordinator; questions regarding P-12 Educational Leadership area of specialization at the Tier I level should be directed to the Ed.S. Program Coordinator.

**Tier II Core Courses.....30 Hours**

There are two areas of specialization in Educational Leadership: 1) Higher Education Leadership and 2) P-12 Educational Leadership. Students complete Tier II courses according to the area of specialization designated at the time of admission.

Research Core required for both areas of specialization (15 hours):

- EDUR 9131 - Doctoral Research Methods (3)
- EDUR 9231- Qualitative Research in Education (3)
- Select one course from the following:
  - EDUR 8132 - Educational Statistics II (3), **OR**
  - EDUR 9232 - Advanced Qualitative Research (3), **OR**
  - EDLD 9432 - Program Evaluation for School Leaders (3)
  - EDLD 9631 - Research Seminar I (3)
  - EDLD 9632 - Research Seminar II (3)

Tier II courses for P-12 Educational Leadership (15 hours):

- EDLD 9331 - Building Leadership Capacity (3)
- EDLD 9332 - Organizational Behavior in Education (3)
- EDLD 9333 - Ethics in Educational Leadership (3)
- EDLD 9434 - Transformative Practice I (3)
- EDLD 9435 - Transformative Practice II (3)

Tier II courses for Higher Education Leadership (15 hours):

- EDLD 9531 - Leadership in Higher Education (3)
- EDLD 9532 - Higher Education Resource Allocation and Deployment (3)
- EDLD 9533 - Globalization and Higher Education (3)
- EDLD 9534 - Cognitive Issues in Higher Education (3)
- EDLD 9535 - Executive Leadership in Higher Education (3)

**Tier III Dissertation.....9 Hours**

- EDLD 9999 - Dissertation (minimum of 9 credit hours)

## EDUCATIONAL LEADERSHIP M.Ed., 36 HOURS

**Advising:** Department of Leadership, Technology, and Human Development, Dr. Mohomodou Boncana, P.O. Box 8131, Statesboro, GA 30460, (912) 478-7576, mboncana@georgiasouthern.edu, Fax: (912) 478-7104, <http://coe.georgiasouthern.edu/lthd/>.

### Admission Requirements

#### Regular

1. Complete requirements for a Bachelor's degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Four Certificate or equivalent in a teaching field. Persons with a Master's degree in a related field may be admitted; however, additional course work may be required.
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
4. Present official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Examination (GRE).
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.
7. Submit school/district endorsement and agreement for Supervised Field Experience.
8. One (1) year of teaching experience prior to admission to the program.

#### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

### Professional Education Core Requirements ..... 12 Hours

- EDUF 7140 - Learning, Cognition, and Curriculum (3)
- EDUR 7130 - Educational Research (3)
- EDUR 8131 - Educational Statistics I (3)
- ITEC 7538 - Instructional Technology for School Leaders (3)

### Specific Requirements ..... 24 Hours

- EDLD 7530 - The Democracy-centered School Leader (3) \*
- EDLD 7531 - Legal and Ethical Issues in School Leadership (3) \*
- EDLD 7532 - Empowering Human Resources (3) \*
- EDLD 7533 - Mobilizing Communities (3) \*
- EDLD 7534 - Leading Innovation and Change (3)
- EDLD 7535 - Using Data in Leadership for Learning (3) \*
- EDLD 7737 - Supervised Field Experience I (3) \*
- EDLD 7738 - Supervised Field Experience II (3) \*

\* A Key Assessment will be a major component of this course's requirements.

*Note: The M.Ed. in Educational Leadership is not a certification program. Initial certification in educational leadership in Georgia is offered through the Ed.S. in Educational Leadership.*

## EDUCATIONAL LEADERSHIP

### Ed.S., 33 HOURS

**Advising:** Department of Leadership, Technology, and Human Development, Dr. Mohomodou Boncana, (912) 478-7576, mboncana@georgiasouthern.edu, Direct inquiries to gasc@georgiasouthern.edu, Fax: (912) 478-7104, <http://coe.georgiasouthern.edu/lthd/>.

#### Admission Requirements

##### Regular

1. Complete requirements for a Master's degree or higher in Educational Leadership from a regionally accredited institution, OR Complete requirements for a Master's degree or higher from a regionally accredited institution in an education field other than educational leadership (or other GaPSC accepted non-education field as per GaPSC rule 505-2-.300 Educational Leadership) AND successfully complete prerequisite educational leadership coursework (6 semester hours minimum) to include a course in school law and ethics and one other course to be selected from organizational leadership, school finance, human resources, or teaching and learning with a focus on using data in the school improvement process.
2. Present a 3.25 or higher GPA on all graduate work attempted.
3. Present current official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Examination (GRE).
4. Submit passing scores on the Georgia Assessments for the Certification of Educators (GACE) Educational Assessment or another exam designated by the Georgia Professional Standards Commission (PSC) to replace this exam for use with the performance-based certification.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations. The statement must include whether Building or District Level Certification (or both) is being sought.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.
7. Submit school/district endorsement and agreement for Residency at the Building or District level.
8. Three years school/district experience prior to admission to the program.

##### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

### CONCENTRATION: SCHOOL ADMINISTRATION, 33 HOURS

For Students Holding Level 5 (or NL-5) Certification and Seeking PL-6 Certification. The Program is a Fall or Spring admission program which is administered through the Cohort Process. The Residency is a performance-based internship, which is guided cooperatively by the university and the school/district partner. Candidates should follow the Program of Study as prescribed below:

#### Prerequisites

EDUR 7130 - Educational Research (3)

EDUR 8131 - Educational Statistics I (3)

**Semester I (Fall).....6 Hours**

EDLD 8630 - Planning for Change (3) \*

EDLD 8631 - Implementing Change (3) \*

**Semester II (Spring) .....6 Hours**

EDLD 8632 - Organizational Culture (3) \*

EDLD 8737 - Residency I (3) #

**Semester III (Summer).....9 Hours**

EDLD 8634 - Managing Operations and Processes (3) \*

EDLD 8633 - Curriculum and Instructional Leadership (3) \*

EDLD 8738 - Residency II (3) #

**Semester IV (Fall).....9 Hours**

EDLD 8635 - Leading School Renewal (3) \*

EDLD 8739 - Residency III (3) \* #

EDUR 8434 - Field-based Educational Research (3)

**Semester V (Spring).....3 Hours**

EDLD 8839 - Directed Research in Educational Leadership (3)

\* A Key Assessment will be a major component of this course's requirements.

# On-site Performance-based Residency in a leadership position at either the building or district level. The Residency will span Spring, Summer, and Fall semesters as planned and directed by Beginning Leader Support Team.

# HIGHER EDUCATION ADMINISTRATION

## M.Ed., 36 HOURS

**Pre-admission Advising:** Graduate Academic Services Center, [gasc@georgiasouthern.edu](mailto:gasc@georgiasouthern.edu)

**Program Coordination:** Department of Leadership, Technology, and Human Development, Dr. Daniel Calhoun, P.O. Box 8131, Statesboro, GA 30460, (912) 478-1428, [dwcalthoun@georgiasouthern.edu](mailto:dwcalthoun@georgiasouthern.edu), Fax: (912) 478-7104, <http://coe.georgiasouthern.edu/lthd/>.

### Admission Requirements

#### Regular

1. Complete requirements for a Bachelor's degree from a regionally accredited institution.
2. Present a cumulative 2.75 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
3. Present official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Examination (GRE).
4. Submit a personal statement of purpose, not to exceed 250 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
5. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

#### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Professional Education Core Requirements ..... 9 Hours

- EDUF 7130 - Learning Theories and Applications (3)
- EDUR 7130 - Educational Research (3)
- ITEC 7430 - Instructional Design (3) **OR** ITEC 7530 - Instructional Technology Foundations (3)

#### Higher Education Administration Core ..... 18 Hours

- COUN 7132 - Contemporary College Student (3)
- EDLD 7430 - American Higher Education (3)
- EDLD 7431 - Higher Education Administration (3)
- EDLD 7432 - History of American Education (3)
- EDLD 8431 - Higher Education Law (3)
- EDLD 8735 - Higher Education Practicum (3) \*

#### Specialized Content Courses ..... 9 Hours

Select three of the following courses in consultation with advisor

- COUN 7131 - Student Services in Higher Education (3)
- COUN 7133 - Administration and Leadership in Higher Education Student Services (3)
- COUN 7134 - Ethical and Professional Issues in Student Services (3)
- EDLD 8432 - Higher Education Finance (3)
- EDLD 8433 - Higher Education Governance (3)
- EDLD 8434 - The Community College(3)
- EDLD 8435 - Higher Education Policy (3)
- EDLD 8439 - Politics of Higher Education (3)
- EDUF 7235 - Multicultural Education (3)

If an equivalent course was taken, student may substitute with Advisor approval.

#### OTHER PROGRAM REQUIREMENTS

- Successful completion of a professional portfolio \*with practicum
- Must successfully complete assessments identified at each program transition point

## INSTRUCTIONAL TECHNOLOGY M.Ed., 36-42 HOURS (Georgia ONmyLINE)

The courses in this program are offered 100% online.

**Advising:** Department of Leadership, Technology, and Human Development, Dr. Charles Hodges, P.O. Box 8131, Statesboro, GA 30460, (912) 478-0497, itec@georgiasouthern.edu, Fax: (912) 478-7104, <http://coe.georgiasouthern.edu/lthd/itech.html>.

### Admission Requirements

#### Regular

1. Complete requirements for a Bachelor's degree from a regionally accredited institution.
2. Possess a Professional Level Four Certificate or equivalent in a teaching field. Persons not holding Level Four Certification may be admitted; however, the program will exceed 36 hours.
3. Possess a Professional Level Four Certificate or equivalent in a teaching field. Persons not holding Level Four Certification may be admitted to either concentration, however, certification in Instructional Technology (S-5) is only available for persons who possess a Professional Level Four Certificate.
4. Possess a Professional Level Four Certificate or equivalent in a teaching field and a master's degree in any field in education are required for admission to the non-degree certification only program in Instructional Technology.
5. The Dual Certification Concentration, which leads to certification in Instructional Technology and School Library Media, is only available for persons who hold a Professional Level Four Certificate or equivalent in a teaching field.
6. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
7. For students who do not possess a Level Four Certificate, present official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Examination (GRE). Students who hold a clear, renewable T-4 certificate are not required to submit GRE or MAT scores.
8. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.
9. Persons seeking initial certification not holding Level Four Certification must submit passing scores on the GACE Basic Skills Assessment or be exempt by acceptable SAT, ACT, or GRE scores.

### CONCENTRATION: INSTRUCTIONAL TECHNOLOGY, 36 Hours

*Concentration Intent: This program meets the content requirements for S-5 Certification in Instructional Technology in Georgia.*

<b>Professional Education Core Requirements</b> .....	<b>6 Hours</b>
FRLT 7130 - Learning Theories and Applications (3)	
FRER 7130 - Educational Research (3)	
<b>Specific Requirements</b> .....	<b>21 Hours</b>
FRIT 7231 - Instructional Design (3)	
FRIT 7232 - Visionary Leadership in Instructional Technology (3)	
FRIT 7233 - Selection and Development of Digital Tools and Resources (3)	
FRIT 7234 - Information Fluency and Inquiry Learning (3)	
#FRIT 7235 - Digital Learning Environments (3)	
FRIT 7236 - Technology-Based Assessment and Data Analysis (3)	
FRIT 7237 - Evaluation of Educational Needs and Programs (3)	
##FRIT 7739 - Practicum in Instructional Technology (3)	
<b>Content Electives</b> .....	<b>9 Hours</b>
Must have Advisor approval.	

# Requires FRIT 7231 as a prerequisite.

## Admission into FRIT 7739 requires completion of all program specific required courses and acceptable level performance on all program key assessments.

### OTHER PROGRAM REQUIREMENTS

- All candidates for a Master's Degree in Instructional Technology are required to submit an electronic professional portfolio as a requirement for graduation.
- Must maintain an account on the College's electronic data-management system.
- Must successfully complete assessments identified at each program transition point.
- ITEC 7530 may not be used as credit toward the Instructional Technology M.Ed. Program elective.

### CONCENTRATION: SCHOOL LIBRARY MEDIA SPECIALIST, 36 Hours

*Concentration Intent: This program meets the content requirements for S-5 certification as a media specialist in Georgia.*

<b>Professional Education Core Requirements</b> .....	<b>6 Hours</b>
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FRLT 7130 - Learning Theories and Applications (3)  
 FRER 7130 - Educational Research (3)

**Specific Requirements .....24 Hours**

FREC 7232 - Children’s Literature (3) **OR** FRMS 7331 - Early Adolescent Literature (3)  
 FRIT 7231 - Instructional Design (3)  
 FRIT 7233 - Selection and Development of Digital Tools and Resources (3)  
 FRIT 7234 - Information Fluency and Inquiry Learning (3)  
 #FRIT 7235 - Digital Learning Environments (3)  
 FRIT 7331 - Leadership of the School Library Media Program (3)  
 FRIT 7332 - The School Library Literacy Environment (3)  
 ###FRIT 7734 - Practicum in School Library Media (3)

**Content Electives .....6 Hours**

# Requires FRIT 7231 as a prerequisite.

### Admission into FRIT 7734 requires completion of all program specific required courses and acceptable level performance on all program key assessments.

**OTHER PROGRAM REQUIREMENTS**

- If the student does not possess a Professional Level Four Certificate or equivalent in a teaching field, courses in curriculum design and special education are required for school library certification (S-5). These courses should be selected following consultation with an advisor.
- All candidates for a Master’s Degree in Instructional Technology are required to submit an electronic professional portfolio as a requirement for graduation.
- Must maintain an account on the College’s electronic data-management system.
- Must successfully complete assessments identified at each program transition point.
- ITEC 7530 may not be used as credit toward the Instructional Technology M.Ed. Program elective.

**DUAL CERTIFICATION CONCENTRATION:  
 SCHOOL LIBRARY MEDIA AND INSTRUCTIONAL TECHNOLOGY, 42 HOURS**

**Professional Education Core Requirements .....6 Hours**

FRER 7130 - Educational Research (3)  
 FRLT 7130 - Learning Theories and Applications (3)

**Specific Requirements .....36 Hours**

FREC 7232 - Children’s Literature (3) **OR** FRMS 7331 - Early Adolescent Literature (3)  
 FRIT 7231 - Instructional Design (3)  
 FRIT 7232 - Visionary Leadership in Instructional Technology (3)  
 FRIT 7233 - Selection and Development of Digital Tools and Resources (3)  
 FRIT 7234 - Information Fluency and Inquiry Learning (3)  
 #FRIT 7235 - Digital Learning Environments (3)  
 #FRIT 7236 - Technology-Based Assessment and Data Analysis (3)  
 #FRIT 7237 - Evaluation of Educational Needs and Programs (3)  
 FRIT 7331 - Leadership of the School Library Media Program (3)  
 FRIT 7332 - The School Library Literacy Environment (3)  
 ###FRIT 7734 - Practicum in School Library Media (3)  
 ##FRIT 7739 - Practicum in Instructional Technology (3)

Candidates completing this course of study do not take any electives.

# Requires FRIT 7231 as a prerequisite.

## Admission into FRIT 7739 requires completion of all program specific required courses and acceptable level performance on all program key assessments.

###Admission into FRIT 7734 requires completion of all program specific required courses and acceptable level performance on all program key assessments.

**OTHER PROGRAM REQUIREMENTS**

- All candidates for a Master’s Degree in Instructional Technology are required to submit an electronic professional portfolio as a requirement for graduation.
- Must maintain an account on the College’s electronic data-management system.
- Must successfully complete assessments identified at each program transition point.
- ITEC 7530 may not be used as credit toward the Instructional Technology M.Ed. Program elective.

# INSTRUCTIONAL TECHNOLOGY

## Ed.S., 30 HOURS

### (Online)

**Advising:** Department of Leadership, Technology and Human Development, Dr. Charles Hodges (Associate Professor and Ed.S. Program Coordinator). P.O. Box 8131, Statesboro, GA 30460-8131, (912) 478-0497, itec@georgiasouthern.edu, Fax: 912-478-7104, <http://coe.georgiasouthern.edu/lthd/itech.html>.

#### Admission Requirements

##### Regular

1. Complete requirements for a Master's degree in Instructional Technology or closely related field such as Library & Information Science; or possess a Master's degree in another field that includes a minimum of 18 graduate semester credit hours of instructional technology coursework. The Master's degree must be from a regionally accredited institution.
2. Present a 3.25 or higher GPA on all graduate work attempted.
3. Students seeking certification in Instructional Technology through the Ed.S. program must possess a clear, renewable teaching certificate. Initial certification in school library/media is not available through the Ed.S. program.
4. Present current official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Examination (GRE). If the applicant holds a Master's degree from Georgia Southern University with at least a 3.50 graduate GPA, the GRE or MAT is not required.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

##### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

### CONCENTRATION: SCHOOL LIBRARY MEDIA SPECIALIST

<b>Research Sequence Requirements</b> .....	<b>9 Hours</b>
EDUR 8131 - Educational Statistics I (3)	
*EDUR 8434 - Field-Based Educational Research (3)	
**ITEC 8838 - Field-Based Research in School Library Media (3)	
<b>Major Requirements</b> .....	<b>15 Hours</b>
ITEC 8130 - Advanced Media Management and Supervision (3)	
#ITEC 8133 - Current Trends and Issues in Instructional Technology (3)	
***ITEC 8134 - Theories and Models of Instructional Design (3)	
**** ITEC 8135 - Pedagogy of Distance Learning (3)	
ITEC 8636 - Technology, Leadership and Change (3)	
++ <b>Electives (must include 3 hours of ITEC electives)</b> .....	<b>6 Hours</b>

#### OTHER PROGRAM REQUIREMENTS

- Successful completion of the Ed.S. Comprehensive Exit Assessment involves constituting a three faculty member advisory committee to guide field study, and completing and presenting a major field-based action research project.
- All program requirements, including the Comprehensive Exit Assessment, will be completed online using appropriate technologies.
- Must successfully complete assessments identified at each program transition point.

\*Prerequisite(s): EDUR 8131, ITEC 8133, ITEC 8134, ITEC 8135, ITEC 8636

\*\*Prerequisite(s): EDUR 8131, EDUR 8434, ITEC 8133, ITEC 8134, ITEC 8135, ITEC 8636

\*\*\*Prerequisite(s): ITEC 7430 or a course in Instructional Design

\*\*\*\*Prerequisite(s): ITEC 8134

#Must be taken during the first 9 hours; Prerequisite(s): Admission into the Ed.S. in Instructional Technology

++Candidates must select electives in consultation with their advisor or the program coordinator.

### CONCENTRATION: INSTRUCTIONAL TECHNOLOGY

<b>Research Sequence Requirements</b> .....	<b>9 Hours</b>
EDUR 8131 - Educational Statistics I (3)	
*EDUR 8434 - Field-Based Educational Research (3)	
**ITEC 8839 - Field-Based Research in Instructional Technology (3)	
<b>Major Requirements</b> .....	<b>12 Hours</b>

#ITEC 8133 - Current Trends and Issues in Instructional Technology (3)  
\*\*ITEC 8134 - Theories and Models of Instructional Design (3)  
\*\*\* ITEC 8135 - Pedagogy of Distance Learning (3)  
ITEC 8636 - Technology, Leadership and Change (3)

++**Electives (must include 6 hours of ITEC electives).....9 Hours**

**OTHER PROGRAM REQUIREMENTS**

- Successful completion of the Ed.S. Comprehensive Exit Assessment involves constituting a three faculty member advisory committee to guide field study, and completing and presenting a major field-based action research project.
- Candidates seeking certification in Instructional Technology must focus required course activities in ITEC 8133, ITEC 8134 and ITEC 8839 on their field of initial certification.
- Candidates must maintain an account on the electronic data-based management system used by the College.
- All program requirements, including the Comprehensive Exit Assessment, will be completed online using appropriate technologies.
- Must successfully complete assessments identified at each program transition point

*\*Prerequisite(s): EDUR 8131, ITEC 8133, ITEC 8134, ITEC 8135, ITEC 8636*

*\*\*Prerequisite(s): EDUR 8131, EDUR 8434, ITEC 8133, ITEC 8134, ITEC 8135, ITEC 8636*

*\*\*\*Prerequisite(s): ITEC 7430 or a course in Instructional Design*

*\*\*\*\*Prerequisite(s): ITEC 8134*

*#Must be taken during the first 9 hours; Prerequisite(s): Admission into the Ed.S. in Instructional Technology*

++Candidates must select electives in consultation with their advisor or the program coordinator.

# INSTRUCTIONAL TECHNOLOGY CERTIFICATION (Non-degree)

## 24 HOURS

### (Online)

The courses in this program are offered 100% online.

**Advising:** Department of Leadership, Technology, and Human Development, Dr. Charles Hodges, P.O. Box 8131, Statesboro, GA 30460, (912) 478-0497, itec@georgiasouthern.edu, Fax: (912) 478-7104, <http://coe.georgiasouthern.edu/lthd/itech.html>.

#### Admission Requirements

##### Regular

1. Complete requirements for a Master's degree in education from a regionally accredited institution.
2. Possess a Professional Level Four Certificate or equivalent in a teaching field.
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
4. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

##### Specific Requirements .....24 Hours

- FRIT 7231 - Instructional Design (3)
- FRIT 7232 - Visionary Leadership in Instructional Technology (3)
- FRIT 7233 - Selection and Development of Digital Tools and Resources (3)
- FRIT 7234 - Information Fluency and Inquiry Learning (3)
- #FRIT 7235 - Digital Learning Environments (3)
- #FRIT 7236 - Technology-Based Assessment and Data Analysis (3)
- #FRIT 7237 - Needs Assessment and Program Evaluation (3)
- ##FRIT 7739 - Practicum in Instructional Technology (3)

*# Requires FRIT 7231 as a prerequisite*

*## Admission into FRIT 7739 requires completion of all program specific required courses and acceptable level performance on all program key assessments*

#### OTHER PROGRAM REQUIREMENTS

- All candidates for certification in Instructional Technology are required to submit an electronic professional portfolio as a requirement for graduation.
- Must maintain an account on the College's electronic data-management system.
- Must successfully complete assessments identified at each program transition point.
- ITEC 7530 (or equivalent course) may not be used as credit toward Instructional Technology certification.

# SCHOOL LIBRARY MEDIA CERTIFICATION (Non-degree) 24 HOURS (Online)

The courses in this program are offered 100% online.

**Advising:** Department of Leadership, Technology, and Human Development, Dr. Charles Hodges, P.O. Box 8131, Statesboro, GA 30460, (912) 478-0497, itec@georgiasouthern.edu, Fax: (912) 478-7104, <http://coe.georgiasouthern.edu/lthd>.

## Admission Requirements

### Regular

1. Complete requirements for a Master's degree from a regionally accredited institution.
2. Possess a Professional Level Four Certificate or equivalent in a teaching field. Persons not holding Level Four Certification may be admitted to either concentration, however, additional hours will be required.
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
4. For students who do not possess a Level Four Certificate, present official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Examination (GRE). Students who hold a clear, renewable T-4 certificate are not required to submit GRE or MAT scores.
5. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.
6. Persons seeking initial school library media certification not holding Level Four Certification must submit passing scores on the GACE Basic Skills Assessment or be exempt by acceptable SAT, ACT, or GRE scores.

### Specific Requirements .....24 Hours

- FREC 7232 - Children's Literature OR FRMS 7331 - Early Adolescent Literature (3)
- FRIT 7231 - Instructional Design (3)
- FRIT 7233 - Selection and Development of Digital Tools and Resources (3)
- FRIT 7234 - Information Fluency and Inquiry Learning (3)
- #FRIT 7235 - Digital Learning Environments (3)
- FRIT 7331 - Leadership of the School Library Media Program (3)
- FRIT 7332 - The School Library Literacy Environment (3)
- ###FRIT 7734 - Practicum in School Library Media (3)

*# Requires FRIT 7231 as a prerequisite*

*### Admission into FRIT 7734 requires completion of all program specific required courses and acceptable level performance on all program key assessments*

### OTHER PROGRAM REQUIREMENTS

- All candidates for certification in school library media are required to submit an electronic professional portfolio as a requirement for graduation.
- Must maintain an account on the College's electronic data-management system.
- Must successfully complete assessments identified at each program transition point.
- ITEC 7530 (or equivalent course) may not be used as credit toward certification.

# MIDDLE GRADES EDUCATION (Grades 4-8)

## M.Ed., 36 HOURS

### (Online)

**Advising:** Graduate Academic Services Center. Ms. Theresa Duggar, P.O. Box 8083, Statesboro, GA 30460, (912) 478-8598, [tduggar@georgiasouthern.edu](mailto:tduggar@georgiasouthern.edu), Fax: (912) 478-5093, <http://coe.georgiasouthern.edu/tandl/>.

**Concentrations:** Candidates must select one area of concentration from the areas in which they are currently certified.

- Middle Grades Language Arts
- Middle Grades Mathematics
- Middle Grades Reading
- Middle Grades Science
- Middle Grades Social Studies.

#### Admission Requirements

##### Regular

1. Complete requirements for a Bachelor's degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Four Certificate or equivalent in Middle Grades Education, with certification in one of the following concentration areas: Middle Grades Language Arts, Middle Grades Mathematics, Middle Grades Reading, Middle Grades Science, and Middle Grades Social Studies. Candidates who have completed all eligibility requirements for the Professional Level Four Certificate have until the end of the first semester to obtain the certificate.
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
4. Present current official report from the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

##### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Professional Education Core Requirements ..... 6 Hours

EDUF 7130 - Learning Theories and Applications (3)

EDUR 7130 - Educational Research (3)

#### \* Content-Specific Concentration Requirements ..... 12 Hours

Complete one advanced pedagogy course in one's concentration areas (3)

MSED 7331 - Early Adolescent Literature (3)

MSED 7535 - Teaching Middle Grades and Secondary Mathematics (3)

MSED 8231 - Trends in Middle and Secondary Science (3)

MSED 8434 - Trends in Middle and Secondary Social Studies (3)

READ 7330 - Literacy in the Content Areas (3)

MSED 8333 - Readings and Research in the Content Areas (3) **OR** MSED 8331 - Trends in the Content Areas (3)

Complete two additional content courses (6 hours):

Advanced content or content pedagogy course in the concentration area (3), **OR** MSED 8333 - Readings and Research in the

Content Areas (3), **OR** MSED 8331 - Trends in the Content Areas (3)

#### Specific Requirements ..... 15 Hours

MGED 8131 - Integrated Curriculum for the Middle Grades (3)

MGED 8132 - Effective Middle Schools (3)

\*\*MGED 8633 - Seminar in Middle Grades Education (3)

\*\*\*ESED 5234G - Cultural Issues: ESOL (3)

ESED 7131 - Enhancing Student Performance (3)

#### Elective approved by the advisor ..... 3 Hours

*\*Candidates must complete the Content-Specific Concentration Requirements in one's concentration area: Middle Grades Language Arts, Middle Grades Mathematics, Middle Grades Reading, Middle Grades Science, or Middle Grades Social Studies.*

*\*\*Prerequisite(s): EDUR 7130, MGED 8131, MGED 8132, MSED 8331 or MSED 8333, and advanced methods courses.*

*\*\*\*If ESED 5234/5234G was taken previously, acceptable alternatives include the following: ESED 5233G - Applied Linguistics: ESOL; ESED 5235G - ESOL Methods; READ 7432 - Teaching Literacy with ELLs; LING 6133 - Applied English Grammar; LING 6231 - Language, National, and Globalization; or LING 6233 - Teaching English Internationally.*

**OTHER PROGRAM REQUIREMENTS:**

- Successfully complete assessments identified at each program transition point.

# MIDDLE GRADES EDUCATION (Grades 4-8)

## Ed.S., 33 HOURS

### (Online)

**Advising:** Graduate Academic Services Center. Ms. Lydia Cross, P.O. Box 8083, Statesboro, GA 30460, (912) 478-8664, [lcross@georgiasouthern.edu](mailto:lcross@georgiasouthern.edu), Fax: (912) 478-5093, <http://coe.georgiasouthern.edu/tandl/>

**Concentrations:** Candidates must select one area of concentration from the areas in which they are currently certified:

- Middle Grades Language Arts
- Middle Grades Mathematics
- Middle Grades Reading
- Middle Grades Science
- Middle Grades Social Studies.

#### Admission Requirements

##### Regular

1. Complete requirements for a Master's degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Five Certificate in Middle Grades Education, with certification in one of the following concentration areas: Middle Grades Language Arts, Middle Grades Mathematics, Middle Grades Reading, Middle Grades Science, and Middle Grades Social Studies. Candidates who have completed all eligibility requirements for the Professional Level Five Certificate have until the end of the first semester to obtain the certificate.
3. Present a 3.25 or higher GPA on all graduate work attempted.
4. Present current official report from the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores. Applicants with a Georgia Southern University graduate degree showing a GPA of 3.5 or higher within the previous seven (7) years may exempt the GRE test requirement.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

##### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Prerequisite Coursework:

EDUF 7130 - Learning Theories and Applications (3)

EDUR 7130 - Educational Research (3)

#### Core Requirements.....15 Hours

EDUR 8131 - Educational Statistics I (3)

++ESED 5233G - Applied Linguistics: ESOL (3)

#ESED 8130 - Research on Current Trends and Issues (3)

+ESED 8131 - Teacher Leadership (3)

ITEC 8231 - Transforming Learning with Technology (3)

#### \*Content Specific Requirements.....9 Hours

\*\*EDUR 8434 - Field-Based Educational Research (3)

+ESED 8132 - Curriculum and Instruction (3)

\*\*\*ESED 8839 - Seminar and Field Study (3)

#### Electives.....9 Hours

#### OTHER PROGRAM REQUIREMENTS

\* Ed.S. candidates must complete the Content Specific Requirements (\*) in one's concentration area: Middle Grades Language Arts, Middle Grades Mathematics, Middle Grades Reading, Middle Grades Science, and Middle Grades Social Studies.

- Successful completion of the Ed.S. Comprehensive Exit Assessment; involves constituting a three faculty advisory committee to guide field study, and requires the completion and oral presentation of a major field-based action research paper
- Must successfully complete assessments identified at each program transition point

\*\*Prerequisite(s): EDUR 8131, ESED 8130, ESED 8131, ESED 8132, ITEC 8231

\*\*\*Prerequisite(s): EDUR 8131, EDUR 8434, ESED 8130, ESED 8131, ESED 8132, ITEC 8231

#Must be taken during the first 9 hours; Prerequisite(s): Admission into the Ed.S. in Middle Grades Education

+Prerequisite(s): ESED 8130 or concurrently enrolled.

++If ESED 5233/5233G was taken previously, acceptable alternatives include the following: ESED 5234G - Cultural Issues: ESOL; ESED 5235G - ESOL Methods; READ 7432 - Teaching Literacy with ELLs; LING 6133 - Applied English Grammar; LING 6231 - Language,



*National, and Globalization; or LING 6233 - Teaching English Internationally.*

## READING EDUCATION, M.Ed., (Online), 36 HOURS

**Advising:** Department of Curriculum, Foundations, and Reading, Dr. Michael Moore, P. O. Box 8144, Statesboro, GA 30460, (912) 478-0211, mmoore@georgiasouthern.edu, Fax: (912) 478-5382, <http://coe.georgiasouthern.edu/reading/>.

### Admission Requirements

#### Regular

1. Complete requirements for a bachelor's degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Four Certificate or equivalent in a teaching field. Candidates who have completed all eligibility requirements for the Professional Level Four Certificate have until the end of the first semester to obtain the certificate. Persons with a Master's degree in a related field may be admitted into the program if not seeking certification.
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
4. Present current official report from the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

#### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Professional Education Core Requirements ..... 9 Hours

- EDUC 7130 - Curriculum Theories and Design (3)
- EDUF 7130 - Learning Theories and Applications (3)
- EDUR 7130 - Educational Research (3)

#### Specific Requirements ..... 18 Hours

- READ 7131 - Approaches to Literacy Instruction (3)
- READ 7132 - Literacy Assessment and Correction (3) (field experience required)
- READ 7230 - Issues and Trends in Literacy (3)
- READ 7330 - Literacy in the Content Areas (3)
- READ 7431 - Digital Literacies in the 21st Century (3)
- READ 7432 - Teaching Literacy with English Language Learners (3) (field experience required)

#### Restricted Electives..... 6 Hours

Select 6 hours from the following:

- ECED 7232 - Children's Literature (3)
- MSED 8331 - Trends in the Content Areas (3)
- MSED 7331 - Early Adolescent Literature (3)
- MSED 7333 - Writing Instruction for the Middle and Secondary Schools (3)
- READ 7234 - The Role of the Literacy Coach in Today's Schools (3)
- READ 8130 - Literacy Assessment and Correction II (3) (field experience required)
- SPED 7136 - Language Development (3)
- WRIT 5130G - Modern English Grammar (3)
- WRIT 5330G - History of English Language (3)
- WRIT 5530G - Sociolinguistics (3)
- WRIT 7260 - Writing Project (6)

#### Free Electives ..... 3 Hours

### OTHER PROGRAM REQUIREMENTS

- Must successfully complete assessments identified at each program transition point including the Literacy Exit Experience.
- All students in the M.Ed. program must pass the GACE to obtain initial certification in Reading Education.

## READING EDUCATION (K-12) Ed.S., 33 HOURS (Online)

**Advising:** Department of Curriculum, Foundations, and Reading, Dr. Michael Moore, P. O. Box 8144, Statesboro, GA 30460, (912) 478-0211, mmoore@georgiasouthern.edu, Fax: (912) 478-5382, http://coe.georgiasouthern.edu/reading/.

**Admission Requirements**

**Regular**

1. Complete requirements for a Master’s degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Five Certificate in Reading Education. Candidates who have completed all eligibility requirements for the Professional Level Five Certificate have until the end of the first semester to obtain the certificate.
3. Present a 3.25 or higher GPA on all graduate work attempted.
4. Present current official report from the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores. Applicants with a Georgia Southern University graduate degree showing a GPA of 3.5 or higher within the previous seven (7) years may exempt the GRE test requirement.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant’s reasons for pursuing graduate study and how admission into the program relates to the applicant’s professional aspirations.
6. Submit a completed “Disclosure and Affirmation Form” that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

**Provisional**

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of “B” or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

**Prerequisite Coursework:**

- EDUF 7130 - Learning Theories and Applications (3)
- EDUR 7130 - Educational Research (3)

**Core Requirements.....15 Hours**

- EDUR 8131 - Educational Statistics I (3)
- ESED 5233G - Applied Linguistics: ESOL (3)
- #ESED 8130 - Research on Current Trends and Issues (3)
- +ESED 8131 - Teacher Leadership (3)
- ITEC 8231 - Transforming Learning with Technology (3)

**\*Content Specific Requirements.....9 Hours**

- \*\*EDUR 8434 - Field-Based Educational Research (3)
- +ESED 8132 - Curriculum and Instruction (3)
- \*\*\*READ 8839 - Field Project in Reading (3)

**Electives.....9 Hours**

**OTHER PROGRAM REQUIREMENTS**

\* *Ed.S. candidates must complete the Content Specific Requirements (\*) in Reading Education.*

- Successful completion of the Ed.S. Comprehensive Exit Assessment; involves constituting a three faculty advisory committee to guide field study, and requires the completion and oral presentation of a major field-based action research paper.
- Must successfully complete assessments identified at each program transition point.

\*\**Prerequisite(s): EDUR 8131, ESED 8130, ESED 8131, ESED 8132, ITEC 8231*

\*\*\**Prerequisite(s): EDUR 8131, EDUR 8434, ESED 8130, ESED 8131, ESED 8132, ITEC 8231*

#*Must be taken during the first 9 hours; Prerequisite(s): Admission into the Ed.S. in Reading Education.*

+*Prerequisite(s): ESED 8130 or concurrently enrolled.*

# SCHOOL PSYCHOLOGY

## Ed.S., 78 HOURS

**Advising:** Department of Leadership, Technology and Human Development, Dr. Jeffrey Tysinger, P.O. Box 8131, Statesboro, GA 30460, (912) 478-5051, [jtysinger@georgiasouthern.edu](mailto:jtysinger@georgiasouthern.edu), Fax: (912) 478-7104, <http://coe.georgiasouthern.edu/lthd/>.

**Program Intent:** This program provides training to serve children and adolescents with learning, behavioral, or emotional problems in educational settings. After successful completion of 36 hours of course work and passing a written comprehensive examination, students may be awarded an interim M.Ed. degree and continue on in the program to complete the remaining requirements of the Ed.S. degree. The 36 hours required for the interim M.Ed. include the following courses: Professional Education Core Requirements (6 hrs), Specific Requirements (27 hrs), and EDUR 7130 (3 hrs). Professional entry-level in the field of School Psychology requires Professional Level Six (S-6) Certification which is acquired after successful completion of the prescribed Ed.S. Program of Study and a passing score on the GACE examination in School Psychology.

### Admission Requirements

#### Regular

1. Complete requirements for a bachelor's degree in the social sciences or in education from a regionally accredited institution.
2. Present a cumulative 3.00 (4.0 scale) or higher GPA on all undergraduate and graduate work (if any) combined.
3. Present current official report from the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores.
4. Submit a personal statement of purpose that includes reasons for selecting school psychology as a career, self evaluation of personal qualities that would be brought into the program, and the impacts the applicant believes school psychologists should have on the lives of children.
5. Submit three letters of recommendation from persons well acquainted with the applicant's academic and/or professional performance.
6. Participate in an interview on-campus or by phone if notified.
7. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance. Students who are accepted into the program must agree to abide by the ethical principles established by the National Association of School Psychologists. Documentation of professional liability insurance must be submitted to the assigned advisor at the beginning of the first semester.

#### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Required for Certification

SPED 6130 - Introduction to Special Education (3)

**Professional Education Core Requirements** ..... **6 Hours**

EDUC 7130 - Curriculum Theories (3) **OR** READ 7131 - Approaches to Literacy Instruction (3)

EDUF 7130 - Learning Theories and Applications (3)

**Specific Requirements** ..... **27 Hours**

COUN 7332 - Theories of Counseling (3)

COUN 7333 - Models and Techniques of Counseling (3)

COUN 7338 - Life-Span Development (3)

ESPY 7130 - Professional School Psychology (3)

ESPY 7131 - Behavioral Interventions (3)

ESPY 7132 - Classroom-based Performance and Psychometrics (3)

ESPY 7133 - Implications of Child Psychopathology in Schools (3)

ESPY 7230 - Developmental Diagnosis in Early Childhood (3)

ITEC 7430 - Instructional Design (3)

**Research Sequence Requirements** ..... **12 Hours**

EDUR 7130 - Educational Research (3)

EDUR 8131 - Educational Statistics I (3)

EDUR 8434 - Field-based Educational Research (3) \*

ESPY 8839 - Action Research in School Psychology (3)

**Specialized School Psychology Content Requirements** ..... **24 Hours**

ESPY 8130 - Curriculum-based Assessment and Response-to-Intervention (3)

ESPY 8131 - Individual Intellectual Assessment (3)

ESPY 8132 - Addressing Diversity in School-based Conceptualization (3)

ESPY 8133 - Personality and Behavioral Assessment in the Schools (3)

ESPY 8135 - Crisis Intervention and Prevention (3)

ESPY 8136 - School, Home, and Community Partnering (3)

ESPY 8230 - Consulting in Educational Settings (3)

ESPY 8631 - Seminar in School Psychology (3)

**Applied School Psychology Content Requirements** ..... **9 Hours**

ESPY 8737 - Practicum in School Psychology (3)

ESPY 8738 - School Psychology Internship I (3)

ESPY 8739 - School Psychology Internship II (3)

### OTHER PROGRAM REQUIREMENTS

- Successful completion of 36 hours and written School Psychology Comprehensive exam are required to obtain the interim M.Ed. degree. Students may only take this exam twice and must pass it to receive the M.Ed. degree and to continue on in the program.
- Successful completion of Ed.S. Comprehensive Exit Examination; involves constituting a three-faculty advisory committee to guide field study, and requires the completion and oral presentation of a major field-based research paper.
- Must successfully complete assessments identified at each program transition point.
- Must successfully complete key assessments in the program.

*NOTE: Successful completion of GACE Examination required for S-6 Certification in School Psychology.*

\*This course requires approval of a research topic before entering the class.

## SECONDARY EDUCATION (Grades 6-12)

### M.Ed., 36 HOURS

#### (Online)

**Advising:** Graduate Academic Services Center. Ms. Theresa Duggar, P.O. Box 8083, Statesboro, GA 30460, (912) 478-8598, [tduggar@georgiasouthern.edu](mailto:tduggar@georgiasouthern.edu), Fax: (912) 478-5093, <http://coe.georgiasouthern.edu/tandl/>.

**Concentrations:** Candidates must select a concentration in their area of certification:

- Biology Education
- Broad Fields Science Education
- Business Education
- Chemistry Education
- Economics Education
- English Education
- Geography Education
- History Education
- Mathematics Education
- Physics Education
- Political Science Education

#### Admission Requirements

##### Regular

1. Complete requirements for a Bachelor's degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Four Certificate or equivalent in one of the following certification areas: biology, broad fields science, business, chemistry, economics, English, geography, history, mathematics, physics, or political science. Candidates who have completed all eligibility requirements for the Professional Level Four Certificate have until the end of the first semester to obtain the certificate.
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
4. Present current official report from the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

##### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Professional Education Core Requirements ..... 6 Hours

EDUF 7130 - Learning Theories & Applications (3)

EDUR 7130 - Educational Research (3)

#### \*Content-Specific Requirements ..... 12 Hours

Select one of the following advanced pedagogy courses in the concentration area in which one is certified:

MSED 7331 - Early Adolescent Literature (3)

MSED 7433 - Teaching Business Education in the Secondary Schools (3)

MSED 7535 - Teaching Middle Grades and Secondary Mathematics (3)

MSED 8231 - Trends in Middle and Secondary Science (3)

MSED 8434 - Trends in Middle and Secondary Social Studies (3)

MSED 8333 - Readings and Research in the Content Areas (3) **OR** MSED 8331 - Trends in the Content Areas (3)

READ 7330 - Literacy in the Content Areas (3)

One additional advanced content or content pedagogy course in the concentration area in which one is certified (3), **OR** MSED 8333 - Readings and Research in the Content Areas, **OR** MSED 8331 - Trends in the Content Areas (3)

#### Specific Requirements ..... 12 Hours

\*\*\*ESED 5234G - Cultural Issues: ESOL (3)

ESED 7131 - Enhancing Student Performance (3)

ESED 7133 - Trends, Issues, and Research in Education (3)

\*\*SCED 8633 - Seminar in Secondary Education (3)

#### Electives approved by the advisor ..... 6 Hours

*\*Candidates must complete the Content-Specific Requirements in their area of certification: Biology Education, Broad Fields Science Education, Business Education, Chemistry Education, Economics Education, English Education, Geography Education, History Education, Mathematics Education, Physics Education, or Political Science Education.*

*\*\*Prerequisite(s): EDUR 7130, MSED 8333 or MSED 8331, and advanced methods course.*

*\*\*\*If ESED 5234/5234G was taken previously, acceptable alternatives include the following: ESED 5233G - Applied Linguistics: ESOL; ESED 5235G - ESOL Methods; READ 7432 - Teaching Literacy with ELLs; LING 6133 - Applied English Grammar; LING 6231 - Language, National, and Globalization; or LING 6233 - Teaching English Internationally.*

**OTHER PROGRAM REQUIREMENTS:**

- Successfully complete assessments identified at each program transition point.

## SECONDARY EDUCATION (Grades 6-12)

### Ed.S., 33 HOURS

#### (Online)

**Advising:** Graduate Academic Services Center. Ms. Lydia Cross, P.O. Box 8083, Statesboro, GA 30460, (912) 478-8664, [lcross@georgiasouthern.edu](mailto:lcross@georgiasouthern.edu), Fax: (912) 478-5093, <http://coe.georgiasouthern.edu/tandl/>

**Concentrations:** Candidates must select a concentration in their area of certification:

- Biology Education
- Broad Fields Science Education
- Business Education
- Chemistry Education
- Economics Education
- English Education
- Geography Education
- History Education
- Mathematics Education
- Physics Education
- Political Science Education

#### Admission Requirements

##### Regular

1. Complete requirements for a Master's degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Five Certificate in one of the secondary education certification fields: biology, broad fields science, business, chemistry, economics, English, geography, history, mathematics, physics, or political science. Candidates who have completed all eligibility requirements for the Professional Level Five Certificate have until the end of the first semester to obtain the certificate.
3. Present a 3.25 or higher GPA on all graduate work attempted.
4. Present current official report from the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores. Applicants with a Georgia Southern University graduate degree showing a GPA of 3.5 or higher within the previous seven (7) years may exempt the GRE test requirement.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

##### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Prerequisite Coursework:

EDUF 7130 - Learning Theories and Applications (3)

EDUR 7130 - Educational Research (3)

#### Core Requirements.....15 Hours

EDUR 8131 - Educational Statistics I (3)

++ESED 5233G - Applied Linguistics: ESOL (3)

#ESED 8130 - Research on Current Trends and Issues (3)

+ESED 8131 - Teacher Leadership (3)

ITEC 8231 - Transforming Learning with Technology (3)

#### \*Content Specific Requirements.....9 Hours

\*\*EDUR 8434 - Field-Based Educational Research (3)

+ESED 8132 - Curriculum and Instruction (3)

\*\*\*ESED 8839 - Seminar and Field Study (3)

#### Electives.....9 Hours

#### OTHER PROGRAM REQUIREMENTS

\* Ed.S. candidates must complete the Content Specific Requirements (\*) in one's secondary certification field: biology, broad fields science, business, chemistry, economics, English, geography, history, mathematics, physics, or political science.

- Successful completion of the Ed.S. Comprehensive Exit Assessment; involves constituting a three faculty advisory committee to guide field study, and requires the completion and oral presentation of a major field-based action research paper.
- Must successfully complete assessments identified at each program transition point.



*\*\*Prerequisite(s): EDUR 8131, ESED 8130, ESED 8131, ESED 8132, ITEC 8231*

*\*\*\*Prerequisite(s): EDUR 8131, EDUR 8434, ESED 8130, ESED 8131, ESED 8132, ITEC 8231*

*#Must be taken during the first 9 hours; Prerequisite(s): Admission into the Ed.S. in Secondary Education.*

*+Prerequisite(s): ESED 8130 or concurrently enrolled.*

*++If ESED 5233/5233G was taken previously, acceptable alternatives include the following: ESED 5234G - Cultural Issues: ESOL; ESED 5235G - ESOL Methods; READ 7432 - Teaching Literacy with ELLs; LING 6133 - Applied English Grammar; LING 6231 - Language, National, and Globalization; or LING 6233 - Teaching English Internationally.*

## SPECIAL EDUCATION (Grades P-12), M.Ed., (Online), 36 HOURS

**Advising:** Graduate Academic Services Center. Ms. Theresa Duggar, P.O. Box 8083, Statesboro, GA 30460, (912) 478-8598, tduggar@georgiasouthern.edu, Fax: (912) 478-5093, <http://coe.georgiasouthern.edu/tandl/>.

**Concentrations:** Candidates must select one area of concentration from the areas in which they are currently certified: Adaptive Curriculum or General Curriculum.

### Admission Requirements

#### Regular

1. Complete requirements for a Bachelor's degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Four Certificate or equivalent in Special Education with certification in one or more of the following concentrations: Adaptive Curriculum and General Curriculum. Candidates who have completed all eligibility requirements for the Professional Level Four Certificate have until the end of the first semester to obtain the certificate..
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
4. Present current official report from the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

#### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

### Prerequisites

- READ 4131 - The Teaching of Reading (3) **OR** READ 7131 - Approaches to Literacy Instruction (3)
- SPED 6130 - Introduction to Special Education (3)
- SPED 6230 - Assessment and Procedures in Special Education (3)
- SPED 6231 - Special Education Laws and Procedures (3)
- SPED 6330 - Classroom Management (3)

### Program of Study for Certification Areas

#### Professional Education Core Requirements.....6 Hours

- EDUF 7130 - Learning Theories and Applications (3)
- EDUR 7130 - Educational Research (3)

#### \*Concentration Area Courses.....12 Hours

Select one of the following Curriculum Areas in which one is currently certified:

##### Moderate-Severe Disabilities-Adaptive Curriculum

- SPED 7630 - Seminar in Special Education (3)
- SPED 7634 - Characteristics of Low Incidence Populations (3)
- SPED 7635 - Methods for Low Incidence Populations (3)
- SPED 7633 - Introduction to Augmentative Language (3) **OR** SPED 7136 - Language Development (3)

##### Mild Disabilities - General Curriculum

- SPED 7630 - Seminar in Special Education (3)
- SPED 7631 - Perspectives on Characteristics of Mild Disabilities (3)
- SPED 7632 - Methods for Mild Disabilities (3)
- SPED 7136 - Language Development (3)

#### Specialized Content for Teaching.....9 Hours

- \*\*ESED 5234G - Cultural Issues: ESOL (3)
- SPED 7133 - Collaboration Across the Life Span (3)
- SPED 7796 - Internship (3)

#### Reading Electives.....9 Hours

- READ 7132 - Literacy Assessment and Correction (3)
- READ 7230 - Issues and Trends in Literacy (3)
- READ 7330 - Literacy in the Content Area (3)

\*Concentration must be in a curriculum area in which one is currently certified: Adaptive Curriculum or General Curriculum.

### OTHER PROGRAM REQUIREMENTS:

- All new master's level candidates must schedule and meet with their assigned Special Education Advisor for a brief advisement orientation meeting prior to their first semester of course work in order to meet the registration requirements of the program.
- Candidates must take courses in sequenced order to meet Special Education Program Key Assessment criteria.
- Successfully complete assessments identified at each program transition point.

*\*\*If ESED 5234/5234G was taken previously, acceptable alternatives include the following: ESED 5233G - Applied Linguistics: ESOL; ESED 5235G - ESOL Methods; READ 7432 - Teaching Literacy with ELLs; LING 6133 - Applied English Grammar; LING 6231 - Language, National, and Globalization; or LING 6233 - Teaching English Internationally.*

## SPECIAL EDUCATION (Grades P-12), Ed.S., (Online), 33 HOURS

**Advising:** Graduate Academic Services Center. Ms. Lydia Cross, P.O. Box 8083, Statesboro, GA 30460, (912) 478-8664, [lcross@georgiasouthern.edu](mailto:lcross@georgiasouthern.edu), Fax: (912) 478-5093, <http://coe.georgiasouthern.edu/tandl/>

**Concentrations:** Candidates must select one area of concentration from the areas in which they are currently certified: Adaptive Curriculum or General Curriculum.

### Admission Requirements

#### Regular

1. Complete requirements for a Master's degree from a regionally accredited institution.
2. Possess or be eligible for a Professional Level Five Certificate in Special Education with certification in one or more of the concentration areas: Adaptive Curriculum or General Curriculum. Candidates who have completed all eligibility requirements for the Professional Level Five Certificate have until the end of the first semester to obtain the certificate.
3. Present a 3.25 or higher GPA on all graduate work attempted.
4. Present current official report from the verbal, quantitative and analytical writing sections of the Graduate Record Examination (GRE) showing competitive scores. Applicants with a Georgia Southern University graduate degree showing a GPA of 3.5 or higher within the previous seven (7) years may exempt the GRE test requirement.
5. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.
6. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

#### Provisional

Applicants may be approved for provisional admission based on the quality of the admission material presented. Provisional students must earn grades of "B" or higher in their first nine (9) hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

#### Prerequisite Coursework:

EDUF 7130 - Learning Theories and Applications (3)

EDUR 7130 - Educational Research (3)

#### Core Requirements.....15 Hours

EDUR 8131 - Educational Statistics I (3)

++ESED 5233G - Applied Linguistics: ESOL (3)

#ESED 8130 - Research on Current Trends and Issues (3)

+ESED 8131 - Teacher Leadership (3)

ITEC 8231 - Transforming Learning with Technology (3)

#### \*Content Specific Requirements.....9 Hours

\*\*EDUR 8434 - Field-Based Educational Research (3)

+ESED 8132 - Curriculum and Instruction (3)

\*\*\*ESED 8839 - Seminar and Field Study (3)

#### Electives.....9 Hours

### OTHER PROGRAM REQUIREMENTS

\* Ed.S. candidates must complete the Content Specific Requirements (\*) in one's concentration area in Special Education: Adaptive Curriculum or General Curriculum.

- Successful completion of the Ed.S. Comprehensive Exit Assessment; involves constituting a three faculty advisory committee to guide field study, and requires the completion and oral presentation of a major field-based action research paper.
- Must successfully complete assessments identified at each program transition point.

\*\*Prerequisite(s): EDUR 8131, ESED 8130, ESED 8131, ESED 8132, ITEC 8231

\*\*\*Prerequisite(s): EDUR 8131, EDUR 8434, ESED 8130, ESED 8131, ESED 8132, ITEC 8231

#Must be taken during the first 9 hours; Prerequisite(s): Admission into the Ed.S. in Special Education

+Prerequisite(s): ESED 8130 or concurrently enrolled.

++If ESED 5233/5233G was taken previously, acceptable alternatives include the following: ESED 5234G - Cultural Issues: ESOL; ESED 5235G - ESOL Methods; READ 7432 - Teaching Literacy with ELLs; LING 6133 - Applied English Grammar; LING 6231 - Language, National, and Globalization; or LING 6233 - Teaching English Internationally.

## TEACHING, M.A.T., 36-51 HOURS

**Advising:** Department of Teaching and Learning, P.O. Box 8134, Statesboro, GA 30460, <http://coe.georgiasouthern.edu/MAT.html>; Concentration One and Two: Dr. Missy Bennett, (912) 478-0356, [mbennett@georgiasouthern.edu](mailto:mbennett@georgiasouthern.edu), Fax: (912) 478-0026; Concentration Three: Dr. Eric Landers, (912) 478-1549, [ericlanders@georgiasouthern.edu](mailto:ericlanders@georgiasouthern.edu), Fax: (912) 478-0026; Concentration Four: Dr. David Alley, (912) 478-0246, [dalley@georgiasouthern.edu](mailto:dalley@georgiasouthern.edu), Fax: (912) 478-0026.

**Program Intent and Admission Requirements:**

The Master of Arts in Teaching (MAT) leads to initial teaching certification and a master’s degree for those persons who hold a bachelors degree from a regionally accredited institution. There are four study concentrations/tracks based on educational background and career goals:

**Study Concentration 1:** Secondary Education certification (6-12) for candidates who hold a bachelor’s degree in English, business, mathematics, history, geography, economics, political science, chemistry, biology, geology, physics, child and family development, fashion merchandising and apparel design, hotel and restaurant management, nutrition and food science, interior design, home economics, housing and consumer economics, or related field.

**Study Concentration 2:** Middle Grades certification (4-8) for candidates who hold a bachelor’s degree. Candidates must complete two teaching concentrations from language arts, science, social studies, and mathematics.

**Study Concentration 3:** Special Education certification (P-12) for candidates who hold a bachelor’s degree in psychology, counseling, child and family development, or a closely-related field.

**Study Concentration 4:** P-12 Education certification for candidates who hold a bachelor’s degree in Spanish.

The total hours for the degree are dependent on previous course work completed in the area of certification. A transcript evaluation by the College of Education’s Director of Advisement and Certification is required at the outset. Prerequisite content course work, based on the transcript evaluation, must be completed as a non-degree student before admission into the program.

**Admission Requirements**

**Regular**

1. Hold a bachelor’s degree from a regionally accredited institution.
2. Present a transcript evaluation by the College of Education’s Director of Advisement and Certification, and completion of specified prerequisite content course work.
3. Present a cumulative 2.50 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
4. Present a total adjusted GPA of 2.75 or higher on all teaching field course work.
5. Present a current official report from the Miller Analogies Test (MAT) or the verbal, quantitative, and analytical writing sections of the Graduate Record Exam (GRE) showing competitive scores.
6. Submit passing scores on the GACE Basic Skills Assessment or be exempt by acceptable SAT, ACT, or GRE scores.
7. Submit a passing score on the GACE Content Assessment in the area for which one is seeking certification, except for the MAT in Special Education.
8. Submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant’s reasons for pursuing graduate study and how admission into the program relates to the applicant’s professional aspirations.
9. Submit a completed “Disclosure and Affirmation Form” that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.
10. International applicants and U.S. citizens whose native language is not English must demonstrate competence in English. Applicants must take and pass the Test of English as a Foreign Language (TOEFL) and post a score of at least 80 (internet-based test, IBT), 213 (computer-based test) or 550 (paper-based test) on the TOEFL. The official TOEFL score may not be more than two years old. Those who do not meet the minimum proficiency standard may be recommended for enrollment in University English courses or for English courses offered by the English Language Program (ELP) on campus prior to admission to the program.
11. If an applicant was previously enrolled in an initial teacher preparation program, an interview must be completed with the Program Coordinator prior to admission to the program.

**Provisional**

Applicants may be approved for Provisional admission based on the quality of the admission material presented. Provisional students must earn grades of B or higher in their first 9 hours of course work after admission and meet any other stipulations outlined by the department to be converted to regular status.

**MAT Program Sequence**

**Study Concentration One:**

**Secondary Education with Teaching Fields in biology, chemistry, physics, history, geography, political science, economics, broad fields science, mathematics, English, family and consumer sciences, or business. Candidates in one of the science fields or social science fields are encouraged to complete additional courses in order to pursue certification in several or all of the disciplines in science or in the social sciences. There is a broad fields science test one can take for candidates seeking certification in one or more of the science fields; however, for the social sciences, candidates must take separate tests for the different social science fields in order to be certified in more than one of the social science disciplines. (Grades 6-12) .....42 Hours**

Prerequisite(s): ITEC 7530 - Instructional Technology Foundations (3) or equivalent.

**Step One - The following courses are prerequisites to Steps Two and Three (Fall Semester Only) (9 Hours):**

MSED 6120 - Introduction to the Middle & Secondary School (2)

MSED 6122 - Curriculum and Instruction (2)  
 MSED 6123 - Middle and Secondary School Practicum (2)  
 SPED 6130 - Introduction to Special Education (3)

[Admission criteria to the Teacher Education Program (TEP), must be met for progression to Step Two.]

**Step Two: Secondary Education Block\* (Spring Semester Only) (9 hours to be taken concurrently):**

SCED 6131 - Curriculum for the Secondary School (3)

SCED 6738 - Supervised Practicum in Secondary Education (3) **OR** Candidates who are currently teaching full-time on a non-renewable teaching certificate enroll in SCED 6739 - M.A.T. Internship I: Secondary (3)

Select one of the following Appropriate Subject-Specific Courses:

MSED 6237 - Science Methods (3)  
 MSED 6337 - Language Arts Methods (3)  
 MSED 6437 - Social Science Methods (3)  
 MSED 6537 - Mathematics Methods (3)  
 MSED 6637 - Business Education Methods (3)  
 MSED 6737 - Family and Consumer Sciences Methods (3)

**Step Three: Student Teaching/Supervised Internship Semester and Colloquium (12 hours):**

Candidates who are not teaching full-time enroll in SCED 5799G - Student Teaching in Secondary Education (9)

Candidates who are currently teaching full-time on a non-renewable teaching certificate enroll in SCED 6799 - Supervised Internship: Secondary (9)

MSED 7130 - Colloquium (3)

**Step Four: Additional course work required for initial certification (6 hours):**

ESED 5234G - Cultural Issues: ESOL (3)  
 MSED 7132 - Assessment of Student Learning (3)

[Candidates may apply for initial T-4 certification upon successful completion of Steps 1-4]

**Step Five: Course work required for completion of the MAT degree (6 hours):**

EDUR 7130 - Educational Research (3)  
 SCED 8633 - Seminar in Secondary Education (3)

[Candidates may apply for T-5 certification upon successful completion of all program requirements]

**Study Concentration Two:**

**Middle Grades Education (Grades 4-8) .....51 Hours**

Prerequisite(s): ITEC 7530 - Instructional Technology Foundations (3) or equivalent

**Step One - The following courses are prerequisites to Steps Two and Three (Fall Semester Only) (9 Hours):**

MSED 6120 - Introduction to the Middle & Secondary School (2)  
 MSED 6122 - Curriculum and Instruction (2)  
 MSED 6123 - Middle and Secondary School Practicum (2)  
 SPED 6130 - Introduction to Special Education (3)

[Admission criteria to the Teacher Education Program (TEP), must be met for progression to Step Two.]

**Step Two: Middle Grades Education Block (Spring Semester Only) (9 hours to be taken concurrently):**

MGED 6131 - Curriculum for the Middle Grades (3)

MGED 6738 - Supervised Practicum in the Middle Grades (3) **OR** Candidates who are currently teaching full-time on a non-renewable teaching certificate enroll in MGED 6739 - M.A.T. Internship I: Middle Grades (3)

Select one of the following Appropriate Subject-Specific Methods Courses in One's Primary Concentration Area:

MSED 6237 - Science Methods (3)  
 MSED 6337 - Language Arts Methods (3)  
 MSED 6437 - Social Science Methods (3)  
 MSED 6537 - Mathematics Methods (3)

**Step Three: Student Teaching/Supervised Internship and Colloquium (12 hours):**

Candidates who are not teaching full-time enroll in MGED 5799G - Student Teaching in Middle Grades Education (9)

Candidates who are currently teaching full-time on a non-renewable teaching certificate enroll in MGED 6799 - Supervised Internship: Middle Grades (9)

MSED 7130 - Colloquium (3)

**Step Four: Additional course work required for initial certification (12 hours):**

ESED 5234G - Cultural Issues: ESOL(3)  
 MGED 8132 - Effective Middle Schools (3)  
 MSED 7132 - Assessment of Student Learning (3)

Select one of the following Appropriate Subject-Specific Methods Courses in One's Second Concentration Area:

MSED 6237 - Science Methods (3)  
 MSED 6337 - Language Arts Methods (3)  
 MSED 6437 - Social Science Methods (3)  
 MSED 6537 - Mathematics Methods (3)

[Candidates may apply for initial T-4 certification upon successful completion of Steps 1-4]

**Step Five: Additional course work required for completion of the MAT degree (9 hours):**

EDUR 7130 - Educational Research (3)  
 MGED 8131 - Integrated Curriculum for the Middle Grades (3)  
 MGED 8633 - Seminar in Middle Grades Education (3)

[Candidates may apply for T-5 certification upon successful completion of all program requirements]

**Study Concentration Three:**

**Special Education (Grades P-12) (Online).....45-48 Hours**  
 Prerequisite(s): ITEC 3230 - Instructional Technology for Special Education (3) **OR** ITEC 7530 - Instructional Technology Foundations (3) or equivalent

**Step One - The following courses are prerequisites to Steps Two and Three (6-9 Hours):**

- EDUF 7130 - Learning Theories and Applications (3)
- ESED 5234G - Cultural Issues: ESOL (3)
- SPED 6130 - Introduction to Special Education (3)

[Admission criteria to the Teacher Education Program (TEP), must be met for progression to Step Two.]

**Step Two: Special Education Prerequisite Content Block (9 hours):**

- SPED 6230 - Assessment and Procedures in Special Education (3)
- SPED 6231 - Special Education Laws and Procedures (3)
- SPED 6330 - Classroom Management (3)

**Step Three: Special Education Content For Teaching Block (12 hours):**

- SPED 7630 - Seminar in Special Education (3)
- SPED 7631 - Perspectives on Characteristics of Mild Disabilities (3)
- SPED 7632 - Methods for Mild Disabilities (3)
- READ 7131 - Approaches to Literacy Instruction (3)

**Step Four: Student Teaching/Supervised Internship (6-9 hours):**

Candidates who are not teaching full-time enroll in \*\*SPED 5799G - Student Teaching in Special Education (9)  
 Candidates who are currently teaching full-time on a non-renewable teaching certificate enroll in \*\*SPED 7796 - Internship in Special Education (6)

*\*\*Student Teaching/Supervised Internship course includes an exit project for the MAT*

[Candidates may apply for initial T-4 certification upon successful completion of SPED 7796 or SPED 5799G]

**Step Five: Additional Coursework for the MAT degree completion (9 hours):**

- EDUR 7130 - Educational Research (3)
- SPED 7136 - Language Development (3)
- SPED 7133 - Collaboration Across the Life Span (3)

[Candidates may apply for T-5 certification upon successful completion of all program requirements]

**Specific Program Requirements for Concentration Three:**

- All new MAT candidates must schedule and meet with their assigned Special Education Advisor for a brief advisement orientation meeting prior to entering Step Two of the program in order to meet registration requirements.
- Candidates must take courses in sequenced order to meet Special Education Program Key Assessment criteria.
- Candidates must successfully complete an electronic portfolio projects in order to exit the program.

**Study Concentration Four:**

**P-12 Education with Teaching Fields in Spanish .....36 Hours**  
 Prerequisite(s): ITEC 7530 - Instructional Technology Foundations (3) or equivalent

**Step One - The following courses are prerequisites to Steps Two and Three (6 Hours):**

- EDUF 7130 - Learning Theories and Applications (3)
- SPED 6130 - Introduction to Special Education (3)

[Admission criteria to the Teacher Education Program (TEP), must be met for progression to Step Two.]

**Step Two: Foreign Language Pedagogy and Supervised Practicum (9 hours):**

- FORL 6431 - Foreign Language Methods P-5 (3)
- FORL 6432 - Foreign Language Methods 6-12 (3)
- FORL 6433 - Practicum in Foreign Language (3)

**Step Three: Student Teaching/Supervised Internship (9 hours):**

Candidates who are not teaching full-time enroll in ESED 5799G - Student Teaching in P-12 Education (9)  
 Candidates who are currently teaching full-time on a non-renewable teaching certificate enroll in ESED 6799 - Supervised Internship (9)

[Candidates may apply for initial T-4 certification upon successful completion of ESED 6799 or ESED 5799G]

**Step Four: Additional course work required for completion of the MAT degree (12 hours):**

- EDUR 7130 - Educational Research (3)
- SPAN - Graduate level Spanish courses (9)

[Candidates may apply for T-5 certification upon successful completion of all program requirements]

**OTHER PROGRAM REQUIREMENTS (FOR ALL CONCENTRATIONS)**

- Must successfully complete assessments identified at each program transition point.

## **ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL) EDUCATION ENDORSEMENT, 9 HOURS**

**Purpose:** Prepares individuals to teach English to speakers of other languages in grades P-12.

**Admission:** Students seeking to fulfill requirements for this endorsement must complete and submit a College of Education endorsement application through the Graduate Admissions Office. Both new students and students currently enrolled must complete an admission application to earn the endorsement.

**Advising:** Department of Teaching and Learning, Dr. Scott Beck, P.O. Box 8134, Statesboro, GA 30460, (912) 478-0354, [salbeck@georgiasouthern.edu](mailto:salbeck@georgiasouthern.edu), Fax: (912) 478-0026, <http://coe.georgiasouthern.edu/tandl/>

### **Requirements**

1. Hold a bachelor's degree from a regionally accredited institution or admission to the Teacher Education Program.
2. Hold a valid Georgia Professional Level Four Teaching Certificate (T4) or admission to the Teacher Education Program.
3. Complete 9 semester hours of prescribed course work.
  - ESED 5233G - Applied Linguistics: ESOL (3)
  - ESED 5234G - Cultural Issues: ESOL (3)
  - ESED 5235G - Methods for ESOL (3)



# ONLINE TEACHING AND LEARNING ENDORSEMENT 9 HOURS (Online)

**Advising:** Department of Leadership, Technology and Human Development, Dr. Elizabeth Downs, P.O. Box 8131, Statesboro, GA 30460-8131, (912) 478-5634, edowns@georgiasouthern.edu, Fax: 912-478-7104, <http://coe.georgiasouthern.edu/lthd>.

**Admission:** Students seeking to fulfill requirements for this endorsement must complete and submit a College of Education endorsement application through the Graduate Admissions Office. Both new students and students currently enrolled must complete an admission application to earn the endorsement.

## Admission Requirements

1. Complete a minimum of 12 graduate semester credit hours of instructional technology coursework from a regionally accredited institution.
2. Hold a clear renewable teaching certificate, including the Technical Specialist (TS) certificate (level 4 or higher) or Permit (level 4 or higher).
3. Present a 3.25 or higher GPA on all graduate work attempted.
4. Submit a completed Disclosure and Affirmation Form that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

**Required Program Courses** ..... **9 Hours**  
ITEC 8134 - Theories and Models of Instructional Design (3)  
ITEC 8135 - Pedagogy of Distance Learning (3)  
ITEC 8136 - Field Experience in Online Teaching and Learning (3)

## OTHER PROGRAM REQUIREMENTS:

- Successful completion of the program key assessments
- Must successfully complete assessments identified at each program transition point

**READING ENDORSEMENT:  
CLASSROOM TEACHER OF READING PROGRAM  
9 HOURS  
(Online)**

**Purpose.** Prepares individuals to teach reading at the grade levels of their certification.

**Admission:** Students seeking to fulfill requirements for this endorsement must complete and submit a College of Education endorsement application through the Graduate Admissions Office. Both new students and students currently enrolled must complete an admission application to earn the endorsement.

**Advising:** Department of Curriculum, Foundations, and Reading, Dr. Michael Moore, P.O. Box 8144, Statesboro, GA 30460, (912) 478-0211, [mmoore@georgiasouthern.edu](mailto:mmoore@georgiasouthern.edu), Fax: (912) 478-5382, <http://coe.georgiasouthern.edu/reading>.

**Requirements**

1. Hold a bachelor's degree from a regionally accredited institution.
2. Hold a valid professional Georgia teaching certificate (T4).
3. Complete 9 semester hours of prescribed course work.
  - READ 7131 - Approaches to Literacy Instruction (3)
  - READ 7132 - Literacy Assessment and Correction (3)
  - READ 7330 - Literacy in Content Areas (3)
4. Successfully complete all program key assessments.

# 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  
P.O. Box 7995  
(912) 478-7412  
E-mail address: jvargas@georgiasouthern.edu

Associate Dean: David Williams  
Students, Curriculum, and Advisement  
CEIT Building Room 3400  
P.O. Box 7995  
(912) 478-7412  
E-mail address: dwilliams@georgiasouthern.edu

Director: John O'Malley  
RETP and Co-op Programs  
CEIT Building Room 3400  
(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: Shahnam 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

Professors: Shahnam Navaee, 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

Visiting Assistant Professors: H. Rami, A. Rahman

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: A. Mitra, G. Molina, V. Soloiu, D. Williams, A. Desai, M. Rahman, D. Calamas, C. Cai

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 the organization is involved in. 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**

## APPLIED ENGINEERING, M.S.A.E., 30 HOURS THESIS TRACK, 30 HOURS NON-THESIS TRACK

Total Hours: Thesis Track 24 + 6 hours thesis  
 Non-Thesis Track 30 hours

**Advising:** Allen E. Paulson College of Engineering and Information Technology, Dr. Frank Goforth, Georgia Southern University, P.O. Box 8046, Statesboro, GA 30460, (912) 478-7583, FAX: (912) 478-1455, E-mail: fgoforth@georgiasouthern.edu

**Admission Requirements**

**Regular**

1. Completed requirements for the Bachelor's degree at a college or university accredited by the proper regional accrediting association.
2. A 2.75 (4.0 scale) cumulative grade point average or higher on courses in undergraduate work.
3. Minimum Graduate Record Examination (GRE) subtest scores of 450 Verbal plus 500 Quantitative for applicants who took the GRE General Test prior to August 2011. Applicants who took or will take the GRE General Test after August 2011 must present minimum Graduate Record Examination (GRE) subtest scores of 150 Verbal Reasoning plus 144 Quantitative Reasoning. Scores from the Analytical writing section of the Graduate Record Examinations will be reviewed and may be considered in determining admission status recommendations to the College of Graduate Studies.
4. An undergraduate major or the equivalent in the proposed field of study.
5. The Master of Science in Applied Engineering program with an Information Technology concentration requires: a) a bachelor's degree in computer sciences, information systems, information technology, or related field and a minimum of 2-years of work experience in IT or related field; or b) a bachelor's degree and a least 4-years of work experience in IT or related field; or c) permission of the Graduate Program Director.

The Master of Science in Applied Engineering program with an Information Technology or Engineering Management Concentration also accepts admissions requirements for the MBA degree. Those admission requirements are: A standard formula score of 1000 or higher. The standard formula score is calculated by multiplying undergraduate GPA times 200 plus the GMAT score. [(UGPA x 200) + GMAT = 1000].

**Provisional**

A student may be granted provisional admission with a Minimum Graduate Record Examination (GRE) subtest scores of 400 Verbal plus 450 Quantitative for applicants who took the GRE General Test prior to August 2011. Applicants who took or will take the GRE General Test after August 2011 must present minimum Graduate Record Examination (GRE) subtest scores of 146 Verbal Reasoning plus 141 Quantitative Reasoning accompanied by a 2.75 or better (4.0 scale) cumulative grade point average on undergraduate college work. Scores from the Analytical writing section of the Graduate Record Examinations will be reviewed and may be considered in determining admission status recommendations to the College of Graduate Studies. A recommendation by the Master of Science in Applied Engineering Graduate Coordinator is also necessary.

**Non-Degree:**

Non-degree students are accepted on an individual basis as space is available.

**Program Concentrations**

The Master of Science in Applied Engineering degree program provides concentrations in Mechatronics, Energy Science, Engineering Management, and Information Technology.

A minimum of 50% of courses for the Master of Science in Applied Engineering degree must be taken at or above the 6000 level.

**Mechatronics Concentration**

**Thesis Track.....30 Hours**

Core Requirements

- TMAE 7136 - Mechatronics I (3)
- TMAE 7137 - Mechatronics II (3)
- TMAE 7530 - Research in Applied Engineering (3)

Restricted Elective courses at or above the 5000 level (15) as contracted with the faculty advisor and degree coordinator

- TMAE 7999 - Thesis (6)

Other Thesis Track Requirements: Comprehensive Exam

**Non-Thesis Track.....30 Hours**

Core Requirements

- TMAE 7136 - Mechatronics I (3)
- TMAE 7137 - Mechatronics II (3)
- TMAE 7530 - Research in Applied Engineering (3)

Restricted Elective courses at or above the 5000 level (18) as contracted with the faculty advisor and degree coordinator

- TMAE 7891 - Independent Study (3)

Other Requirements for Non-Thesis Track: Comprehensive Examination

**Engineering Management Concentration**

**Thesis Track.....30 Hours**

Core Requirements

- TMAE 7530 - Research in Applied Engineering (3)
- TMAE 7432 - Advanced Engineering Economy (3) **OR** TMAE 5330 - Cost Engineering (3) **OR** FINC 7231 - Financial Problems (3)
- OR** ACCT 7230 - Accounting for Executives (3) **OR** ACCT 7134 - Analysis and Reporting (3)

Restricted Elective courses at or above the 5000 level (18) as contracted with the faculty advisor and degree coordinator

TMAE 7999 - Thesis (6)

Other Thesis Track Requirements: Comprehensive Exam

**Non-Thesis Track.....30 Hours**

Core Requirements

TMAE 7530 - Research in Applied Engineering (3) **OR** STAT 6130 - Statistical Methods for Researchers (3)

TMAE 7432 - Advanced Engineering Economy (3) **OR** TMAE 5330 - Cost Engineering (3) **OR** FINC 7231 - Financial Problems (3)

**OR** ACCT 7230 - Accounting for Executives (3) **OR** ACCT 7134 - Analysis and Reporting (3)

Restricted Elective courses at or above the 5000 level (21) as contracted with the faculty advisor and degree coordinator

TMAE 7891 - Independent Study (3)

Other Non-Thesis Track Requirements: Comprehensive Exam

**Energy Science Concentration**

**Thesis Track.....30 Hours**

Core Requirements

MATH 5530G - Mathematics for Scientists and Engineers (3)

MENG 5136G - Introduction to Finite Element Analysis (3)

TMAE 5139G - Renewable Energy (3)

TMAE 7431 - Advanced Quality Control (3)

TMAE 7530 - Research in Applied Engineering (3)

TSEC 5336G - Environmental Law (3)

Restricted Elective courses at or above the 5000 level (6) as contracted with the faculty advisor and degree coordinator

TMAE 7999 - Thesis (6)

Other Thesis Track Requirements: Comprehensive Exam

**Non-Thesis Track.....30 Hours**

Core Requirements

MATH 5530G - Mathematics for Scientists and Engineers (3)

MENG 5136G - Introduction to Finite Element Analysis (3)

TMAE 5139G - Renewable Energy (3)

TMAE 7431 - Advanced Quality Control (3)

TMAE 7530 - Research in Applied Engineering (3)

TSEC 5336G - Environmental Law (3)

Restricted Elective courses at or above the 5000 level (9) as contracted with the faculty advisor and degree coordinator

TMAE 7891 - Independent Study (3)

Other Non-Thesis Track Requirements: Comprehensive Exam

**Information Technology Concentration**

**Thesis Track.....30 Hours**

Core Requirements

CISM 7330 - Information Technology Management (3) **OR** TMAE 7531 - Technical Management and Leadership (3)

TMAE 7530 - Research in Applied Engineering (3)

TMAE 7532 - Global Technology (3)

Restricted Elective courses at or above the 5000 level (15) as contracted with the faculty advisor and degree coordinator

TMAE 7999 - Thesis (6)

**Non-Thesis Track.....30 Hours**

Core Requirements

CISM 7330 - Information Technology Management (3) **OR** TMAE 7531 - Technical Management and Leadership (3)

TMAE 7532 - Global Technology (3)

TMAE 7530 - Research in Applied Engineering (3)

Restricted Elective courses at or above the 5000 level (18) as contracted with the faculty advisor and degree coordinator

TMAE 7891 - Independent Study (3)

Other Requirements for Non-Thesis Track: Comprehensive Examination

**Thesis**

Each candidate for the Master of Science in Applied Engineering Thesis Track degree must complete a thesis on a subject approved by the graduate thesis committee. The major professor supervises the research, directs the writing of the thesis, and approves the thesis in its final form. Prior to the final approval, the thesis is read by the thesis committee. One member, termed the second reader, has responsibility for an intensive and rigorous criticism of the thesis and a third member of the thesis committee has the responsibility of an "editorial reader." Both second and third readers must report all comments to the major professor. The thesis must be defended in an oral examination before the graduate committee prior to final approval and sign-off.

The style and format for the completed thesis shall follow that prescribed by the Director for the Master of Science in Applied Engineering degree. Procedural steps in the preparation of the thesis are as follows:

- The prospectus for the thesis shall be submitted to the major professor and thesis committee for approval.
- The student must prepare the thesis for electronic submission following the latest version of the Electronic Thesis and Dissertation (ETD): Student Guide to Preparation and Processing manual.
- The thesis must be electronically submitted to the ETD site for format check by the ETD format check submission deadline as stated in the University Calendar.



- The final corrected thesis must be electronically submitted to the ETD site by the ETD format check submission deadline as stated in the University Calendar. The final document must be electronically approved by the Thesis Committee.

*See the Electronic Thesis and Dissertation (ETD): Student Guide to Preparation and Processing (latest version at the COGS Electronic Theses and Dissertation website).*

# COMPUTER SCIENCE

## M.S., 30 HOURS

### (Online)

**Advising:** Allen E. Paulson College of Engineering and Information Technology, Department of Computer Sciences, Dr. Lixin Li, Georgia Southern University, P.O. Box 7997, Statesboro, GA 30460, (912) 478-7646, E-mail: lli@georgiasouthern.edu.

**Admission Requirements**

**Regular Admission**

**Domestic Candidates: (Choose Option A or Option B)**

**Option A**

1. Bachelor of Science in Computer Science or in a related field (Computer Engineering, Information Technology, Information Systems, Software Engineering, etc.) from an accredited program.
2. Have a cumulative GPA of 3.0/4.0 or its equivalent.
3. Submit a General GRE score.

**Option B**

1. Bachelor of Science in Computer Science or in a related field (Computer Engineering, Information Technology, Information Systems, Software Engineering, etc.).
2. Have a cumulative GPA of 2.4/4.0 or its equivalent.
3. Have at least two years of relevant professional experience (employment) in computing.
4. Submit a General GRE score.

**International Candidates:**

1. Bachelor of Science in Computer Science or in a related field (for example, Computer Engineering, Information Technology, Information Systems, Software Engineering, etc.)
2. Have a cumulative GPA of 3.0/4.0 or its equivalent.
3. Submit a General GRE score.
4. Submit a minimum TOEFL score of 550 (paper-based), 213 (computer-based), or 80 (internet-based) The TOEFL will be waived for international applicants who have graduated from a U.S. College or University.

**Provisional Admission**

Applicants who meet most (but not all) of the Regular admission requirements may be admitted on a Provisional basis. Applicants granted Provisional admission must earn grades of “B” or higher in the courses taken under the Provisional admission status. Any other conditions of Provisional admission will be stated in the admission letter. Applicants with such admission status may take graduate-level courses counting toward the M.S. degree requirements. It is every student's responsibility to satisfy his or her conditions of admission as soon as possible after acceptance. Prerequisites for provisionally admitted students consist of online versions of the following undergraduate courses:

- CSCI 1301 - Programming Principles I (4)
- CSCI 3230 - Data Structures (3)
- CSCI 3232 - Systems Software (3)

**Non-Degree**

Applicants who have a high number of deficiencies may be granted Non-Degree admission to the College of Graduate Studies to take a limited number of graduate level courses.

**Program of study**

The graduate student and the graduate advisor shall develop a Program of Study that consists of 30 hours of graduate course work, including 9 hours of core courses, 9 hours in a concentration area and either 9 hours of elective classes at the 7000 level with 3 hours of CSCI 7899 (project option) or 6 hours of elective classes at the 7000 level with 6 hours of CSCI 7999 (thesis option).

**General Requirements**

<b>Core Requirements</b> .....	<b>9 Hours</b>
CSCI 7130 - Artificial Intelligence - Theory and Application (3)	
CSCI 7132 - Database Systems - Theory and Application (3)	
CSCI 7136 - Distributed Web System Design - Theory and Application (3)	
<b>Area of Concentration</b> .....	<b>9 Hours</b>
<u>Database and Knowledge Systems</u>	
CSCI 7431 - Distributed Database Systems (3)	
CSCI 7434 - Data Mining (3)	
CSCI 7435 - Data Warehousing (3)	
<b>Electives</b> .....	<b>6 or 9 Hours</b>
CSCI 7090 - Selected Topics in Computer Science (3) OR any CEIT 7xxx courses from any department of the college (with approval) (3)	
<b>Project Option (during the last semester)</b> .....	<b>3 Hours</b>
CSCI 7899 - Research Project in Computer Science (3)	

**Thesis Option (not in the same semester) .....6 Hours**

CSCI 7999 - Thesis (6)

Students with GPA over 3.8 are encouraged to take the Masters Thesis option.

## ENGINEERING AND MANUFACTURING MANAGEMENT CERTIFICATE, 12 HOURS

### Advising

Allen E. Paulson College of Engineering and Information Technology, Department of Mechanical Engineering and Department of Electrical Engineering, Dr. Frank Goforth, Georgia Southern University, P.O. Box 8046, Statesboro, GA 30460, (912) 478-7583, FAX: (912) 478-1455, E-mail: fgoforth@georgiasouthern.edu

### Program

A certificate at the graduate level is a coherent set of courses related to work in a particular field. The Graduate Certificate program offers two certificate options each of which consists of 12 semester credits. Either option consists of two required courses and two courses chosen from a list of restricted electives. The two options are Engineering and Manufacturing Management and Occupational Safety and Environmental Compliance. In the case of the Engineering and Manufacturing Management graduate certificate, Industrial Production Manager, Engineering Manager, and Industrial Engineer are position titles that traditionally include responsibility for managing engineering and manufacturing operations in the public and private sectors. A related degree or post-secondary and/or graduate academic preparation is highly desirable or required. The intent of the Graduate Certificate in Occupational Safety and Environmental Compliance is to enhance the academic training of technical managers and engineers specifically in the field of safety and environmental compliance. Health and Safety Engineer, Environmental Engineer, and Industrial Safety Manager are position titles that traditionally include responsibility for occupational safety and environmental compliance. Although a degree in safety or environmental compliance is not typically required in such positions, post-secondary and/or graduate academic preparation in these areas is highly desirable or required.

### Admission Requirements

Students seeking a Graduate Certificate would be admitted by COGS under a Non-Degree Certificate admission status. Students pursuing the Graduate Certificate in Engineering and Manufacturing Management would be required to hold an undergraduate or graduate degree from an accredited institution. They would be required to have an undergraduate GPA of 2.75 or higher and/or a graduate GPA of 3.0 or higher. Standardized test scores such as the GMAT or GRE would not be required for the Graduate Certificate. Admission as Non-Degree Certificate does not guarantee subsequent admission to a graduate degree program. That is a separate process and different criteria must be met.

- Upon recommendation of the Graduate Program Director and approval from the Dean of the College of Graduate Studies, credit earned in a certificate program may be applied to a graduate degree program.
- Upon recommendation of the Graduate Program Director and approval from the Dean of the College of Graduate Studies, a maximum of six (6) credits earned before the student entered the certificate program may be applied to that program.
- The minimum grade requirements for the graduate certificate are the same as those for graduate degrees. For graduate credit, the grade in a course must be C or higher. To remain in good standing, a student must maintain a cumulative GPA of 3.0 or higher.
- To be awarded a graduate certificate, the student (a) must not be on probation, (b) must have a cumulative GPA of 3.0 or higher on graduate coursework and on coursework applied to the certificate, (c) must meet all the requirements of the College of Graduate Studies and the student's certificate program, and (d) must be enrolled during the semester in which the certificate requirements are completed.
- The College of Graduate Studies residence requirements and the requirements for a comprehensive final examination do not automatically apply to the graduate certificate program

### Program of Study

The Graduate Certificate in Engineering and Manufacturing Management would require a total of 12 semester hours of credit. This would include 6 semester hours of required courses and 6 semester hours of restricted electives. The proposed courses are as follows:

#### Required Courses.....6 Hours

- TMAE 5134G - World Class Manufacturing (3)
- TMAE 7531 -Technical Management & Leadership (3)

#### Restricted Electives.....6 Hours

Select two of the following:

- BUSA 7030 - Project Management (3)
- MGNT 7330 - Leadership and Motivation (3)
- MGNT 7334 - Global Management (3)
- MGNT 7430 - Management of Operations for Competitive Advantage (3)
- TMAE 5133G - Production Planning and Facilities Design (3)
- TMAE 7430 - Industrial Case Study Analysis (3)
- TMFG 5230G - International Manufacturing (3)

## OCCUPATIONAL SAFETY AND ENVIRONMENTAL COMPLIANCE CERTIFICATE, 12 HOURS

### Advising

Allen E. Paulson College of Engineering and Information Technology, Department of Mechanical Engineering and Department of Electrical Engineering, Dr. Frank Goforth, Georgia Southern University, P.O. Box 8046, Statesboro, GA 30460, (912) 478-7583, FAX: (912) 478-1455, E-mail: fgoforth@georgiasouthern.edu

### Program

A certificate at the graduate level is a coherent set of courses related to work in a particular field. The Graduate Certificate program offers two certificate options each of which consists of 12 semester credits. Either option consists of two required courses and two courses chosen from a list of restricted electives. The two options are Engineering and Manufacturing Management and Occupational Safety and Environmental Compliance. In the case of the Engineering and Manufacturing Management graduate certificate, Industrial Production Manager, Engineering Manager, and Industrial Engineer are position titles that traditionally include responsibility for managing engineering and manufacturing operations in the public and private sectors. A related degree or post-secondary and/or graduate academic preparation is highly desirable or required. The intent of the Graduate Certificate in Occupational Safety and Environmental Compliance is to enhance the academic training of technical managers and engineers specifically in the field of safety and environmental compliance. Health and Safety Engineer, Environmental Engineer, and Industrial Safety Manager are position titles that traditionally include responsibility for occupational safety and environmental compliance. Although a degree in safety or environmental compliance is not typically required in such positions, post-secondary and/or graduate academic preparation in these areas is highly desirable or required.

### Admission Requirements

Students seeking a Graduate Certificate would be admitted by COGS under a Non-Degree Certificate admission status. Students pursuing the Graduate Certificate in Occupational Safety and Environmental Compliance would be required to hold an undergraduate or graduate degree from an accredited institution. They would be required to have an undergraduate GPA of 2.75 or higher and/or a graduate GPA of 3.0 or higher. Standardized test scores such as the GMAT or GRE would not be required for the Graduate Certificate. Admission as Non-Degree Certificate does not guarantee subsequent admission to a graduate degree program. That is a separate process and different criteria must be met.

- Upon recommendation of the Graduate Program Director and approval from the Dean of the College of Graduate Studies, credit earned in a certificate program may be applied to a graduate degree program.
- Upon recommendation of the Graduate Program Director and approval from the Dean of the College of Graduate Studies, a maximum of six (6) credits earned before the student entered the certificate program may be applied to that program.
- The minimum grade requirements for the graduate certificate are the same as those for graduate degrees. For graduate credit, the grade in a course must be "C" or higher. To remain in good standing, a student must maintain a cumulative GPA of 3.0 or higher.
- To be awarded a graduate certificate, the student (a) must not be on probation, (b) must have a cumulative GPA of 3.0 or higher on graduate coursework and on coursework applied to the certificate, (c) must meet all the requirements of the College of Graduate Studies and the student's certificate program, and (d) must be enrolled during the semester in which the certificate requirements are completed.
- The College of Graduate Studies residence requirements and the requirements for a comprehensive final examination do not automatically apply to the graduate certificate program

A complete disclosure of policies regarding admission is provided in the university catalog. Students who subsequently are awarded admission into a degree program may transfer certificate courses into the degree program if recommended by the Graduate Program Director.

### Program of Study

The Graduate Certificate in Occupational Safety and Environmental Compliance would require a total of 12 semester hours of credit. This would include 6 semester hours of required courses and 6 semester hours of restricted electives. The proposed courses are as follows:

#### Required Courses.....6 Hours

- TSEC 5331G - Occupational Safety (3)
- TSEC 5336G - Environmental Law (3)

#### Restricted Electives.....6 Hours

Select two of the following:

- ENVH 7233 - Environmental Exposure and Impact Assessment (3)
- ENVH 7237 - Risk Assessment and Communication (3)
- TSEC 5333G - Industrial Hygiene & Ergonomics (3)
- TSEC 5334G - Hazardous Waste Management (3)
- TSEC 5335G - Systems Safety (3)

# 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  
(912) 478-5251

## 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, Interim Chair

Professors: W. Burden, D. Czech, B. 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, A. Riggs, 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, A. Rushing, L. Upchurch  
 Instructors: T. Cheney, C. Dubert, C. Edds, M. Graf, D. Moore, D. Shilling, J. Smith  
 Clinical Instructor: 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)  
 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**

## COACHING CERTIFICATE PROGRAM

### 18 HOURS

**Advising:** Department of Health & Kinesiology, Georgia Southern University, P.O. Box 8076, Statesboro, GA 30460, (912) 478-0091, FAX: (912) 478-0381

#### Program

The program consists of 18 semester credits. Students will take five courses from the existing Master of Science - Major in Kinesiology - Coaching Emphasis degree program. These five courses, which cover the five content areas that are typical of coaching programs nationally, are: administration, sport physiology, athletic training, sport issues and sport psychology. One of these content areas (this is to be interpreted as one course) may be satisfied by documented life experiences or previous graduate course work. (Students may transfer up to two courses from a graduate program at another University.) These documented experiences will be submitted in written form and reviewed by the Program Coordinator and teaching faculty. Previous graduate course work must be supported by an institutional catalog description.

#### Admission Requirements

##### Regular

1. Admission to the Georgia Southern University College of Graduate Studies. This requires the following:
  - a. Completion of a Bachelor's degree from an accredited institution.
  - b. Official copies of all undergraduate and graduate, if appropriate, transcripts.
  - c. An updated resume that includes the following: a) Work history, b) Professional experiences, c) Membership and participation in professional organizations, d) Other experiences related to the academic program, and e) Contact information for a minimum of three references.
2. At the completion of three courses (9 semester credits) the student must sign a form declaring that he/she will complete the Certificate Program (total 18 semester credits) or will apply for admission to a degree seeking program. This is necessary because only 9 semester credits (no more than 3 courses) of non-degree course work may be accepted towards completion of a degree program (some exceptions; please see the Georgia Southern University Catalog).

NOTE: Contact the Office of Graduate Admissions for other admissions related information.

#### Course requirements ..... 18 Hours

- KINS 7430 - Administrative Issues in Coaching (3)
- KINS 7431 - Applied Sport Physiology (3)
- KINS 7433 - Prevention, Recognition and Care of Athletic Injuries (3)
- KINS 7434 - Current Issues in Coaching (3)
- Guided Elective (3)

Select one of the following:

- KINS 7530 - Psychology of Peak Performance (3)
- KINS 7531 - Team Dynamics (3)
- KINS 7534 - Current Issues in Sport Psychology (3)

## DOCTOR OF NURSING PRACTICE, D.N.P., (Online), 43 HOURS

**Program Description:** The Doctor of Nursing Practice (DNP) is a terminal degree committed to educating advanced practice nurses who possess the knowledge, skills and values necessary to contribute to and lead in the efforts to improve the health care delivery system of the nation. The DNP is a professional terminal degree with an applied nursing focus. Students are trained for advanced-science-based practice and practice-oriented research in private-and/or public sector careers to include clinical practice, health education, research application, leadership, and analysis of health care outcomes. The DNP is a versatile degree which prepares advanced practice nurses (nurse practitioners and clinical nurse specialists) to provide leadership in public and private organizations; assess health care needs, develop and implement new health care practices, care and evaluate health care outcomes; recommend health care policy; and interact with other health care providers and agencies at diverse levels. The program serves both the full-time student preparing for an advanced career in advanced practice nursing, as well as currently employed nursing professionals seeking advanced education to augment their existing skills to assume leadership positions. The DNP program builds on a high quality MSN curriculum.

**Model:** The Post-Masters DNP requires a minimum of 43 credit hours and is offered on a full-time basis over 3 years. Guided by the AACN Essentials for Doctoral Education for Advanced Nursing Practice, sequencing of courses allows the development of content expertise prior to the initiation of the clinical project and experience core. A capstone practicum allows for role immersion and competency integration.

### Admission Requirements

The DNP is designed to build upon the foundation of the Advanced Practice Registered Nurse (APRN) role. The DNP program is directed toward advanced practice registered nurses and closely associated specialty areas (i.e. Adult NP, Adult CNS, Public Health MSN preparation), and other specialty areas reviewed on an individualized basis. All applicants' prior course work will be reviewed and individual DNP programs of study will be developed. A DNP Admission Committee will review portfolios and applications.

#### Admission criteria

##### Regular Option:

1. Education
  - a. Post-BSN: Bachelor's degree in the proposed field of study (BSN) or its equivalent from a college accredited by the appropriate accrediting association. (Note: post-BSN, and RN/BSN, RN/MSN students must complete all MSN courses prior to beginning the DNP curriculum.)
  - b. Post-MSN: Master's degree in the proposed field of study (MSN) or its equivalent from a college accredited by the appropriate accrediting association.
2. Minimum undergraduate or graduate GPA of 3.0 (on 4.0 scale)
3. Satisfactory GRE or MAT score
  - a. DNP applicants, who hold a terminal degree (Doctoral) or who have a 3.0 GPA in a doctoral program at a regionally accredited university may be considered for admission without submission of official GRE or MAT scores.
  - b. Official scores from the GRE (General Test) or MAT (Miller Analogy Test), taken in the last five (5) years. An original copy of the test score, sent by the testing agency to the Office of Admissions, is required before any action is taken on an application. A copy of the score provided to the student and subsequently forwarded is not acceptable. The requirement for completion of a standardized test will be waived for those applicants who hold a doctoral degree from a regionally accredited college or university. The Graduate Program Director may recommend a waiver of the admission test requirement.
  - c. All international applicants, including resident and non-resident aliens, whose native language is not English and who do not have an undergraduate degree from a regionally accredited U.S. college or university, are required to submit official TOEFL scores taken within the year immediately preceding the requested semester of admission. A minimum total score of 83, and minimum scores of 20 for each of the skills evaluated by the TOEFL: Listening, Reading, Speaking, Writing) An original copy of the test score, sent by the testing agency to the Office of Admissions is required before any action is taken on an application. The copy of the score provided to the student and subsequently forwarded is not acceptable.

##### Accelerated Option:

1. Post-MSN: Master's degree in the proposed field of study (MSN) or its equivalent from a college accredited by the appropriate accrediting association.
2. Minimum undergraduate or graduate GPA of 3.3 (on 4.0 scale)
3. Satisfactory GRE or MAT score
  - a. DNP applicants, who hold a terminal degree (Doctoral) or who have a 3.0 GPA in a doctoral program at a regionally accredited university may be considered for admission without submission of official GRE or MAT scores.
  - b. Official scores from the GRE (General Test) or Miller Analogy Test (MAT), taken within the past five (5) years. An original copy of the test score, sent by the testing agency to the Office of Admissions is required before any action is taken on an application. A minimum score of 410 on the MAT or 153V/144Q IS REQUIRED.
  - c. All international applicants, including resident and non-resident aliens, whose native language is not English and who do not have an undergraduate degree from a regionally accredited U.S. college or university, are required to submit official TOEFL scores taken within the year immediately preceding the requested semester of admission. A minimum total score of 83, and minimum scores of 20 for each of the skills evaluated by the TOEFL: Listening, Reading, Speaking, Writing) An original copy of the test score, sent by the testing agency to the Office of Admissions is required before any action is taken on an application. The copy of the score provided to the student and subsequently forwarded is not acceptable.

4. DNP portfolio to include evidence of:
  - a. Vitae to include
    - Personal rationale for seeking DNP
    - Future goals
    - Education
    - Research experience
    - Publications (identify refereed)
    - Professional presentations (identify refereed)
    - Community service projects
  - b. Certification in a specialty area for all NPs. For all others, appropriate certification in specialty area, if available.
  - c. Discrete graduate nursing courses in Epidemiology course or equivalent - CDC online Epidemiology course will meet this requirement.
  - d. A minimum of 500 documented academic clinical hours in MSN APN preparation. Evidence of post-graduation clinical experience in the advanced practice role unless continuing immediately into DNP course work as post-MSN DNP student.
  - e. Current registered nursing (RN) licensure
    - For Post-MSN DNP, licensure in state of residence where clinical hours will be completed
    - For Post-BSN DNP, Georgia licensure
  - f. Current malpractice liability insurance
  - g. American Heart Association Level C (2 person-BLS) CPR certification
  - h. Three letters of recommendation from professional colleagues who can attest to academic and clinical acumen
  - i. Listing of current technological support for Internet-based courses with summary of experience with online courses
5. Complete submission of documentation:
  - a. College of Graduate Studies application and fee
  - b. Graduate Nursing Program DNP application materials

**Grades:** Students in DNP coursework must maintain a 3.0 average ("B" or better) in course work to proceed in the doctoral program and to be eligible to graduate. Grades in all courses applied toward the doctorate must be "B" or better. Students will become academically ineligible when any of the following occur in course work of an approved program of study: 1) a grade of "D", "F", or "WF" in any course; 2) a grade of "C" in any three courses; or 3) the minimum 3.0 average is not achieved within the minimum number of semester hours required for the degree.

**Enrollment:** The DNP requires a minimum of one academic year of continual enrollment.

**Foreign Language Requirement:** There is no foreign language requirement.

**Transfer Credit:** A maximum of 6 credits of doctoral level nursing credits and 9 credits of graduate level electives may be applied toward the DNP upon approval by the Graduate Nursing Program. Transfer credits must also satisfy the same requirements as course taught for doctoral education within the School of Nursing Graduate Program (e.g., minimum grade of "B"), be consistent with the student's approved program of study, and have been received from a regionally accredited college or university. Thesis and dissertation credits cannot be transferred. The student must provide documentation in support of equivalence, such as a course syllabus, transcript, term paper, and/or instructor testimony. Equivalence is determined by the Faculty Advisor or Program Director. Credit reductions do not influence the residency or enrollment requirements or comprehensive examination procedures.

**Course Time Limits:** All requirements for the DNP must be completed within seven academic years from the date of the first enrollment for study following admission to the doctoral coursework. For transfer students, the seven year time limit commences with the semester during which the credit being transferred was earned at another institution.

**Essentials Examination:** The purpose of the Essentials Examination is to assess the student's knowledge, integration and application of knowledge to problems of advanced nursing practice at the doctoral level of study.

The Essentials Examination can be taken at the completion of 20 credits but must be taken within one semester of completing all course work. The examination will be completed using Internet capability. The School of Nursing DNP Program Committee will determine the 3 questions to comprise the examination. The reading committee members will hold Graduate Faculty status. The examination responses will be awarded a pass, a conditional pass, or a failure. With a pass of all examination components the student may be approved for graduation upon successful completion of all degree requirements.

A conditional pass on any component will require a repeat of that exam component in a format suggested by the DNP Program Committee. Failure of the Essentials Examination may result in additional coursework prior to a second examination. A second failure constitutes dismissal from the program and denial of continued course work to earn the DNP.

**Clinical Immersion Project:** Doctoral students are required to complete a clinical project at an advanced level. A dissertation is not required. The clinical project may take diverse forms (e.g., identification of a health care problem, development of an intervention and analysis of outcomes; an investigation of a health issue with development of health policy strategies to address the health problem; or the development of a complex programmatic strategy within a health care system to address a significant issue). Upon completion of the clinical project the student must present the project to faculty and peers in an appropriate venue determined by the faculty. Submission of the project

to a refereed professional organization for presentation or peer reviewed journal for publication is required. It is expected that a minimum of one peer reviewed presentation or peer reviewed publication will be achieved on DNP related content prior to completion of course work.

**DNP Capstone Practicum:** This capstone clinical experience course provides an opportunity to integrate the role of the DNP in a comprehensive real-world context that includes utilization of leadership, consultation, advocacy, and collaboration competencies. Individual experiences will be developed under the guidance of a faculty advisor with completion of 180 hours in an approved setting. Students will be jointly supervised by a graduate faculty member and the clinical site preceptor.

**Faculty Advisor:** Each student will be assigned a faculty advisor upon admission. The role of the faculty advisor is to mentor the student, provide advice and academic support as needed, monitor progress, and to be available for student assistance as appropriate. The faculty advisor will advise the student in regards to chosen electives and modifications to the program of study which must be approved by the Graduate Program Director in order to assure that desired course offerings are available in the sequence desired to assure timely completion of all course work. The faculty advisor may act as the chair or member of the Clinical Project or Essentials Examination committee.

**Accreditation:** The School of Nursing Graduate Program is accredited by the Commission on Collegiate Nursing Education (CCNE). The current MSN Program and the proposed DNP Program were developed in accordance with the AACN Essentials for both Graduate and DNP Education. The MSN meets the NONPF National Standards for NP Programs and the DNP Program Standards for NP preparation.

**Program of Study**

<b>DNP Core .....</b>	<b>17 Hours</b>
NURS 9126 - Biomedical Ethics in Practice Nursing (2)	
NURS 9131 - Biometrics for Advanced Practice Nursing (3)	
NURS 9134 - Health Care Organization, Financing and Policy Development (3)	
NURS 9137 - Clinical Scholarship I: Theory, Scientific Underpinnings, and Evidence-Based Practice (3)	
NURS 9138 - Clinical Scholarship II: Theory, Scientific Underpinnings, and Evidence-Based Practice (3)	
NURS 9231 - Advanced Nursing Practice and DNP Role Transition (3)	
<b>Doctoral Emphasis.....</b>	
NURS 9132 - Leadership & Management in Practice Transformation (3)	
NURS 9135 - Outcomes Management Strategies for Improved Healthcare (3)	
NURS 9136 - Population Focused Collaborative Initiative (3) (90)*	
NURS 9921 - DNP Clinical Immersion Project 1: Development (2) (180)*	
NURS 9922 - DNP Clinical Immersion Project 2: Implementation (2) (180)*	
NURS 9923 - DNP Clinical Immersion Project 3: Outcomes Analysis and Dissemination (2) (180)*	
NURS 9720 - DNP Capstone (2) (90)*	
NURS - Concentrated Cognate Electives (9) (Must be approved by program director)	

\*Applied Clinical Hours

## DIETETIC INTERNSHIP CERTIFICATE PROGRAM

### 13 HOURS

**Advising:** Department of Health & Kinesiology, Georgia Southern University, P.O. Box 8076, Statesboro, GA 30460, (912) 478-0091, FAX: (912) 478-0381

#### Program

The program, with concentrations in community nutrition and school nutrition, consists of 13 semester credits and 1200 supervised practice hours that occur in the community nutrition, food systems administration, and clinical nutrition practice areas. Students will take five courses: Micronutrient Metabolism, School Nutrition Administration, Applied Medical Nutrition Therapy, and Energy Balance for Weight Management, and Nutrition in the Community. Previous graduate course work and supervised practice experience may be accepted at the discretion of the Program Director. These documented experiences will be submitted in written form and reviewed by the Program Director. Previous graduate course work must be supported by an institutional catalog description.

#### Admission Requirements

1. Completion of a Didactic Program in Dietetics (DPD), accredited by the Accreditation Council for Education of Nutrition & Dietetics, the accrediting agency of the Academy of Nutrition & Dietetics, with coursework completed within the last 10 years
2. Maintenance of a cumulative undergraduate grade point average (GPA) of 3.0 or higher (on a 4.0 scale), with a minimum of a 'C' in prerequisite DPD, math, and science coursework
3. TOEFL iBT score of 80 with a minimum score of 20 in each of the four exam sub-sections (international students)
4. Completion of dietetic related volunteer and work experience, in the fields of nutrition, food science, health, laboratory or clinical research, foodservice, food industry, nutrition education, or health promotion
5. Completion of the on-line Graduate Application for Admission Form.
6. Submission of the \$50.00 Graduate School application fee
7. Official transcripts from each college or university previously attended
8. Submission to the Office of Health Services the Certificate of Immunization Form, available at <http://services.georgiasouthern.edu/aux/pdf/health/CertificateofImmunizationForm.pdf>.
9. Completion of the Georgia Southern DI application packet with the following:
  - a. Georgia Southern DI Application Form
  - b. Intent to Complete or Verification of Completion of a Didactic Program in Dietetics
  - c. Personal statement (8000 character limit) discussing the following:
    - Why you want to enter the dietetics profession
    - Your interest in community nutrition or in school nutrition (choose only one)
    - Your short-term and long-term goals
    - Experiences and skills that reflect your ability to be successful in the dietetic internship and as a registered dietitian
    - An assessment of the qualities, knowledge, and skills you feel you need or wish to improve upon
    - Other information you consider important for the selection process
  - d. Resume that includes education, work and professional history, recognitions/awards, membership and participation in professional organizations, dietetic related volunteer experience, other experiences related to the dietetic internship, and contact information for a minimum of three references
  - e. Three letters of reference
10. Submission of the \$100 Georgia Southern DI application fee and Georgia Southern Dietetic Internship Application Fee Form; check or money order made payable to Georgia Southern Dietetic Internship
11. Completion of a pre-admission interview
12. Completion of a pre-admission math quiz
13. At the completion of three courses (9 semester credits) the student must sign a form declaring that he/she will complete the Certificate Program (total 18 semester credits) or will apply for admission to a degree seeking program. This is necessary because only 9 semester credits (no more than 3 courses) of non-degree course work may be accepted towards completion of a degree program (some exceptions; please see the Georgia Southern University Graduate Catalog).

*NOTE: Contact the Office of Graduate Admissions for other admissions related information.*

**Course requirements** ..... **13 Hours**  
 NTFS 7314 - Applied Medical Nutrition Therapy (1)  
 NTFS 7335 - Nutrition in the Community (3)  
 NTFS 7336 - School Nutrition Administration (3)  
 NTFS 7338 - Micronutrient Metabolism (3)  
 NTFS 7339 - Energy Balance for Weight Management (3)

## KINESIOLOGY M.S., 36 HOURS

**Advising:** Department of Health & Kinesiology, Georgia Southern University, P.O. Box 8076, Statesboro, GA 30460, (912) 478-0200, FAX: (912) 478-0381, <http://chhs.georgiasouthern.edu/hk>

### Admission Requirements

#### Regular

1. Completion of a Bachelor's degree from an accredited institution.
2. Minimum grade point average (GPA) of 2.75 (4.0 scale).
3. Graduate Record Examination scores documenting
  - a. A minimum score of 400 on the GRE Verbal section plus submission of Quantitative and Analytical Writing sections of the GRE taken prior to August 2011 OR
  - b. A minimum score of 146 on the GRE Verbal Reasoning section plus submission of the Quantitative Reasoning and Analytical Writing sections of the GRE if taken after July 31, 2011.
4. A full vita or resume that includes the following: a) Work history, b) Professional experiences, c) Membership and participation in professional organizations, d) Other experiences related to the academic program, and e) Contact information for a minimum of three references.

#### Provisional

1. Completion of a Bachelor's degree from an accredited institution.
2. Minimum grade point average (GPA) of 2.50 (4.0 scale).
3. Graduate Record Examination scores documenting
  - a. A minimum score of 350 on the GRE Verbal section plus submission of Quantitative and Analytical Writing sections of the GRE taken prior to August 2011 OR
  - b. A minimum score of 143 on the GRE Verbal Reasoning section plus submission of the Quantitative Reasoning and Analytical Writing sections of the GRE if taken after July 31, 2011.
4. A full vita or resume that includes the following: a) Work history, b) Professional experiences, c) Membership and participation in professional organizations, d) Other experiences related to the academic program, and e) Contact information for a minimum of three references.

*NOTE: Prerequisite undergraduate course work may be required. Contact the Graduate Program Director in the Department of Health & Kinesiology for complete information.*

**Investigative Core** .....6 Hours

KINS 6130 - Research Design in Kinesiology (3)

KINS 6131 - Data Analysis in Kinesiology (3)

**Students select one of the following emphasis areas:** .....30 Hours

#### Sport Psychology Emphasis

KINS 7530 - Psychology of Peak Performance (3)

KINS 7531 - Team Dynamics (3)

KINS 7533 - Sport Psychology Interventions (3)

KINS 7534 - Current Issues in Sport Psychology (3)

KINS 7733 - Practicum in Sport Psychology (3)

KINS 7999 - Thesis (6)

Guided Major Electives (9)

#### Athletic Training Emphasis

KINS 7234 - Clinical Applications of Biomechanics (3)

KINS 7334 - Advanced Rehabilitation Skills in Athletic Training (3)

KINS 7336 - Current Topics in Athletic Training (3)

KINS 7537 - Evaluation and Rehabilitation of the Lumbar Spine (3)

KINS 7538 - Clinical Gait Analysis (3)

KINS 7731 - Clinical Practicum for Teaching Athletic Training Skills (3)

KINS 7732 - Clinical Practicum for Evaluating Athletic Training Skills (3)

KINS 7999 - Thesis (6)

Guided Major Elective (3)

#### Exercise Science Emphasis

KINS 7230 - Advanced Exercise Physiology (3)

KINS 7231 - Laboratory Techniques in Exercise Physiology (3)

KINS 7235 - Instrumentation Techniques in Biomechanics (3)

KINS 7238 - Human Performance and Nutrition (3)

KINS 7799 - Internship (9) **OR** KINS 7999 - Thesis (6)

Guided Major Electives (9-12)

#### Coaching Emphasis

*Note: The Coaching Emphasis is offered online.*

KINS 7430 - Administrative Issues in Coaching (3)

KINS 7431 - Applied Sport Physiology (3)

KINS 7432 - Applied Sport Biomechanics (3)  
 KINS 7433 - Prevention, Recognition, and Care of Athletic Injuries (3)  
 KINS 7434 - Current Issues in Coaching (3)  
 \*Guided Major Electives (9)  
 Elective (3)

Select one of the following:

KINS 7530 - Psychology of Peak Performance (3)  
 KINS 7531 - Team Dynamics (3)  
 KINS 7534 - Current Issues in Sport Psychology (3)

*\*Students may select KINS 7999 Thesis (6) to replace 6 hours of the Guided Major Electives*

### **Physical Education Emphasis**

*Note: The Physical Education Emphasis is offered as an online track or as an on campus track.*

#### **Online Track**

HLTH 7130 - Issues and Trends in School Health Education (3)  
 KINS 7111 - Action Research in Physical Education (3)  
 KINS 7437 - Analysis of Teaching Physical Education (3)  
 KINS 7438 - Motor Behavior (3)  
 KINS 7535 - Fitness and Wellness Education (3)  
 KINS 7536 - Assessment and Technology in Physical Education (3)  
 KINS 8430 - Supervision of Instruction in Physical Education (3)  
 KINS 8431 - Curriculum Issues/Trends in Physical Education (3)  
 KINS 8432 - Advanced Techniques in Health and Physical Education (3)  
 Elective (3)

#### **On Campus Track**

HLTH 7130 - Issues and Trends in School Health Education (3)  
 KINS 7111 - Action Research in Physical Education (3)  
 KINS 7437 - Analysis of Teaching Physical Education (3)  
 KINS 7535 - Fitness and Wellness Education (3)  
 KINS 7536 - Assessment and Technology in Physical Education (3)  
 KINS 8430 - Supervision of Instruction in Physical Education (3)  
 KINS 8431 - Curriculum Issues/Trends in Physical Education (3)  
 KINS 8432 - Advanced Techniques in Health and Physical Education (3)  
 KINS 8433 - Advanced Methods in Secondary Physical Education (3)  
 KINS 8434 - Advanced Methods in Elementary Physical Education (3)

### **Sports Nutrition Emphasis**

KINS 7237 - Exercise and Special Populations (3)  
 KINS 7238 - Human Performance and Nutrition (3)  
 KINS 7337 - Macronutrient Metabolism in Sports Nutrition (3)  
 KINS 7338 - Micronutrient Metabolism (3)  
 KINS 7339 - Energy Balance for Weight Management (3)  
 KINS 7431 - Applied Sport Physiology (3)  
 KINS 7799 - Internship (6) **OR** KINS 7999 - Thesis (6)  
 Guided Major Electives (6)



## NURSING (Online), B.S.N. - D.N.P. 61-71 HOURS

**Programs Available:** BSN-DNP Degree, Post-MSN Certificate, RN-DNP - Earn BSN, MSN, and DNP

Total Hours: 71 credit hours for entire BSN-DNP depending on major. Post-MSN Certificate options variable in length.

**Advising:** School of Nursing, Graduate Program, Dr. Deborah Allen, P.O. Box 8158, Statesboro, GA 30460-8158, (912) 478-0017, FAX (912) 478-1679; debbieallen@georgiasouthern.edu, <http://chhs.georgiasouthern.edu/nursing>.

\* For students who choose to stop at the MSN, their credits will be 42-46 depending on major..

### Admission Requirements

1. Bachelor's degree in the proposed field of study (BSN) or its equivalent from a college accredited by the appropriate accrediting association.
2. Current Georgia RN license. Out-of-state students must obtain a Georgia RN license.
3. One year of clinical nursing experience prior to entering the nurse practitioner clinical specialty.
4. Prerequisite undergraduate statistics course or a statistically oriented methodology course.
5. Pre-admission interview by nursing faculty.
6. Submission/completion of documentation:
  - a. College of Graduate Studies application
  - b. Georgia Southern Health Services form
  - c. School of Nursing graduate application
  - d. Proof of current malpractice liability insurance
  - e. Proof of American Heart Association Level C (2 person-BLS) CPR certification
  - f. Three letters of recommendation
  - g. School of Nursing Student Health Appraisal forms

### Specific Admission Policies

Must gain Regular Degree-Seeking Status admission to the BSN - DNP program to be eligible to enroll in graduate nursing courses. Non-degree students are not permitted to enroll in graduate nursing courses with the exception of students formally admitted to the Post-MSN Certificate option or with prior approval from the Graduate Program Director. The Graduate Program Director will make an admission decision recommendation following a review of the applicant's credentials. Admission decisions are made on a case by case basis.

### Regular Option:

1. Minimum undergraduate GPA of 3.0 (on 4.0 scale) plus one option below:
2. Minimum Miller Analogy Test (MAT) of 402.
3. Minimum Verbal and Quantitative of 450 and minimum Analytical Writing of 4.0 on the General GRE taken prior to August 2011 or Minimum Verbal Reasoning of 150; Quantitative Reasoning of 141 and minimum Analytical Writing of 4.0 on the New General GRE taken August 2011 or after.
4. GRE/MAT scores are not needed for admission for students applying for 2nd Master's degree who have earned a minimum GPA of 3.0 from the 1st Master' degree from an accredited program.
5. Students must have 2 years of Full-time employment as a Registered Nurse PRIOR to beginning their Specialty course work.
6. GRE/MAT scores are not needed for admission for a transfer student who is currently enrolled in an accredited MSN program and has an earned GPA of 3.0 or above [on a 4 point scale] for a minimum of 9 credits in nursing graduate level courses [only courses with a B or above can be considered for transfer].

### Accelerated Option:

1. Minimum undergraduate GPA of 3.3 (on 4.0 scale) plus one option below:
2. Minimum Miller Analogy Test (MAT) of 410.
3. Minimum Verbal and Quantitative of 500 and minimum Analytic Writing of 4.0 on the General GRE taken prior to August 2011, or Minimum Verbal Reasoning of 153; Quantitative Reasoning of 144 and minimum Analytic Writing of 4.0 on the New General GRE taken August 2011 or after.
4. Students must have 2 years of Full-time employment as a Registered Nurse PRIOR to admission into the program.

### Progression Requirements

1. Clinical Course Progression: If a student earns a grade of "C" in any MSN Clinical course dyad with didactic and clinical hours as concurrent components (Epidemiology, Health Assessment, PC1, PC2, PC3), the student will be required to repeat both components of the course dyad to progress in the program.
2. Once students begin the Family Practice Core which includes Primary Care I, Primary Care 2, and Primary Care 3, all clinicals must be completed in the state of Georgia or within a 200 miles radius of the Georgia Southern University main campus.
3. Readmission into the BSN - DNP Program: Any student desiring reinstatement, after withdrawal from the BSN - DNP program, who has successfully completed any of the FNP specialty core courses (PC1, PC2, PC3) will be required to complete a 1 credit Independent Study with 90 clinical hours in a clinical focus, determined by the Graduate Program Director, that has been successfully completed before being allowed to return to the next clinical dyad course in the curriculum sequence.

### Required Credits:

**Major: DNP**..... 73 Hours

**Concentration: Family Nurse Practitioner (FNP)**.....46 Hours

(915 didactic hours and 1170 clinical hours)

Graduate Core (18)

NURS 8136 - Family Theory and Issues Management (3)

- NURS 9131 - Biometrics for Advanced Practice Nurses (3)
- NURS 9134 - Health Care Organization, Financing and Policy Development (3)
- NURS 9137 - Clinical Scholarship I: Theory, Scientific Underpinnings, and Evidence-Based Practice (3)
- NURS 9138 - Clinical Scholarship II: Theory, Scientific Underpinnings, and Evidence-Based Practice (3)
- NURS 9231 - Advanced Nursing Practice and DNP Role Transition (3)
- Advanced Practice Core (13)
  - NURS 5210G - Advanced Health Assessment Across the Lifespan Clinical (1) (90 ch)
  - NURS 5230G - Advanced Health Assessment for Across the Lifespan (3)
  - NURS 6134 - Differential Diagnosis and Pathophysiology (3)
  - NURS 6135 - Pharmacotherapeutics for APN (3)
  - NURS 6230 - Epidemiology and Transcultural Issues for APN (3)
- Specialty Courses (15)
  - NURS 7224 - Primary Care Clinical I: Women’s Health (2) (180 ch)
  - NURS 7225 - Primary Care Clinical II: Pediatrics (2) (180 ch)
  - NURS 7226 - Primary Care Clinical III: Adult/Gero (2) (180 ch)
  - NURS 7231 - Primary Care I: Women (3)
  - NURS 7233 - Primary Care II: Pediatrics (3)
  - NURS 7235 - Primary Care III: Adult/Gero (3)
  - Options for all Majors:*
    - NURS 7090 - Selected Topics in Nursing (1-3)
    - NURS 7890 - Independent Study Nursing (1-3)
    - NURS 7999 - Thesis Nursing (1-3)
- Doctoral Emphasis (27)
  - NURS 9126 - Biomedical Ethics in Practice and Leadership (3)
  - NURS 9132 - Leadership & Management in Practice Transformation (3)
  - NURS 9135 - Outcomes Management Strategies for Improved Healthcare (3)
  - NURS 9136 - Population Focused Collaborative Initiative (3) (90)8
  - NURS 9921 - DNP Clinical Immersion Project 1: Development (2) (180)\*
  - NURS 9922 - DNP Clinical Immersion Project 2: Implementation (2) (180)\*
  - NURS 9923 - DNP Clinical Immersion Project 3: Outcomes Analysis and Dissemination (2) (180)\*
  - NURS - Concentrated Cognate Electives (9) (Must be approved by program director)

\*Applied Clinical Hours

**Major: Clinical Nurse Specialist (CNS)**

**Concentration: Community Health Clinical Nurse Specialist (CHCNS).....36-46 Hours**  
 (735 didactic hours and 1170 clinical hours)

- Graduate Core (12)
  - NURS 9134 - Health Care Organization, Financing and Policy Development (3)
  - NURS 9137 - Clinical Scholarship I: Theory, Scientific Underpinnings, and Evidence-Based Practice (3)
  - NURS 9138 - Clinical Scholarship II: Theory, Scientific Underpinnings, and Evidence-Based Practice (3)
  - NURS 9131 - Biometrics for Advanced Practice Nurses (3)
- Advanced Practice Core (13)
  - NURS 5210G - Advanced Health Assessment Across the Lifespan Clinical (1) (90 ch)
  - NURS 5230G - Advanced Health Assessment Across the Lifespan (3)
  - NURS 6134 - Differential Diagnosis and Pathophysiology (3)
  - NURS 6135 - Pharmacotherapeutics for APN (3)
  - NURS 6230 - Epidemiology and Transcultural Issues for APN (3)
- Specialty Courses (11)
  - NURS 7511 - Community Health Clinical I (1) (90 ch)
  - NURS 7520 - Community Health I (2)
  - NURS 7521 - Community Health Clinical II (2) (180 ch)
  - NURS 7530 - Community Health II (3)
  - NURS 7731 - CNS Capstone: Community Health (3) (180 ch)
  - Options for all Majors:*
    - NURS 7090 - Selected Topics in Nursing (1-3)
    - NURS 7890 - Independent Study Nursing (1-3)
    - NURS 7999 - Thesis Nursing (1-3)
- Doctoral Emphasis (25)
  - NURS 9126 - Biomedical Ethics in Practice and Leadership (3)
  - NURS 9132 - Leadership & Management in Practice Transformation (3)
  - NURS 9135 - Outcomes Management Strategies for Improved Healthcare (3)
  - NURS 9136 - Population Focused Collaborative Initiative (3) (90)8
  - NURS 9921 - DNP Clinical Immersion Project 1: Development (2) (180)\*
  - NURS 9922 - DNP Clinical Immersion Project 2: Implementation (2) (180)\*
  - NURS 9923 - DNP Clinical Immersion Project 3: Outcomes Analysis and Dissemination (2) (180)\*
  - NURS - Concentrated Cognate Electives (9) (Must be approved by program director)

\*Applied Clinical Hours

**Post-MSN Certificates - Do NOT obtain DNP degree**

**Family Nurse Practitioner.....28 Hours**

- Advanced Practice Core (13) (or show equivalency in Graduate program)
  - NURS 5210G - Advanced Health Assessment Across the Lifespan Clinical (1) (90 ch)
  - NURS 5230G - Advanced Health Assessment Across the Lifespan (3)
  - NURS 6134 - Differential Diagnosis and Pathophysiology (3)
  - NURS 6135 - Pharmacotherapeutics for APN (3)
- Specialty Courses (15)
  - NURS 7224 - Primary Care Clinical I: Women’s Health (2) (180 ch)
  - NURS 7225 - Primary Care Clinical II: Pediatrics (2) (180 ch)
  - NURS 7226 - Primary Care Clinical III: Adult/Gero (2) (180 ch)
  - NURS 7231 - Primary Care I: Women (3)
  - NURS 7233 - Primary Care II: Pediatrics (3)
  - NURS 7235 - Primary Care III: Adult/Gero (3)

**Community Health Clinical Nurse Specialist.....21 Hours**

- Advanced Practice Core (10) (or show equivalency in Graduate program)
  - NURS 5210G - Advanced Health Assessment Across the Lifespan Clinical (1) (90 ch)
  - NURS 5230G - Advanced Health Assessment Across the Lifespan (3)
  - NURS 6134 - Differential Diagnosis and Pathophysiology (3)
  - NURS 6135 - Pharmacotherapeutics for APN (3)
- Specialty Courses (11)
  - NURS 7511 - Community Health Clinical I (1) (90 ch)
  - NURS 7520 - Community Health I (2)
  - NURS 7521 - Community Health Clinical II (2) (180 ch)
  - NURS 7530 - Community Health II (3)
  - NURS 7731 - CNS Capstone: Community Health (3) (180 ch)

**Courses for Majors (ch=clinical hours required)**

**OTHER PROGRAM REQUIREMENTS**

- See academic standards and regulations in the graduate section for information on Program of Study and comprehensive examination procedures.
- Students must meet the progression policies of College of Graduate Studies and the BSN - DNP Program.
- A student admitted Non-degree to the Post-MSN Certificate options must meet the same academic standards and regulations for progress and retention as a Degree-seeking student. Students are given the option to obtain their MSN degree upon completing the Specialty Courses in the program. However, the student MUST contact the Graduate Program Director NO LATER THAN the semester prior to beginning Specialty Core Courses in order for the degree to be conferred. Students completing the MSN Family Nurse Practitioner degree or Post-MSN certificate option are eligible to sit for national certification examination at that time. Otherwise, they will not be allowed to sit for the examination until they have completed the Doctoral Core.
- Students who decide to obtain their MSN degree after the Specialty Courses are completed have four (4) years from the date of their MSN final transcript to re-apply to the DNP program to obtain their doctoral degree without penalty. After completing the additional five (5) semesters of course work, students would obtain the Doctor of Nursing Practice Degree.
- In order to obtain the Doctor of Nursing Practice Degree (DNP), students MUST complete the Graduate Core, Advanced Practice Core, the Specialty Core, AND Doctoral Emphasis courses.
- Preference is given to applicants with a desire to work in rural or underserved areas. Minority and rural students are encouraged to apply.

## POST-MSN NURSE EDUCATOR CERTIFICATE (NEC), 12 HOURS

**Advising:** School of Nursing, Graduate Program, Dr. Deborah Allen, P.O. Box 8158, Statesboro, GA 30460-8158, (912) 478-0017, FAX (912) 478-1679; debbieallen@georgiasouthern.edu, <http://chhs.georgiasouthern.edu/nursing>.

### Student Learning Outcomes

1. Incorporate educational theoretical perspectives, instructional design and assessment, and pedagogy of instruction in classroom, clinical, and laboratory areas.
2. Create a learning environment for nursing students that promotes the development of the core values of the profession.
3. Employ effective communication and technology within the diverse educational environment.
4. Demonstrate role responsibility and accountability in professional endeavors.

### Admission Cycle

All admission application materials for both the College of Graduate Studies (COGS) and the Graduate Nursing Program for this nursing education certificate must be received by April 1st for admission consideration into the summer semester cohort. Phone interviews with individuals under consideration will be conducted prior to admission.

### Admission Criteria

1. Master's degree in Nursing from a college accredited by the appropriate accrediting association. The MAT or GRE is not required for admission.
2. Minimum graduate GPA of 3.0 (on 4.0 scale)
3. Current RN license in state of residence.
4. Pre-admission interview by nursing faculty (by phone, electronic media or in person).
5. Submission/completion of:
  - a. College of Graduate Studies application (on-line)
  - b. School of Nursing graduate application (on-line)
6. Proof of current malpractice liability insurance
7. Must have the capability to fully utilize and interact within the on-line course delivery format of the institution.

### Specific Admission Policies

The Nursing Education certificate student will be admitted in Non-degree status and ineligible to enroll in other graduate courses unless admitted to that program. Only grades of "B" or better earned in the NEC are eligible for application to the nursing doctorate if the individual is later admitted to the degree program.

### Progression Policy

A student admitted Non-Degree to the Post-MSN Nurse Educator Certificate option must have an overall 3.0 GPA, with a limit of one "C" allowed, in the required courses to earn the certificate. Students will become academically ineligible to continue course work if a grade of "D", "F", or "WF" is earned in any of the nursing education courses. Students must also meet any applicable College of Graduate Studies progression policies.

### Transfer Credit

No transfer credits will be applied to the nurse educator certificate.

### Grade Requirements and Applicability to DNP Degree

The minimum acceptable grade to meet the certificate requirement is a "C." Students who complete the NURS 8231, NURS 8232, and NURS 8233 courses in the certificate program with a "B" or better could apply them to the DNP degree cognate elective requirement if accepted into the DNP program.

### Program of Study

<b>Required Courses</b> .....	<b>12 Hours</b>
NURS 8231 - Theoretical Perspectives of Teaching and Learning in Nursing Education (3)	
NURS 8232 - Instructional Design and Assessment in Nursing Education (3)	
NURS 8233 - Learner-Centered Teaching: Creative Classroom and Clinical Education in Nursing (3)	
NURS 8234 - Nurse Educator Capstone (3)	

## RECREATION ADMINISTRATION M.S., 36 HOURS

**Advising:** School of Human Ecology, Dr. Henry Eisenhart, Georgia Southern University, P.O. Box 8077, Statesboro, GA 30460, (912) 478-5345, FAX: (912) 478-0386 E-Mail: henry\_e@georgiasouthern.edu, <http://chhs.georgiasouthern.edu/htfcs>

### Admission Requirements

#### Regular

For unqualified admission to the College of Graduate Studies to pursue work leading to the Master of Science (Major in Recreation Administration), the applicant must have:

1. Completed requirements for the Bachelor's degree in a college accredited by a proper regional accrediting association.
2. A 2.5 (4.0 scale) cumulative grade point average or higher in undergraduate work.
3. Minimum Graduate Record Examination (GRE) subtest scores of 450 Verbal, plus 450 Quantitative or Analytical, to meet a subtest score total of 1200; or minimum subtest scores of 450 Verbal, 450 Quantitative and 3 on the Analytical Writing section for persons taking the GRE after October 1, 2002. One may also score 44 on the Miller Analogies Test (MAT) or make an acceptable score on the Graduate Management Test (GMAT). GMAT scores are evaluated by the following formula: 200 x overall GPA + the GMAT score must equal no less than 1000 for regular admission.
4. An undergraduate major in Recreation or a discipline closely related to one of the recognized emphasis areas associated with undergraduate recreation education.
5. Successfully completed a three semester hour introductory recreation course and a three semester hour introductory statistics course. Those candidates who have not completed the above courses will be required to complete these or equivalent courses prior to or during graduate course work. Exceptions to this requirement must be approved by the Chair of the Department of Hospitality, Tourism and Family and Consumer Sciences.
6. Three letters of recommendation by persons familiar with the applicant's academic and/or employment experience.

#### Provisional

Provisional admission may be granted with a 2.5 undergraduate grade point average and minimum GRE subtest scores of 400 Verbal plus 400 Quantitative or Analytical for a subtest score total of 1100; or minimum subtest scores of 400 Verbal, 400 Quantitative and 3 on the Analytical Writing section for persons taking the GRE after October 1, 2002. Provisional admission may also be granted with a 40 MAT; or GMAT scores are evaluated by the following formula: 200 x overall GPA + the GMAT score must equal no less than 950 for provisional admission.

#### Program of Study

The Chair of the School of Human Ecology shall name the major professor who, in conference with the graduate student, will develop a Program of Study to include:

#### Required Recreation Core Requirements.....18 Hours

- RECR 6030 - Selected Topics in Recreation and Sport (3) **OR** RECR 7830 - Directed Individual Study (3) **OR** SMGT 6337 - Sport Facility and Event Management (3)
- RECR 7230 - Research Methods and Statistical Applications in Recreation and Sport Management (3)
- RECR 7236 - History and Philosophy of Leisure and Sport (3)
- RECR 7237 - Recreation Management (3)
- SMGT 6330 - Social and Ethical Issues of Sport and Leisure (3)
- SMGT 7335 - Sport Law and Risk Management (3)

#### Guided Electives (9 for Internship and 12 for Thesis) .....9-12 Hours

Students may choose electives in any of the following areas or from advisor approved options:

- Business
- Environmental Studies
- Higher Education
- Historic Preservation
- Hospitality
- Kinesiology
- Natural and Cultural Resource Management
- Psychology
- Public Administration
- Sociology
- Sport Management
- Tourism

#### INTERNSHIP OPTION.....9 Hours

Students choosing not to pursue the emphasis area may choose the internship which will fulfill 600 hours of full time work experience in place of the 9 credit hours of emphasis, or the thesis. Internships must be approved by the student's advisor.

#### THESIS OPTION .....6 Hours

This option is for students who have an interest in research and is strongly recommended for those students planning to pursue doctoral study. Students, with support from their major professor and committee, will develop a thesis proposal, conduct appropriate research, analyze results, and produce a finished written product. Students must follow all policies and guidelines developed by the College of Graduate Studies. The thesis option is completed by a thesis defense.

## **SPORT MANAGEMENT M.S., 36 HOURS (Online)**

**Advising:** School of Human Ecology, Dr. Todd Hall, Georgia Southern University, P.O. Box 8077, Statesboro, GA 30460, (912) 478-2274, FAX: (912) 478-0386, Email: thall@georgiasouthern.edu.

**The Faculty of Sport Management will evaluate applicants on each of the following:**

1. A personal statement of purpose that includes a description of career goals over the next 5 years, reasons for interest in Graduate Program at Georgia Southern University, and relevant experiences and achievements.
2. The applicant's previous exposure to coursework that relates to the curriculum in the Master's in Sport Management program. Transcripts showing a Bachelor's degree completed in a college or university accredited by the proper regional accrediting association are required. If applicant holds additional degrees from accredited institutions, those transcripts should be submitted as well.
3. The applicant's overall academic performance.
4. The quality and length of related professional experiences. Applicants should submit a current resume. Sport industry experience and/ or volunteer experience in the sport industry is preferred, but not required.
5. Official GRE or GMAT scores less than 5 years old.

**The Graduate Admissions Person or Committee will judge the merit of each item and make a recommendation based on the sum total of the application.**

### **Program of Study**

**Students will complete the following .....36 Hours**

- SMGT 6131 - Management of Personnel in Sport (3)
- SMGT 6132 - Current Trends in Sport Administration (3)
- SMGT 6133 - Consumer Behavior in Sport (3)
- SMGT 6134 - Sport Sponsorship (3)
- SMGT 6135 - Revenue Generation in Sport (3)
- SMGT 6330 - Social and Ethical Issues of Sport and Leisure (3)
- SMGT 6335 - Sport Administration (3)
- SMGT 6337 - Sport Facility and Event Management (3)
- SMGT 7330 - Research and Analysis in Sport (3)
- SMGT 7335 - Sport Law and Risk Management (3)
- SMGT 7337 - Sport Marketing (3)
- SMGT 7339 - Financial and Strategic Management in Sport (3)

# 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  
ludowise@georgiasouthern.edu

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. Rocker

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 - GRADUATE

The following graduate degree programs are offered by the academic units within the College:

#### Art

M.F.A. 2D Graphic Design

M.F.A. 2D Studio Art

M.F.A. 3D Studio Art

#### Literature and Philosophy

M.A. English

#### History

M.A. History

#### Foreign Languages

M.A. Spanish

#### Music

M.M. Music

#### Psychology

M.S. Psychology



Psy.D. Clinical Psychology

**Institute for Public and Nonprofit Studies**

M.P.A. Public Administration

**Sociology**

M.A. Social Science

**SECONDARY P-12 EDUCATION  
PROGRAMS**

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

NOTE: GACE 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**

Graduate students are advised in their academic departments.

# **College of Liberal Arts and Social Sciences Programs**

## CLINICAL PSYCHOLOGY

### Psy.D., 132-143 HOURS

132 Hours beyond Bachelor's degree including dissertation; 118 semester hours of coursework

**Advising:** Department of Psychology, Dr. Bryant Smalley, P. O. Box 8041, Statesboro, GA, (912) 478-5539, bsmalley@georgiasouthern.edu, FAX: (912) 478-0751, <http://class.georgiasouthern.edu/psychology/psyd.php>

#### Program Mission

The primary objective of this program is to train doctoral-level professional psychologists to practice psychotherapy and assessment skills in the underserved rural areas of Georgia. This training will be accomplished through coursework, practicum and internship experiences.

#### Model and Goals

The philosophy of the program is consistent with a practitioner-scholar model of education and training. Therefore, graduates of the program are awarded the Psy.D. degree and are trained to be primarily practitioners of clinical psychology. The graduate experience is designed to develop the personhood of each student on par with academic and technical competence. Keeping in mind the acute need for clinical psychologists in rural areas, students will be selected, in part, for their commitment to a pursuit of rural practice. The faculty has identified goals and objectives for students while in the program. These are based on the core competencies of clinical education and training stated by the American Psychological Association (APA) and the National Council of Schools in Professional Psychology (NCSPP).

This program is based on an inclusive theoretical orientation, taking as elements the following clinical positions: behavioral, cognitive, existential, family systems, humanistic, and psychodynamic. Having been exposed to various theories within each of these major positions, students are encouraged to develop an ego-syntonic, integrated theoretical orientation. A well and broadly trained faculty makes the implementation of this model possible. Although each faculty member has her or his particular eclectic theoretical position, all clinical faculty share overarching humanistic values. Not attempting to educate clinicians who will be all things to all people, our primary emphasis is on competency in the delivery and supervision of adult psychotherapy and assessment services.

#### Education and Training Goals and Objectives

1. The foremost goal of this program is to offer high quality graduate education and training in clinical psychology with an emphasis on psychotherapy and assessment in clinical practice.
  - *Objective 1.1: Relationship competence:* Students will develop the ability to form productive professional relationships.
  - *Objective 1.2: Assessment competence:* Students will acquire knowledge and demonstrate skill in psychological assessment.
  - *Objective 1.3: Intervention competence:* Students will demonstrate knowledge and competence in the delivery of psychotherapeutic services associated with treatment of a diverse range of presenting problems.
  - *Objective 1.4: Consultation and education competence:* Students will acquire foundational knowledge regarding consultative aspects of professional practice.
  - *Objective 1.5: Management and supervision competence:* Students will acquire foundational knowledge regarding supervisory aspects of professional practice.
  - *Objective 1.6: Legal and ethical competence:* Students will utilize the ethical code outlined by the American Psychological Association and relevant statutes and laws of the state of Georgia to guide practice in clinical and other professional experiences.
2. The second goal is for the clinical training of students to be well grounded in the breadth of scientific psychology.
  - *Objective 2.1: Knowledge of theory and science competence:* Students will acquire knowledge in the primary areas of scientific and theoretical principles in psychology.
  - *Objective 2.2: Research and evaluation competence:* Students will demonstrate skill in (a) critically evaluating scientific inquiries, (b) creating and conducting empirical research, and (c) integrating empirical research to foster integrity in their clinical interventions. Student will demonstrate knowledge in the following scientific, methodological and theoretical foundations of clinical practice: individual differences in behavior; human development; psychopathology; ethics and professionalism.
3. The third goal is to promote in students an understanding of rurality, diversity, and cultural and their impact on clinical practice.
  - *Objective 3.1: Cultural and diversity competence:* Students are expected to understand the impact of culture and diversity on clinical practice and to take such into consideration when working with diverse individuals.
  - *Objective 3.2: Rural culture competence:* Students are expected to develop an appreciation for the dynamics of a rural culture and how these forces influence individual development and community functioning.
4. As a fourth goal, this program seeks to instill in students a wish for life-long development of the personhood of the clinician on par with lifelong development of clinical knowledge and skills.

#### Program Goals and Objectives

1. The primary goal of this program is to increase the quality and availability of mental health services in rural areas, particularly in the state of Georgia, by encouraging students who graduate from this program to practice in rural settings.
  - Objective 1.1: Based on the research that indicates that students who come from rural areas and who receive their professional training in rural settings are more likely to practice in such settings, preference will be given to applicants to this program who come from or reside in rural parts of Georgia.
  - Objective 1.2: Vigorous efforts have been made, and continue, to locate and develop working relationships with rural mental health facilities where students may be placed for practicum.
2. The second goal of this program is to further the recognition and the understanding of the impact of the culture of the rural South on human behavior and mental health.

- Objective 2.1: Both faculty and students are encouraged to engage in research that furthers understanding of the impact of the rural culture of Georgia.
- Objective 2.2: Both faculty and students are encouraged to present their research and knowledge of rural practice at professional conferences.

### Accreditation

Because we are a new program, the program is not yet accredited by the American Psychological Association (APA). APA considers a doctoral program for accreditation only after the program has students active in all phases of training, including internship. APA accreditation will be sought as soon as is deemed feasible by the Psychology Department faculty. Evidence of our progress toward accreditation is found in the Association of State and Provincial Boards/National Register Designation Committee (ASPBB) listing our program in the [National Register of Doctoral Programs Meeting Designation Criteria](#). Please see the ASPBB website for details associated with this designation.

### Applying to the Psy. D. program

Although academic background, intellectual potential and professional experience and skills will be key selection criteria, we intend to recruit students who are committed to providing service to our region. Therefore, students should carefully consider their interest in rural and underserved populations before applying to the program. Applicants will only be considered for the Psy.D. program (i.e., students will not be admitted for a terminal masters degree in clinical psychology).

Credit for previously taken Courses: Students may be able to substitute credit received for taking graduate courses at a regionally-accredited institution during the last five years. A maximum of 18 hours of graduate level coursework is allowed. All decisions on substituted courses lie with the faculty clinical committee, and course equivalencies will be determined on a case-by-case basis and only after a student has been admitted to the program. In all cases, documentation (syllabi, tests, grades) from the previous course will be required and reviewed by the appropriate program faculty who will document action taken. Credit will not be given for any clinical courses (i.e., courses where clinical theory and/or skills are taught), with the exception of Assessment II: Intellectual Assessment (PSYC 7234). Students wishing to be exempted from this course must demonstrate proficiency as determined by the clinical committee.

### Specific admissions procedures are as follows:

1. Applications will be evaluated once per year for Fall admissions. The deadline for applications is January 15.
2. Applicants will submit an application packet electronically which will consist of all material listed in the Application Checklist. This application can be found at <http://cogs.georgiasouthern.edu/gradadmin/applytogradschool>.
3. An admissions committee, consisting of six program faculty, including the clinical training committee and an appointed member of the experimental faculty, will review and rank order applications based on the criteria described below.
4. A successful completion of a bachelor's degree from a regionally accredited institution. Students' academic record will be evaluated based on official transcripts from all previous enrollments in higher education.
  - The minimum GPA required for consideration is 3.3 (out of 4.0).
  - A minimum grade of "B" in the following undergraduate courses: Introductory Psychology, Psychological Statistics, Research Design, Abnormal Psychology.
  - Record of having taken at least two of the following courses: Personality, Social Psychology, Developmental Psychology, Learning and/or Cognition, Health Psychology, Tests and Measurement, Theories of Psychotherapy, Psychology of Substance Abuse.
5. A minimum GRE score of 950 is required for applicants who took the examination prior to August 2011, or a minimum score of 294 for applicants who took the examination after July 31, 2011. The GRE for the Psychology (subject) test is required only for those students who did not earn either a Bachelor's or a Master's degree in psychology.
6. Three letters of recommendation from former professors or appropriate employers/advisors.
7. A written statement of professional goals and a rationale for how the Psy.D. program will further the students' career objectives. This statement will help the committee evaluate applicants' commitment to providing professional service to the rural areas of this region, as well as their understanding of the time commitments involved in undertaking doctoral study.
8. Based upon the recommendation of the Admissions Committee, a personal interview with applicants may be scheduled as part of the admissions process.

### Part-time Admission and Part-time Status

The Psy.D. program is designed to be a full-time program that can be completed in five years. However, we realize some students may desire to do a portion of the program part-time. To this end, students may be admitted to the program with part-time status. If they wish to do this, the following criteria must be met:

- Students must apply via the same admission procedures as full-time students.
- Students can only begin the program in the Fall semester.
- Students must be admitted with a 18 hours of course credit in non-clinical courses (i.e., they must come into the program with the maximum amount of transfer credit).

Once admitted, part-time students must

- Enroll in a minimum of six credit hours of coursework each semester.
- Be enrolled in the program every semester, unless a Leave of Absence is granted (see below).
- Enroll in necessary co-requisite courses when they are required.
- Enroll in Foundations of Psychotherapy I, II, and Group Psychotherapy (PSYC 7232, PSYC 7433, and PSYC 7235) in consecutive semesters.
- Switch to full-time enrollment (minimum 9 credit hours per semester) for at least one full year to meet the residency requirement (see program manual for details).

- Complete the Psy.D. program within the 8-year time limit allowed for all students.

Part-time students may switch to full-time status at any point in their training. If a student desires to return to part-time status after being full-time, they must petition the program director.

### **Program Requirements**

The program is designed to be a five-year, full-time program for those entering with a bachelor's degree. The first four years will include coursework and graded practicum experiences. A minimum of one year (12 continuous months) of full-time coursework must be done in residency at Georgia Southern. The fifth year will consist of a full-time (2000 hour) approved internship.

- **Grades:**

Students are expected to pass all courses with a grade of "A" or "B". Should a student earn less than a B in any course, he or she is immediately put on probation and must retake the course (and earn an "A" or "B") the next time the course is offered. Earning a second grade below "B" will result in dismissal from the program.

- **Bi-Annual Evaluations:**

Twice a year (usually at the end of the Fall and Spring semesters), students will have an individual meeting with a faculty committee for an evaluation of their progress. The committee will consist of the Director of Clinical Training and at least two other professors under whom the student has studied. The evaluation will assess ongoing development of academic performance and professional skills, ethical judgment and sensitivity, as well as personal attributes or behaviors that may call into questions the student's suitability for career in professional psychology. Documented poor performance in any of these areas will be the basis of efforts by the advisor and program faculty to assist the student in forming and completing a plan for improvement; continued poor performance within specified time frames will be the basis for terminating a student's enrollment in the program.

- **Clinical Qualifying Examination, and Dissertation:**

Near the end of the third year or beginning of the fourth year of study, students must successfully complete a Clinical Qualifying Examination. This examination requires the student to prepare a written and oral case presentation through which he/she demonstrates satisfactory skills in assessing a case, developing an appropriate conceptualization and formulating a treatment plan, conducting pertinent interventions, and evaluating the progress and outcome of the interventions(s) chosen. The written report will be evaluated by a committee of 3 faculty members. Both the written and oral portions are graded pass/fail. A grade of Pass is required for the student to apply to Internship (see below). An acceptable doctoral dissertation proposal will be drafted, typically in the summer of the third year, and implemented in the fourth year of study. It is expected that by the time the student begins internship in the fifth year the dissertation will have been successfully defended. Subject to the approval of the Director of Clinical Training, the dissertation must consist of an original empirical study. The acceptability of the dissertation proposal, and ultimately the dissertation itself, will be determined by a committee consisting of a chair and at least two other members of the graduate faculty. The constituency of the committee is subject to the approval of the Chair of the Department of Psychology and the Director of Clinical Training. The committee's approval of the dissertation will be based in part on an oral defense held open to the university community.

- **Practicum:**

Students begin practicum experiences in the second year of the program following first-year instruction in Psychotherapy foundations, specific instruction in skills, and ethics. In the second and fourth years, students will participate in Vertical Supervision teams. These teams will consist of second-year students doing therapy and assessment and fourth-year students doing the supervision under the guidance of faculty mentors. These teams will do their work in sites on campus: the Georgia Southern Community Psychology Clinic (housed within the Department of Psychology), the Georgia Southern University Center for Counseling and Career Development, and the Regents Center for Learning Disorders (focusing on assessment). In the third year, all students will do their practicum in rural clinics. Students should note that rural training sites often require a substantial time commitment. These sites may be quite a distance from campus and may, in some cases, involve overnight stays. All practicum placements will be at training sites with which the psychology department has prior written agreements concerning training and supervision criteria.

- **Personal Therapy Requirement:**

In our clinical training, we emphasize the development of the clinician as a person in parity with the acquisition of clinical skills and theoretical knowledge. To this end, we require all students to complete a minimum of 15 sessions of personal psychotherapy with a licensed therapist during their time in the program.

- **Internship:**

Many state examining boards for doctoral level psychologists require candidates for licensure to have completed a one-year, full-time (2,000 hour) pre-doctoral internship. Internship requirements for specific states and/or jurisdictions can typically be found with the licensing policies of the local state licensing boards of interest. Additional up-to-date information regarding state licensure can be obtained from the website of the Association of State and Provincial Psychology Boards (<http://www.asppb.org>). The listing of the accredited sites is published in the December issue of the American Psychologist each year. The list is also available on-line at <http://www.apa.org/ed/accreditation/programs/internships-state.aspx>. Typically during their fourth year of study, students will meet with the Director of Clinical Training to discuss internship options. Students will then be encouraged to follow the application process outlined by the Association of Psychology Postdoctoral and Internship Centers (APPIC) <http://www.appic.org>. APA accredited internships are preferred but exceptions can be made, particularly for sites that are not accredited but are listed in the APPIC national match. Because one of the overriding goals of the Psy.D. program is to prepare students for rural practice, rural internship sites should be selected whenever possible. Supervision of doctoral students will be done on site.

### **Leave of Absence**

Leaves of Absence are discouraged as they can lead to difficulties related to the scheduling and sequencing of courses and experiences, thus greatly extending a student's time in the program. However, leaves of absences may be granted to students after they petition to do so with the DCT and the Dean of the College of Graduate Studies. Students who have been granted a leave of absence are responsible for notifying the DCT and the Dean of the College of Graduate Studies when they are ready to resume full-time graduate study. Unless there are unusual extenuating circumstances, leaves of absence cannot extend beyond one calendar year. Students who fail to petition for extended absences and do not return after one year of absence will be withdrawn from the program.

**Program of Study**

Below are the courses required for the Psy.D. program. A curriculum by year can be found by visiting the Psychology Department's web site at <http://class.georgiasouthern.edu/psychology/psyd.php>

<b>Foundational Psychotherapy</b> .....	<b>15 Hours</b>
PSYC 7232 - Foundations of Psychotherapy I (3)	
PSYC 7433 - Foundations of Psychotherapy II (3)	
PSYC 7237 - Psychotherapy Skills I (3)	
PSYC 7333 - Psychotherapy Skills II (3)	
PSYC 7633 - Psychotherapy Skills III: Child and Family Interventions (3)	
<b>Foundational Assessment</b> .....	<b>9 Hours</b>
PSYC 7231 - Assessment I: Psychometric Theory (3)	
PSYC 7234 - Assessment II: Intellectual Assessment (3)	
PSYC 7335 - Assessment III: Personality Assessment (3)	
<b>Biological Bases of Behavior</b> .....	<b>3 Hours</b>
PSYC 9331 - Psychopharmacology (3)	
<b>Cognitive and Affective Aspects of Behavior</b> .....	<b>3 Hours</b>
PSYC 7133 - Advanced Cognitive Psychology (3)	
<b>History and Systems of Behavior</b> .....	<b>3 Hours</b>
PSYC 9235 - History and Systems (3)	
<b>Research Methodology and Data Analysis</b> .....	<b>6 Hours</b>
PSYC 7130 - Statistics for Psychology (3)	
PSYC 7131 - Research Design (3)	
<b>Human Development and Individual Differences</b> .....	<b>3 Hours</b>
PSYC 7331 - Advanced Developmental Psychology (3)	
<b>Psychopathology</b> .....	<b>3 Hours</b>
PSYC 7239 - Psychopathology (3)	
<b>Professional Standards and Ethics</b> .....	<b>3 Hours</b>
PSYC 7233 - Ethics and Professional Issues (3)	
<b>Social Aspects of Behavior</b> .....	<b>3 Hours</b>
PSYC 7332 - Advanced Social Psychology (3)	
<b>Cultural and Individual Diversity</b> .....	<b>6 Hours</b>
PSYC 9230 - Diversity Issues in Psychology (3)	
PSYC 9330 - Rural Mental Health (3)	
<b>Advanced Psychotherapy</b> .....	<b>6 Hours</b>
PSYC 7235 - Group Psychotherapy (3)	
PSYC 7238 - Child Psychotherapy (3)	
<b>Consultation and Supervision</b> .....	<b>16-17 Hours</b>
PSYC 7111 - Supervision (1) (taken a minimum of 10 times (max 11))	
PSYC 9130 - Professional Development (3)	
PSYC 9131 - Supervision and Consultation (3)	
<b>Clinical Practica</b> .....	<b>24-27 Hours</b>
PSYC 7730 - Practicum I (3)	
PSYC 7731 - Practicum II (3)	
PSYC 7733 - Combined Group Practicum (3) (taken a minimum of four times (max 5))	
PSYC 9731 - Rural Practicum (3) (taken two times)	
<b>Internship</b> .....	<b>No Credit</b>
Internship in 5th year	
<b>Dissertation</b> .....	<b>14-21 Hours</b>
PSYC 9999 - Dissertation (14-21)	
<b>Three of the following four courses</b> .....	<b>9 Hours</b>
PSYC 7136 - Geropsychology (3) [Human Development and Individual Differences]	
PSYC 7334 - Couples and Family Psychotherapy (3) [Advanced Psychotherapy]	
PSYC 7336 - Child Psychopathology (3) [Psychopathology]	
PSYC 7337 - Clinical Health Psychology (3)[Foundational Psychotherapy]	
<b>Two of the following three courses</b> .....	<b>6 Hours</b>
PSYC 7134 - Physiological Psychology (3)[Biological Bases]	
PSYC 7135 - Health Psychology (3)[Biological Bases]	
PSYC 7236 - Neuropsychology and Neuropsychological Assessment (3) [Biological Bases]	

## ENGLISH M.A., 36 HOURS

**Total Hours: 30 + 6 hours Thesis**

**Advising:** College of Liberal Arts and Social Sciences, Department of Literature and Philosophy, Dr. Caren J. Town, Georgia Southern University, P.O. Box 8023, Statesboro, GA 30460, phone (912) 478-5803, fax (912) 478-0653, email cartow@georgiasouthern.edu, website: <http://class.georgiasouthern.edu/litphi/>

**Admission Requirements**

**Regular**

1. Completed requirements for the Bachelor's degree in a college accredited by the appropriate regional accrediting associations.
2. A 3.0 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. Minimum Graduate Record Examination (GRE) scores of 550 Verbal, 3.5 Analytical for applicants who took the GRE prior to August 2011; or minimum scores of 156 Verbal, 3.5 Analytical Writing for applicants who took the exam after July 31, 2011.
4. An undergraduate major or the equivalent in the proposed field of study.
5. Two letters of recommendation by persons familiar with the applicant's academic experience.
6. A sample of the applicant's scholarly writing of at least 15 pages, to be sent directly to the department, c/o the Director of Graduate Studies.
7. Statement of Purpose (250-500) words. This statement should address the applicant's academic achievements and major accomplishments, contributions to or experiences in this field of study, pertinent extra-curricular activities, and the reasons why he or she wishes to attend Georgia Southern. While the personal statement is only one of many factors the graduate admissions committee considers when making admission decisions, it helps provide context for the rest of the application.

**Provisional**

Minimum Graduate Record Examination (GRE) scores of 450 Verbal, 2.75 Analytical Writing for applicants who took the GRE prior to August 2011; or minimum scores of 150 Verbal, 2.75 Analytical Writing for applicants who took the exam after July 31, 2011; accompanied by a better than 2.75 (4.0 scale) cumulative grade point average on undergraduate college work. Students who do not meet provisional requirements may appeal to a departmental committee of graduate faculty members for admission.

**Program of Study**

**Required Hours.....21 Hours**

- ENGL 7111 - Seminar in College English (1)
- ENGL 7121 - Methods of Research (2)
- ENGL - Six seminars at the 6000 or 7000 level (18)

**Electives (courses at the ENGL 5000 level or additional ENGL seminars)..... 9 Hours**

Up to six hours may be taken in other disciplines (no more than one course per department) upon approval of the Director.

**Thesis .....6 Hours**

(See below and for more information consult the M.A. English web page at <http://class.georgiasouthern.edu/litphi/malitintro.html>)

In cooperation with a thesis advisor and committee, the student will write an M.A. thesis of 10,000-12,000 words, not counting Notes and Works Cited. (With the approval of the thesis director, the student may write a longer thesis.) The student must pass an oral examination consisting of a discussion of the thesis and of questions related to it. In depth and scope, the thesis must demonstrate originality in research as well as independent and critical judgment in interpreting materials. The major professor shall supervise the research, direct the writing of the thesis, and approve the thesis in its final form. Prior to final approval, the members of the thesis committee will have read the thesis. Both second and third readers shall report all comments to the major professor. See the Graduate Student Manual for additional Thesis information. Prior to beginning the thesis, the student should have the supervisor complete a Thesis Prospectus Form to be approved by the department and the Graduate College.

**OTHER PROGRAM REQUIREMENTS**

**Language Requirement**

All degree programs leading to the Master of Arts degree require a reading knowledge of a foreign language. French, German, or Spanish is generally required, but another language may be specified by the major professor when the latter is appropriate to the area of research proposed by the student in the thesis prospectus. A foreign national may not use English or his or her native language to satisfy the language requirements.

Georgia Southern University offers the following two options for graduate students who need to complete a foreign language requirement:

1. The language requirement may be satisfied by a minimum grade of "C" in the fourth course of a college-level foreign language that is approved by the student's advisor.
2. A student primarily interested in reading research in his or her field should prepare to take the Foreign Language Graduate Reading Exam administered by the Department of Foreign Languages. The student must arrange with the Department of Foreign Languages to take the test in the first half of any semester.

**Seminars**

- ENGL 6232 - Seminar in African-American Literature (3)
- ENGL 6630 - Seminar in Medieval Literature (3)
- ENGL 6631 - Seminar in Shakespeare (3)
- ENGL 6632 - Seminar in Literature of the English Renaissance (3)
- ENGL 6633 - Seminar in Eighteenth-Century and Restoration Literature (3)
- ENGL 6634 - Seminar in Major Authors (3)
- ENGL 6635 - Seminar in Women's and Gender Studies (3)
- ENGL 6637 - Seminar in Criticism and Theory (3)

- ENGL 7111 - Seminar in College English (1)
- ENGL 7121 - Methods of Research (2)
- ENGL 7630 - Seminar in World and Comparative Literature (3)
- ENGL 7631 - Seminar in the British Novel (3)
- ENGL 7632 - Seminar in the American Novel (3)
- ENGL 7633 - Seminar in Nineteenth-Century British Literature (3)
- ENGL 7634 - Seminar in Twentieth-Century British Literature (3)
- ENGL 7635 - Seminar in Nineteenth-Century American Literature (3)
- ENGL 7637 - Seminar in Twentieth-Century American Literature (3)
- ENGL 7638 - Seminar in Twentieth-Century Poetry (3)
- ENGL 7639 - Seminar in Selected Topics (3)
- ENGL 7999 - Thesis (6)

A student may repeat a seminar once when it is taught with a different subtitle.



## FINE ARTS M.F.A., 60 HOURS (Concentration in 2D Graphic Design)

**Advising:** College of Liberal Arts and Social Sciences, Betty Foy Sanders Department of Art, Master of Fine Arts Graduate Program Director, Georgia Southern University, P.O. Box 8032, Statesboro, GA 30460, phone (912) 478-5358, fax (912) 478-5104, email: mfagrad@georgiasouthern.edu.

**Application Deadlines:** March 1 for Fall Semester, October 1 for Spring Semester; application portfolios for the MFA degree program are not reviewed during summer session.

### Admission Requirements

1. Completed requirements for the Bachelor's degree in a college accredited by the appropriate accrediting association.
2. Satisfactory completion of a minimum of 18 semester hours of undergraduate studio arts courses and an additional minimum of nine semester hours of art history.
3. A 3.0 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
4. In addition to application materials required by the College of Graduate Studies, prospective students are required to submit a creative portfolio for consideration by the admissions committee in the Art Department.

### Hard-Copy Portfolio is mailed directly to MFA Graduate Program Director and must include:

1. Letter of Interest which includes a Statement of Intent describing purpose of entering full-time graduate studio art program and ultimate goal(s) as an artist.
2. 20 to 30 images of current artwork representing a mature, post-baccalaureate, body of work. Submit images on printed tear sheets, minimum 4"x6" each; including proper identification of title, media, year, size AND on CD/DVD in 300 dpi jpeg format.
3. Artist's Statement highlighting body of work presented in portfolio.
4. Three (3) letters of reference identifying your studio practices and ability to pursue coursework of an advanced critical and theoretical nature.
5. Curriculum Vitae.

### Program of Study

Students admitted into the Master of Fine Arts degree program pursue tracks in two-dimensional studio; two-dimensional graphic design; or three-dimensional studio. Students are expected to maintain full-time enrollment throughout the degree program. A grade of "A" or "B" is required in course work applied toward the degree. After earning grades of "C" or below in two courses during their degree program, students will be dismissed from the program.

### Requirements .....60 Hours

Major Studio 2D Graphic Design Concentration: student develops the conceptual and strategic characteristics of their personal design work in studio coursework that explores current trends and essential competencies in contemporary graphic design.

Required studio coursework (36 Hours; 12 courses):

- ART 7151 - Design Activism (3)
- ART 7152 - Design and Semiotics (3)
- ART 7153 - Design Explorations (3)
- ART 7154 - Design for the User (3)
- ART 7251 - Design Communication (3)
- ART 7252 - Design Systems (3)
- ART 7253 - Design Forms (3)
- ART 7254 - Design of Information (3)
- ART 7351 - Design Methods (3)
- ART 7352 - Design and Typographic Form (3)
- ART 7353 - Design Ethics (3)
- ART 7354 - Design Issues (3)

Art History/Critical Theory/Professional Practices (9 Hours; 3 courses):

- ART 8830 - Readings and Research in Art (3)
- ARTH 7377 - Graphic Design Art History (3)
- ARTH 8630 - New Art Theory and Criticism (3)

MFA Thesis: Thesis Exhibition and Support Paper (6 Hours; 2 courses):

- ART 8999 - Master of Fine Arts Thesis and Exhibition (3) *repeatable*

Select 9 hours from the following elective courses (in department or outside of major department):

- ART 7190 - 2D Graduate Studio (3)
- ART 7193 - 3D Graduate Studio (3)
- ART 7530 - Studio Pedagogy Practicum (3)
- ART 8030 - Selected Topics in Art (3)

**OR** graduate level art history course or course in other discipline relative to student's thesis direction.

### Required Participation in Faculty Review of Creative Work Throughout Program:

- Graduate Semester Critiques: Present two to four works in one critique per semester during (Year 1 Fall and Spring; Year 2 Spring);
- Third Semester Review: Faculty Review of body of work during (Year 2 end of Fall)
- Graduate Research Symposia Poster Presentation (Year 1, 2, 3 Spring)

- Preparation of MFA Thesis Exhibition with Gallery Director (Year 2 Spring)
- Written Support Document reflective of thesis body of creative work
- Presentation of hardbound thesis monographs to 1)Thesis Chair and 2) Department of ART Archives
- Oral Defense of Thesis Exhibition/Written Text

**Thesis Exhibition, Support Text, Oral Defense**

Completed during the last two semesters of a student's program, the thesis exhibition, support paper and oral defense of exhibition and paper is the culmination of the MFA graduate degree. The student's thesis exhibition represents a sound-body of contemporary artwork, presented professionally. The written support text adheres to the College of Graduate Studies guidelines and explains the historical and theoretical foundations for the student's creative body of visual artwork. The student acknowledges and defends their accomplishments during the oral defense of exhibition and written support text.

## FINE ARTS M.F.A., 60 HOURS (Concentration in 2D Studio Art)

**Advising:** College of Liberal Arts and Social Sciences, Betty Foy Sanders Department of Art, Master of Fine Arts Graduate Program Director, Georgia Southern University, P.O. Box 8032, Statesboro, GA 30460, phone (912) 478-5358, fax (912) 478-5104, email: mfragrad@georgiasouthern.edu.

**Application Deadlines:** March 1 for Fall Semester, October 1 for Spring Semester; application portfolios for the MFA degree program are not reviewed during summer session.

### Admission Requirements

1. Completed requirements for the Bachelor's degree in a college accredited by the appropriate accrediting association.
2. Satisfactory completion of a minimum of 18 semester hours of undergraduate studio arts courses and an additional minimum of nine semester hours of art history.
3. A 3.0 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
4. In addition to application materials required by the College of Graduate Studies, prospective students are required to submit a creative portfolio for consideration by the admissions committee in the Art Department.

### Hard-Copy Portfolio is mailed directly to MFA Graduate Program Director and must include:

1. Letter of Interest which includes a Statement of Intent describing purpose of entering full-time graduate studio art program and ultimate goal(s) as an artist.
2. 20 to 30 images of current artwork representing a mature, post-baccalaureate, body of work. Submit images on printed tear sheets, minimum 4"x6" each; including proper identification of title, media, year, size AND on CD/DVD in 300 dpi jpeg format.
3. Artist's Statement highlighting body of work presented in portfolio.
4. Three (3) letters of reference identifying your studio practices and ability to pursue coursework of an advanced critical and theoretical nature.
5. Curriculum Vitae.

### Program of Study

Students admitted into the Master of Fine Arts degree program pursue tracks in two-dimensional studio; two-dimensional graphic design; or three-dimensional studio. Students are expected to maintain full-time enrollment throughout the degree program. A grade of "A" or "B" is required in course work applied toward the degree. After earning grades of "C" or below in two courses during their degree program, students will be dismissed from the program.

### Requirements .....60 Hours

Major Studio 2D Concentration (36 hours, 12 courses): student develops their personal design artwork in studio coursework with opportunities to pursue experiences in drawing, painting, print/paper/bookarts.

ART 7190 - 2D Graduate Studio (3) *repeatable*

Art History/Critical Theory/Professional Practices (12 Hours; 4 courses):

ART 7890 - Professional Practices in Art (3)

ART 8830 - Readings and Research in Art (3)

ARTH 7237 - Contemporary Art (3)

ARTH 8630 - New Art Theory and Criticism (3)

MFA Thesis: Thesis Exhibition and Support Paper (6 Hours; 2 courses):

ART 8999 - Master of Fine Arts Thesis and Exhibition (3) *repeatable*

Select 6 hours from the following elective courses (in department or outside of major department):

ART 7190 - 2D Graduate Studio (3)

ART 7193 - 3D Graduate Studio (3)

ART 7530 - Studio Pedagogy Practicum (3)

ART 8030 - Selected Topics in Art (3)

**OR** graduate level art history course or course in other discipline relative to student's thesis direction.

### Required Participation in Faculty Review of Creative Work Throughout Program:

- Graduate Semester Critiques: Present two to four works in one critique per semester during (Year 1 Fall and Spring; Year 2 Spring);
- Third Semester Review: Faculty Review of body of work during (Year 2 end of Fall)
- Graduate Research Symposia Poster Presentation (Year 1, 2, 3 Spring)
- Preparation of MFA Thesis Exhibition with Gallery Director (Year 2 Spring)
- Written Support Document reflective of thesis body of creative work
- Presentation of hardbound thesis monographs to 1) Thesis Chair and 2) Department of ART Archives
- Oral Defense of Thesis Exhibition/Written Text

### Thesis Exhibition, Support Text, Oral Defense

Completed during the last two semesters of a student's program, the thesis exhibition, support paper and oral defense of exhibition and paper is the culmination of the MFA graduate degree. The student's thesis exhibition represents a sound-body of contemporary artwork, presented professionally. The written support text adheres to the College of Graduate Studies guidelines and explains the historical and theoretical

foundations for the student's creative body of visual artwork. The student acknowledges and defends their accomplishments during the oral defense of exhibition and written support text.

## FINE ARTS M.F.A., 60 HOURS (Concentration in 3D Studio Art)

**Advising:** College of Liberal Arts and Social Sciences, Betty Foy Sanders Department of Art, Master of Fine Arts Graduate Program Director, Georgia Southern University, P.O. Box 8032, Statesboro, GA 30460, phone (912) 478-5358, fax (912) 478-5104, email: mfagrad@georgiasouthern.edu.

**Application Deadlines:** March 1 for Fall Semester, October 1 for Spring Semester; application portfolios for the MFA degree program are not reviewed during summer session.

### Admission Requirements

1. Completed requirements for the Bachelor's degree in a college accredited by the appropriate accrediting association.
2. Satisfactory completion of a minimum of 18 semester hours of undergraduate studio arts courses and an additional minimum of nine semester hours of art history.
3. A 3.0 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
4. In addition to application materials required by the College of Graduate Studies, prospective students are required to submit a creative portfolio for consideration by the admissions committee in the Art Department.

### Hard-Copy Portfolio is mailed directly to MFA Graduate Program Director and must include:

1. Letter of Interest which includes a Statement of Intent describing purpose of entering full-time graduate studio art program and ultimate goal(s) as an artist.
2. 20 to 30 images of current artwork representing a mature, post-baccalaureate, body of work. Submit images on printed tear sheets, minimum 4"x6" each; including proper identification of title, media, year, size AND on CD/DVD in 300 dpi jpeg format.
3. Artist's Statement highlighting body of work presented in portfolio.
4. Three (3) letters of reference identifying your studio practices and ability to pursue coursework of an advanced critical and theoretical nature.
5. Curriculum Vitae.

### Program of Study

Students admitted into the Master of Fine Arts degree program pursue tracks in two-dimensional studio; two-dimensional graphic design; or three-dimensional studio. Students are expected to maintain full-time enrollment throughout the degree program. A grade of "A" or "B" is required in course work applied toward the degree. After earning grades of "C" or below in two courses during their degree program, students will be dismissed from the program.

### Requirements .....60 Hours

Major Studio 3D Concentration (36 hours, 12 hours): student develops their personal design artwork in studio coursework with opportunities to pursue experiences in ceramics, jewelry/metals, sculpture.

ART 7193 - 3D Graduate Studio (3) *repeatable*

Art History/Critical Theory/Professional Practices (12 Hours; 4 courses):

ART 7890 - Professional Practices in Art (3)

ART 8830 - Readings and Research in Art (3)

ARTH 7237 - Contemporary Art (3)

ARTH 8630 - New Art Theory and Criticism (3)

MFA Thesis: Studio coursework in preparation for Thesis Exhibition and Support Paper (6 Hours; 2 courses):

ART 8999 - Master of Fine Arts Thesis and Exhibition (3)

Select 6 hours from the following elective courses (in department or outside of major department):

ART 7190 - 2D Graduate Studio (3)

ART 7193 - 3D Graduate Studio (3)

ART 7530 - Studio Pedagogy Practicum (3)

ART 8030 - Selected Topics in Art (3)

**OR** graduate level art history course or course in other discipline relative to student's thesis direction.

### Required Participation in Faculty Review of Creative Work Throughout Program:

- Graduate Semester Critiques: Present two to four works in one critique per semester during (Year 1 Fall and Spring; Year 2 Spring)
- Third Semester Review: Faculty Review of body of work during (Year 2 end of Fall)
- Graduate Research Symposia Poster Presentation (Year 1, 2, 3 Spring)
- Preparation of MFA Thesis Exhibition with Gallery Director (Year 2 Spring)
- Written Support Document reflective of thesis body of creative work
- Presentation of hardbound thesis monographs to 1) Thesis Chair and 2) Department of ART Archives
- Oral Defense of Thesis Exhibition/Written Text

### Thesis Exhibition, Support Text, Oral Defense

Completed during the last two semesters of a student's program, the thesis exhibition, support paper and oral defense of exhibition and paper is the culmination of the MFA graduate degree. The student's thesis exhibition represents a sound-body of contemporary artwork, presented professionally. The written support text adheres to the College of Graduate Studies guidelines and explains the historical and theoretical

foundations for the student's creative body of visual artwork. The student acknowledges and defends their accomplishments during the oral defense of exhibition and written support text.

## HISTORY

### M.A., 36 HOURS

**Advising:** College of Liberal Arts and Social Sciences, Department of History, Director of Graduate Studies, Georgia Southern University, P.O. Box 8054, Statesboro, GA 30460, phone (912) 478-4478, fax (912) 478-0377, website: <http://class.georgiasouthern.edu/history/>

**Application Deadlines:** March 1, for Fall enrollment; November 15, for Spring enrollment applications. Although later applications will be considered, applicants meeting these deadlines will be given priority consideration for available graduate assistantships.

#### Admission Requirements

##### Regular

Applicants seeking admission to the graduate program in history must have:

1. Completed requirements for the Bachelor's degree in a college accredited by the proper regional accrediting associations.
2. A 3.0 (4.0 scale) cumulative grade point average or higher on all undergraduate work, with a 3.0 cumulative GPA in history and no grade in history lower than a "C."
3. Minimum Graduate Record Examination (GRE) scores of 550 Verbal plus 500 Quantitative or 4.0 Analytical Writing for applicants who took the GRE prior to August 2011; or minimum scores of 156 Verbal plus 144 Quantitative or 4.0 Analytical Writing for applicants who took the exam after July 31, 2011. Lower test scores may be considered but the applicant will need strong evidence of the ability to perform satisfactorily in graduate level work.
4. An undergraduate major or the equivalent in history. Students with majors in other fields of study are given equal consideration for admission providing they have at least 15 semester hours (or quarter-system equivalent) of history (at least 12 hours at the upper division level) and a total of 30 hours in the social sciences and humanities.
5. Two letters of recommendation by individuals who are familiar with the applicant's potential for successful graduate study.
6. A statement of purpose (approximately 250 words) outlining the applicant's interest in graduate study in history.

##### Provisional

Non-traditional students and applicants not meeting the above requirements may be considered for Provisional (Probationary) admission as determined on a case-by-case basis.

##### Program of Study

The department offers thesis and non-thesis options.

The degree candidate for a Master of Arts in History will take 30 hours of course work (out of a total of 36), which includes the following:

##### General Requirements

**Thesis Option ..... 15 Hours**

- The Historian's Craft (3)
- Reading Colloquium (in area of concentration) (3)
- Reading Colloquium (outside area of concentration) (3)
- Research Seminar (3)
- Historical Writing and Editing (3)
- Electives (15) (Up to nine hours at 5000-level are permitted) (Up to six hours may be taken in other disciplines upon approval of Advisor)
- Thesis (6)

##### Non-Thesis Option

Same as above, except candidate will substitute three additional hours of elective and an article-length paper (approximately 10,000 words) for the thesis.

##### OTHER PROGRAM REQUIREMENTS

- The student must also pass a reading-knowledge examination in an appropriate foreign language, pass an oral examination on courses taken for the degree, and, for the thesis option, pass an oral thesis defense.

## MUSIC

### M.M., 33 HOURS

**Advising:** College of Liberal Arts and Social Sciences, Department of Music, Dr. Gregory W. Harwood, Music Dept., GSU, P.O. Box 8052, Statesboro, GA 30460, phone (912) 478-5813, fax (912) 478-0583, email: gharwood@georgiasouthern.edu

#### Admission Requirements:

##### Regular:

1. A completed bachelor's degree in music or equivalent.
2. A minimum 3.0 (4.0 scale) cumulative grade point average in undergraduate work.
3. Two letters of recommendation by individuals who are familiar with the applicant's potential for successful graduate study.
4. Requirements pertinent to the student's intended area of concentration:
  - a. Composition: satisfactory sample scores for at least three different types of compositions
  - b. Music Education: L-4 certification by the State of Georgia or its equivalent
  - c. Music Technology: a statement of purpose and a portfolio of your previous work in music technology
  - d. Performance (contact the Director of Graduate Studies to set up auditions described below):

**Conducting:** Satisfactory live or videotaped audition with three pieces in contrasting styles (one of them a cappella for choral conductors) and a satisfactory agreement with the conducting faculty committee about how the practical conducting requirement will be managed. Generally, full-time students will be assigned to work with various University ensembles; other students may request permission to work with an ensemble (such as a school band or choir) with which they are currently involved.

**Instrumental:** Satisfactory live or taped audition with three contrasting pieces from different periods. The audition committee may also request to hear scales or other technical material.

**Vocal:** Satisfactory live or taped audition with three contrasting pieces from different periods demonstrating acceptable proficiency in diction in English, German, French, and/or Italian. Students are also expected to demonstrate basic undergraduate proficiency using the International Phonetic Alphabet (IPA) and fluency in basic keyboard accompanying skills.

##### Provisional:

Students may be admitted, at the discretion of the graduate admissions committee, on a provisional basis if one or more of the requirements listed above are judged to be marginal. Specific provisions for exiting provisional status will be set in each case by the admissions committee and must be satisfied before proceeding past the first 12 semester hours of course work.

##### Departmental Entrance Examination:

All students entering the program must pass a Departmental Entrance Examination to demonstrate acceptable undergraduate-level proficiency in music theory, analysis, and history. This examination is administered online prior to the start of the student's first semester, and details about the contents of the test and its administration will be sent to each student after s/he has been admitted. Students who do not pass the examination will be required to take a noncredit review course and may not take MUSC 7331 - Advanced Analytical Techniques until they have passed the review course. Students who cannot pass the review course will be dropped from the program.

**All M.M. candidates are required to pass a comprehensive oral examination, covering coursework and their recital or final project.**

<b>Concentration in Composition</b> .....	<b>33 Hours</b>
MUSA 7191 - Recital (3)	
MUSA 7192 - Composition (6)	
MUSC 5231G - MUSC 5236G (3) <b>OR</b> MUSC 5239G - Selected Topic in Music History (3) <i>(Select one music history course from the series; MUSC 5233G - Music in the Contemporary Period (3) is strongly recommended for students in Composition.)</i>	
MUSC 6131 - Music Reference Tools and Resources (3)	
MUSC 7331 - Advanced Analytical Techniques (3)	
Select <u>one</u> of the following:	
MUSC 7530 - Digital Audio Montage (3)	
MUSC 7535 - Advanced MIDI Sequencing (3)	
MUSC 7533 - Sound Design and Processing (3)	
MUSC 7534 - Interactive Media (3)	
Free Electives Approved by Student's Advisor (12)	
<b>Concentration in Conducting</b> .....	<b>33 Hours</b>
MUSA 7191 - Recital (3)	
MUSC 5231G - MUSC 5236G (3) <b>OR</b> MUSC 5239G - Selected Topics in Music History (3) <i>(Select one music history course from the series)</i>	
MUSC 6131 - Music Reference Tools and Resources (3)	
MUSC 7331 - Advanced Analytical Techniques (3)	
MUSC 7630 - Seminar in Advanced Conducting (3) <b>and/or</b> MUSA 7199 - Applied Conducting (minimum of 6 hours total)	
MUSC 7633 - Advanced Score Reading Techniques (3)	
Select <u>6 hours</u> from additional courses in music literature, music history, music theory, and/or composition	
Free Electives Approved by Student's Advisor (6)	
<b>Concentration in Performance</b> .....	<b>33 Hours</b>
MUSA 7191 - Recital (3)	
MUSC 5231G - MUSC 5236G (3) <b>OR</b> MUSC 5239G - Selected Topics in Music History (3) <i>(Select one music history course from the series)</i>	
MUSC 6131 - Music Reference Tools and Resources (3)	



- MUSC 7331 - Advanced Analytical Techniques (3)
- MUSA 7xxx - Applied Music (minimum of 6 hours)
- MUSC 5030G - Selected Topics in Music Literature (3) (with specific topic related to student's area)
- Free Electives Approved by Student's Advisor (12)

**Concentration in Music Education.....33 Hours**

- MUSC 5231G - MUSC 5236G (3) **OR** MUSC 5239G - Selected Topics in Music History (3) (Select one music history course from the series)
- MUSC 6131 - Music Reference Tools and Resources (3)
- MUSC 7231 - History and Philosophy of Music Education (3)
- MUSC 7232 - Research in Music Learning (3)
- MUSC 7331 - Advanced Analytical Techniques (3)
- MUSC 7931 - Music Education Final Project (3)
- Select 3 hours of performance from the following:
  - Any graduate-level MUSA course(s) (may be repeated for credit)
  - Any graduate-level MUSE course(s) (may be repeated for credit)
  - MUSC 7630 - Seminar in Advanced Conducting (3, may be repeated for credit, but a single time may not count for both this category and the Music Ed. electives listed above)
- Select one of the following: (or other music education course approved by advisor)
  - MUSC 7239 - Selected Topics in Music Education (3)
  - MUSC 7360 - Seminar in Advanced Conducting (3) (*may be repeated for credit*)
  - MUSC 7361 - Advanced Score Reading Techniques (3)
  - MUSC 7432 - Choral Literature (3)
  - MUSC 7436 - Wind Ensemble Music Before 1950 (3)
  - MUSC 7437 - Wind Ensemble Music After 1950 (3)

Free Electives (9) (Students should plan with their Advisor a combination of graduate-level elective courses from Music, Education, Instructional Technology, or other areas that will maximize the degree's usefulness for their intended career path.)

**Concentration in Music Technology .....33 Hours**

- MUSC 5231G - MUSC 5236G (3) **OR** MUSC 5239G - Selected Topics in Music History (3) (*Select one music history course from the series; MUSC 5233G - Music in the Contemporary Period (3) is strongly recommended for students in Music Technology.*)
- MUSC 5630G - Music, Technology, and Contemporary Culture (3)
- MUSC 6131 - Music Reference Tools and Resources (3)
- MUSC 7932 - Music Technology Final Project (3)
- Select three of the following:
  - MUSC 7530 - Digital Audio Montage (3)
  - MUSC 7535 - Advanced MIDI Sequencing (3)
  - MUSC 5539G - Selected Topics in Music Technology (3)
  - MUSC 7533 - Sound Design and Processing (3)
  - MUSC 7534 - Interactive Media (3)

Free Electives (12) (Students should plan with the head of the Music Technology area a combination of graduate-level elective courses from Music, Computer Science, General Technology, Graphics Communication Management, Instructional Technology, or other areas that will maximize the degree's usefulness for their intended career path.)

## PSYCHOLOGY M.S., 36 HOURS

**Advising:** College of Liberal Arts and Social Sciences, Department of Psychology, Georgia Southern University, P.O. Box 8041, Statesboro, GA 30460, phone (912) 478-0748, fax (912) 478-0751, website: <http://class.georgiasouthern.edu/psychology/>

**Admission Requirements**

New students are admitted to the program in Fall semester only. The program is limited to 12 new students.

**Regular**

The applicant must have:

1. Completed requirements for the Bachelor's degree in a college accredited by the proper regional accrediting associations.
2. Taken Introduction to Psychology, an introductory statistics course, and at least two additional courses in psychology. (Research Methods or Experimental Psychology preferred).
3. A 3.0 (4.0 scale) cumulative grade point average or higher on undergraduate work.
4. Minimum Graduate Record Exam (GRE) scores of 410 on the Verbal section and 530 on the Quantitative for applicants who took the GRE prior to August, 2011, or minimum scores of 146 on the Verbal section and 145 on the Quantitative section for applicants who took the exam after July 31, 2011.
5. Submitted:
  - a. A personal statement that includes a description of career goals, reasons for applying for graduate study at Georgia Southern University, a list of academic achievements, non-academic achievements, relevant work experience, a self-evaluation of maturity level and character.
  - b. Recommendations from three individuals who can speak of the applicant's undergraduate academic performance, potential for graduate study, and maturity level and character.

**Provisional**

For applicants who meet two out of three of the following criteria for regular admission (GRE-V, GRE-Q, GPA), provisional admission may be granted by the departmental graduate faculty based on their consideration of the materials submitted by the applicant and an interview if done.

**Program of Study**

- Statistics and Research Design (6)
- Content courses, e.g., Developmental Psychology, Cognitive Psychology (18)
- Applied research courses, e.g., Research Experience (6)
- Thesis (6)

**Total.....36 Hours**

**OTHER PROGRAM REQUIREMENTS**

- All students in the MS program must pass a written comprehensive exam given during the spring semester of their second year. The thesis requires an oral defense.
- The program offers an option Teaching Emphasis, which prepares students to potentially serve as Teaching Assistants at University-level. In choosing this option, students will substitute PSYC 7631 - Seminar in Teaching Psychology for PSYC 7490 - Advanced Directed Study as well as meet other criteria.

**PSYCHOLOGY  
M.S., 54 HOURS  
(Psy.D. Track)**

**Advising:** College of Liberal Arts and Social Sciences, Department of Psychology, Georgia Southern University, P.O. Box 8041, Statesboro, GA 30460, phone (912) 478-5343, fax (912)478-0751, website: <http://class.georgiasouthern.edu/psychology/>

**Admission Requirements**

As this is a degree that is part of the Doctor of Psychology (Psy.D.) program, only students enrolled in the Psy.D. program are eligible.

**Total.....54 Hours**

**PROGRAM REQUIREMENTS**

- All students must have completed the first two years (54 credit hours) of the Psy.D. program through the Spring semester of the second year and must have successfully completed the Clinical Qualifying Examination.

## PUBLIC ADMINISTRATION M.P.A., 39 HOURS

**Advising:** College of Liberal Arts and Social Sciences, Institute for Public and Nonprofit Studies, Dr. Trenton J. Davis, MPA Program, Georgia Southern University, P.O. Box 8048, Statesboro, GA 30460, phone (912) 478-1400, fax (912) 478-8029, email: mpa@georgiasouthern.edu

**Admission Requirements**

**Regular**

A student must have the following items in his or her portfolio:

1. Completed requirements for the Bachelor's degree in a college accredited by proper regional accrediting association.
2. A 2.75 (4.0 scale) cumulative grade point average in undergraduate work.
3. For applicants taking the Graduate Record Examination (GRE) prior to August 2011, a score of at least 400 on both the Verbal and Quantitative sections and a score of at least 3 on the Analytical Writing section are required to be considered for regular admission. For applicants taking the GRE after July 31, 2011, a score of at least 146 on the Verbal section and 140 on the Quantitative section and a score of at least 3 on the Analytical Writing section are required to be considered for regular admission.
4. A current resume detailing relevant work experience.
5. Three (3) letters of recommendation from persons familiar with the applicant's academic or employment experience.
6. Statement of career goals and objectives.

**Provisional**

In the following circumstances, applicants who do not meet the above criteria may be admitted:

- Provisional admission will be considered for applicants who do not meet one or more of the academic requirements listed above if strong evidence of ability to perform well in graduate work is provided through reference to work experience or other means.

**Non-Degree**

In cases of incomplete admission applications, an applicant must have an undergraduate GPA of 2.75 and will be restricted to a maximum of three courses without gaining provisional or regular admission status.

**Program of Study**

The graduate student and the MPA Program Director shall jointly develop a Program of Study that includes 21-semester hours of core courses, 12-semester hours of concentration courses, 3-semester hours of internship (depending on whether student is pre-service or in-service), and 3-semester hours in capstone course.

**Core Requirements.....21 Hours**

- PBAD 7130 - Ethics for Public Serving Organizations (3)
- PBAD 7134 - Public and Nonprofit Sector Management (3)
- PBAD 7230 - Budgeting in Public Serving Organizations (3)
- PBAD 7430 - Public Human Resource Management (3)
- PBAD 7530 - Research Methods for Public Serving Organizations (3)
- PBAD 7531 - Public Program Evaluation (3)
- PBAD 7631 - Foundations of Public Administration (3)

**Concentration Requirements.....12 Hours**

Students complete 12-semester hours in one of the following concentrations:

- Public Management
- Nonprofit Management

**Internship .....3 Hours**

- PBAD 7730 - Internship in Public Administration (3)

**Other Program Requirements.....3 Hours**

- PBAD 7638 - Capstone Seminar (3)

Students who are not professionally employed in the public or nonprofit sector while a student in the MPA program will be required to complete an internship in a public agency or nonprofit organization before completing the program. Students must have completed at least 15 semester hours and have a GPA in the MPA program of at least 3.0 before enrolling for credit in the internship.

## **CERTIFICATE IN PUBLIC HISTORY 15 HOURS**

**Advising:** Department of History, Georgia Southern University, P.O. Box 8054, Statesboro, GA 30460-8054, (912) 478-4478.

### **Admission Requirements**

Students who wish to obtain the Certificate in Public History need not be enrolled in the M.A. in History program but must still apply and be admitted to the College of Graduate Studies.

### **Regular**

Applicants seeking admission to the Certificate in Public History must have:

1. Completed requirements for the Bachelor's degree in a college accredited by the proper regional accrediting associations.
2. A 3.0 (4.0 scale) cumulative grade point average or higher on all undergraduate work, with a 3.0 cumulative GPA in history and no grade in history lower than a "C".
3. An undergraduate major or the equivalent in history. Students with majors in other fields of study are given equal consideration for admission providing they either have (a) three years of history-related professional work experience OR (b) at least 15 semester hours (or quarter-system equivalent) of history (at least 12 hours at the upper division level and a total of 30 hours in the social sciences and humanities).
4. Two letters of recommendation by individuals who are familiar with the applicant's potential for successful graduate study.
5. A statement of purpose (approximately 250 words) outlining the applicant's interest in graduate study in public history.

### **Provisional**

Non-traditional students and applicants not meeting the above requirements may be considered for Provisional (Probationary) admission as determined on a case-by-case basis.

### **Program of Study**

**Required Courses.....15 Hours**

- HIST 5431G - Advanced Topics in Public History (3)
- HIST 7651 - Seminar in Public History (3)
- HIST 7661 - Museum Studies (3)
- HIST 7791 - Graduate Internship in History (3)
- HIST 7990 - Non-Thesis Project in History (3)

### **OTHER PROGRAM REQUIREMENTS**

- Students enrolled in the M.A. in History program must complete an additional six hours of electives, chosen with the approval of the Director of Graduate Studies in History.

## SOCIAL SCIENCE M.A., 36 HOURS

**Advising:** College of Liberal Arts and Social Sciences, Department of Sociology and Anthropology, Georgia Southern University, P.O. Box 8051, Statesboro, GA 30460, (912) 478-5443, FAX: (912)478-0703

**Admission Requirements**

**Regular**

1. An undergraduate degree from an accredited, four-year institution (or a course of study that is the equivalent of such a degree).
2. A statement of purpose expressing student's aspirations.
3. A favorable review by the Social Science Graduate Admissions Committee. If an applicant's overall undergraduate GPA is equal to or greater than a 3.0 or if the student already holds an advanced graduate degree, the GRE scores will be waived. Otherwise, GRE scores are required. Consideration is also given to the student's statement of purpose and potential for succeeding in the program.

**Provisional**

Non-traditional students and applicants not meeting the above requirements may be considered for Provisional (Probationary) admission as determined on a case-by-case basis.

**Required Core Courses ..... 12 Hours**

SOCI 6638 - Proseminar in Social Science (3)

Theory (3) (Can be any ANTH, CRJU, HIST, POLS, PSYC, or SOCI theory course)

Methods and/or Analysis (6) (Can be any ANTH, CRJU, HIST, POLS, PSYC, or SOCI methods and/or analysis)

**Elective Courses ..... 18 Hours**

A student will develop a program of study in conjunction with their advisor and approved by the graduate Director. A student will select an area of concentration within one of the six areas - Anthropology, Criminal Justice and Criminology, History, Political Science, Psychology, or Sociology. An area of concentration requires a minimum of 15 hours of coursework from within anthropology, criminal justice and criminology, history, political science, psychology or sociology. With the exception of SOCI 6638, core courses can be used to fulfill the area of concentration requirements.

**Terminal Project ..... 6 Hours**

**Applied/Public Service Track**

The applied/public service track is for students who plan to enter applied or public service venues. Students may choose among three terminal projects. (Option 1) Students complete six hours of course work that has an applied emphasis (e.g. additional classes in methods, statistics, grant writing, program evaluation, public policy, or field research). Specific courses must be approved by the advisor and graduate director. (Option 2) Students complete an internship approved by the advisor and director. Or (Option 3) students take courses to prepare them for a career in teaching at the community college level.

**Thesis Track**

The research thesis track is strongly recommended for students who plan to continue in graduate or professional education. The thesis may be theoretical or empirical and should represent the student's knowledge of social science theory, methodology and a substantive areas as well as the ability to conduct research. Data for empirical research projects may be qualitative and/or quantitative and primary and/or secondary in nature.

**General Program Requirements**

Students can earn six hours of credit from courses at the 5000G level. Students will craft a program of study which draws from at least two of the six fields of study within the Social Sciences program. Enrollment in courses outside anthropology, criminal justice and criminology, history, political science, psychology, and sociology is limited to a maximum of six semester hours. Courses that are taken to fulfill a prerequisite for admission may not be used to satisfy course hour requirements. All students must complete a portfolio to demonstrate the completion of program objectives.

## SPANISH M.A., 30 HOURS

**Advising:** Department of Foreign Languages, Graduate Advisor, Georgia Southern University, P.O. Box 8081, Statesboro, GA 30460, (912) 478-5281, fax: (912) 478-0652

### Admission Requirements

#### Regular

1. Completed requirements for the Bachelor's degree in a college accredited by the appropriate regional accrediting associations or a Ministry of Education approved institution if an international student.
2. A 3.0 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. An undergraduate major or the equivalent in the proposed field of study or permission of the graduate director and the chair of the department.
4. Two letters of recommendation by persons familiar with the applicant's academic experience.
5. Minimum oral and writing proficiency ratings of Intermediate High (ACTFL Standards) as determined by a certified ACTFL Proficiency evaluator (the department has certified evaluators).

#### Provisional

Students who do not meet the requirements for regular admission may appeal to the departmental graduate committee for provisional admission.

#### Program of Study

Candidates for the M.A. in Spanish must complete a total of 30 hours.

1. Non-Thesis Option: 24 hours of graduate-level course work in Spanish plus an additional six hours in Spanish or in a related field as approved by the graduate director (note that a maximum of 6 credit hours at the 5000G level may count toward the degree).
2. Thesis Option: 24 hours of graduate-level course work in Spanish + 6 hours of Thesis (note that a maximum of six credit hours at the 5000G level may count toward the degree).

In cooperation with a thesis advisor and committee, the student will write an M.A. thesis (minimum of 60 pages, not counting Notes and Works Cited). In depth and scope, the thesis must demonstrate independent and critical judgment in interpreting materials. The major professor shall supervise the research, direct the writing of the thesis, and approve the thesis in its final form. Prior to final approval, the members of the thesis committee will have read the thesis. The second and third readers shall report all comments to the major professor. Prior to beginning the thesis, the student should have the supervisor complete a Thesis Prospectus Form to be approved by the department graduate committee and the Graduate College.

### OTHER PROGRAM REQUIREMENTS

#### Comprehensive Exams

All degree candidates will take comprehensive written and oral examinations. The written exam will be taken over two separate days in four-hour blocks. Students will answer eight questions related to their coursework, writing for one hour on each. After the written exams, on a separate day, the student will be examined orally. The oral exam will consist of a 15-20 minute presentation of the student's research (thesis or other paper) and then a question and answer period during which professors will ask questions about the presentation, the written exam, and other course-related questions.

Students who fail the Comprehensive Exams may appeal to retake the exams one additional time. Students must retake the Comprehensive Exams within one year of their original attempt. Under no circumstances may the Comprehensive Exams be taken a third time. Students in the Non-Thesis option do not need to be enrolled in courses in order to retake the Comprehensive Exams. Students in the Thesis Option will need to enroll in one credit hour of thesis credit each semester through the completion of the Comprehensive Exams. Once thesis registration commences enrollment each semester/term thereafter is required per the continuous enrollment policy.

#### Language Requirement

All degree programs leading to the Master of Arts degree require a reading knowledge of a second foreign language. Students should consider early on which language they wish to study and how they will satisfy the requirement. The language must be approved by the graduate advisor. A foreign national may not use English or his or her native language to satisfy the language requirement.

Georgia Southern University offers the following two options for graduate students who need to complete a foreign language requirement:

1. The language requirement may be satisfied by a minimum grade of "C" in the fourth course of a college-level foreign language that is approved by the student's advisor.
2. A student primarily interested in reading research in his or her field should prepare to take the Foreign Language Graduate Reading Exam administered by the Department of Foreign Languages. The student must register for the exam with the Department of Foreign Languages no later than the last week of the semester before the test is to be taken. The examination will be based on material selected in advance by the student and approved by the examiner. The exam will have a limit of two hours, during which time the student will be expected to prepare a reasonably accurate written translation of several passages selected by the examiner. The use of dictionaries during the exam will be permitted. The examining committee for foreign languages shall report "pass" or "fail" to the College of Graduate Studies.

**DUAL ENROLLMENT IN THE M.A. IN SPANISH AND M.A.T. IN SPANISH (45 HOURS)**

Students may elect to dual enroll in the M.A. in Spanish and the M.A.T. in Spanish programs (P-12 Education with Teaching Field in Spanish). Students can complete the requirements of the M.A. and certify at the same time. Students must meet the admission requirements for both programs in order to be dual enrolled.

**M.A.T Admission Requirements in Addition to the M.A.:**

- Pass the GACE I and the GACE II
- Have appropriate score on the GRE or the MAT

**Prerequisite:**

Students must take either ITEC 3430 as an undergraduate or ITEC 7530 as a graduate, or an equivalent, as a prerequisite for official entry into the M.A.T. program. Students may pursue the M.A. while awaiting official entry into the M.A.T. program.

**Combined Program of Study .....45 Hours**

- EDUF 7130 - Learning Theories and Applications (3)
- EDUR 7130 - Educational Research (3)
- ESED 5799G - Student Teaching in P-12 Education (9)
- FORL 6431 - Foreign Language Methods P-5 (3)
- FORL 6432 - Foreign Language Methods 6-12 (3)
- FORL 6433 - Practicum in Foreign Language (3)
- SPAN - Graduate level Spanish courses (18)
- SPED 6130 - Introduction to Special Education (3)

**Other Program Requirements:**

- Comprehensive exams and fulfillment of the M.A. language requirement



# CERTIFICATE IN PUBLIC AND NONPROFIT MANAGEMENT 15 HOURS

**Advising**

College of Liberal Arts and Social Sciences, Institute for Public and Nonprofit Studies, Dr. Trenton J. Davis, MPA Program, Georgia Southern University, P.O. Box 8048, Statesboro, GA 30460, phone (912) 478-1400, fax (912) 478-8029, email: mpa@georgiasouthern.edu

**Regular Admission Requirements**

A student must have the following items in his or her portfolio:

1. Completed requirements for the Bachelor's degree in a college accredited by proper regional accrediting association.
2. A 2.75 (4.0 scale) cumulative grade point average in undergraduate work.
3. For applicants taking the Graduate Record Examination (GRE) prior to August 2011, a score of at least 400 on both the Verbal and Quantitative sections and a score of at least 3 on the Analytical Writing section are required to be considered for regular admission. For applicants taking the GRE after July 31, 2011, a score of at least 146 on the Verbal section and 140 on the Quantitative section and a score of at least 3 on the Analytical Writing section are required to be considered for regular admission. **Note:** The GRE can be waived if the applicant has at least 5 years relevant working experience.
4. A current resume detailing relevant work experience.
5. Three (3) letters of recommendation from persons familiar with the applicant's academic or employment experience.
6. Statement of career goals and objectives.

**Prerequisite(s):**

Individuals applying to the Certificate program must have at least three years of work experience in the public or nonprofit sector, or completed part of their graduate course work in a related field of study.

**Program of Study**

The Certificate program requires a total of 15-credit hours and is offered fully online through the Master of Public Administration (MPA) Program. It takes a total of 1 year to complete the five course sequence. Each course runs a period of eight weeks.

<b>Requirements .....</b>	<b>15 Hours</b>
PBAD 8131 - Survey of Public Administration for the In-Career Professional (3)	
PBAD 8132 - Theory and Practice of Public and Nonprofit Management (3)	
PBAD 8133 - Human Resource Management for the In-Career Professional (3)	
PBAD 8134 - Ethics of Administration for the In-Career Professional (3)	
PBAD 8135 - Theory and Practice of Public and Nonprofit Budgeting (3)	

After earning the Certificate, students with a cumulative grade point average of at least 3.0 may apply to the MPA program. Successful MPA applicants will receive credit for 15 hours toward their MPA degree. The MPA degree requires a total of 39-credit hours, whereby, in addition to core management courses, students pursue an area of concentration in public management or nonprofit management. The MPA Program at Georgia Southern University is fully accredited by the Network of Schools of Public Policy, Affairs, and Administration (NASPAA).

**TEACHING ENGLISH TO SPEAKERS OF OTHER  
LANGUAGES(ESOL)/APPLIED LINGUISTICS  
CERTIFICATE  
18 HOURS  
(Online)**

**Advising**

College of Liberal Arts and Social Sciences, Department of Writing & Linguistics, Dr. Thomas B. Klein, Georgia Southern University, P.O. Box 8026, Statesboro, GA 30460, phone (912) 478-0739, fax (912) 478-0783, email: tklein@georgiasouthern.edu or College of Education, Department of Teaching & Learning, Dr. Scott A. Beck, Georgia Southern University, P.O. Box 8134, Statesboro, GA 30460, phone (912) 478-0354, fax (912) 478-0026, email: salbeck@georgiasouthern.edu

**Admission Requirements**

**Regular**

A student normally must have the following items in his or her portfolio:

1. Completed requirements for the Bachelor's degree in a college accredited by proper regional accrediting association or the equivalent at a recognized international university.
2. A 2.75 (4.0 scale) cumulative grade point average in undergraduate work.
3. Regular admission is typically offered to applicants who fulfill criteria set by the College of Graduate Studies (COGS). Note: Applicants to graduate certificate programs do not submit GRE scores.
4. Three (3) letters of recommendation from persons familiar with the applicant's academic or employment experience.
5. Statement of career goals and objectives.

**International Students**

In addition to the items above, international students for whom English is not a first or native language must have the following TOEFL scores: (a) Paper Based Test - score of 600 or higher and TWE (Test of Written English) - score of 5 or higher; or (b) Internet-based Test (iBT) - Reading: 22 or higher ("high"); Listening: 22 or higher ("high"); Speaking: 26 or higher ("good"); Writing: 24 or higher ("good") for a total score of 94 or higher. The TOEFL will be waived for students who have graduated from a U.S. college or university.

**Recommended Background**

Individuals applying to the Graduate Certificate program should have an interest in education and language study developed through work in disciplines including but not limited to education, English, foreign languages, linguistics, or writing or complementary areas in the humanities or social sciences.

**Program of Study**

The Graduate Certificate program requires a total of 18 credit hours and is offered fully online. It takes a total of one year to complete the six-course sequence.

**Requirements ..... 18 Hours**

- ESED 5234G - Cultural Issues: ESOL (3)
- ESED 5235G - Methods for ESOL (3)
- LING 6131 - Applied Phonology (3)
- LING 6133 - Applied English Grammar (3)
- LING 6231 - Language, Nation, & Globalization (3)
- LING 6233 - Teaching English Internationally (3)

**Please Note:** This certificate program does not lead to State of Georgia, Professional Standards Commission-issued teacher certification.

# Jiann-Ping Hsu College of Public Health

Web: <http://jphcoph.georgiasouthern.edu>  
Email: [jphcoph@georgiasouthern.edu](mailto: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](mailto:rgevans@georgiasouthern.edu)

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Assistant to the Dean: Belinda Classens  
3021 Hendricks Hall  
P.O. Box 8015  
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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 Giann-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**

## Master of Public Health

The Master of Public Health (M.P.H.) educational degree program at the Jiann-Ping Hsu College of Public Health at Georgia Southern University prepares professionals for broad-based practice in public health, through the integration of core competencies in the five areas of knowledge basic to public health (biostatistics, environmental health, epidemiology, health services administration, and social and behavioral sciences) with specialized knowledge and expertise in one of these areas. The program serves both the full-time student preparing for a career in public health, as well as currently employed health professionals seeking an advanced education to augment their existing skills and background.

### Purpose

The purpose of the M.P.H. is to prepare graduate level public health practitioners capable of applying practice-based skills to promote the concepts of the field.

A comprehensive public health education program should provide skills enabling students to assess the magnitude and potential impact of the multiple problems facing populations, as well as recognize existing community capacities or resources. In conjunction with assessment skills, students enrolled in a public health program should understand the role of community empowerment, community mobilization, networks, and partnerships in the development of comprehensive public health policies designed to impact the priority areas identified in the assessment phase. Lastly, student skill sets in a public health program should focus on the task of assuring a presence of services and infrastructure necessary to address problems identified in the assessment phase, as well as enforce policies developed in response to the assessment. Specific skill sets related to the core functions of public health practice are as follows:

- Monitor health status to identify community health problems;
- Diagnose and investigate health problems and health hazards in the community;
- Inform, educate, and empower people about health issues;
- Mobilize community partnerships to identify and solve health problems;
- Develop policies and plans that support individual and community health efforts;
- Recognize the importance of the enforcement of laws and regulations necessary to protect health and ensure safety;
- Link people to needed personal health services and assure the provision of health care when otherwise unavailable;
- Evaluate effectiveness, accessibility, and quality of personal and population-based health services; and
- Research for new insights and innovative solutions to health problems.

The M.P.H. program is committed to producing public health practitioners that possess the knowledge, skills, and values necessary to produce an effective public health workforce.

### M.P.H. Core Competencies

At the completion of the M.P.H. degree program all students will be able to:

#### Introductory Core Competencies:

- Define Public Health and articulate the elements in the public health approach to ensuring the health of our public;
- Explain the historical developments of the field;
- Explain the core public health functions;
- Explain how the core public health functions are operationalized at the global, national, state and local levels;
- Describe the Public Health infrastructure within the USA and beyond (global);
- Define the five core knowledge areas of public health: biostatistics, environmental health sciences, epidemiology, health policy and management, and social and behavioral sciences;
- Explain how state and local governmental public health agencies ensure availability of the ten essential services;
- Describe the history and current status of the interactions between medicine and public health;
- Explain the status of the public health workforce and efforts to expand and ensure the quality and diversity of this workforce;
- Articulate the current issues within the field.

#### Biostatistics Core Competencies:

- Describe the roles biostatistics serves in the discipline of public health, with particular emphasis on rural health;
- Describe basic concepts of probability, random variation and commonly used statistical probability distributions;
- Differentiate between biased and unbiased public health studies based on design and sampling specifications;
- Distinguish among the different measurement scales and the implications for selection of statistical methods to be used based on these distinctions;
- Apply descriptive and inferential methodologies according to the type of study design for answering a particular research question;
- Apply appropriate methodological alternatives to commonly used statistical methods when assumptions are not met;
- Demonstrate the use of numerical and graphical descriptive techniques commonly used to summarize public health and biomedical data;
- Apply common statistical methods such as conducting significance tests and calculating confidence intervals for inference;
- Apply basic informatics techniques with vital statistics and public health records in the description of public health characteristics and in public health research and evaluation;
- Demonstrate the use of a statistical software package to enter, clean, manage, and analyze public health and biomedical data;
- Interpret results of statistical analyses found in public health and biomedical studies, including those obtained from output using a statistical software package;

- Develop written and oral presentations that effectively communicate statistical results to both public health professionals and educated lay audiences;
- Create a collaborative environment for working on written and oral reports and developing critical thinking skills;
- Recognize appropriate situations for consulting a biostatistician for his/her assistance and expertise with the design and analysis of a study and interpretation of study results.

**Environmental Health Core Competencies:**

- Describe the discipline of environmental health and its relation to the other core areas of public health;
- Relate the direct and indirect effects of significant environmental and occupational agents pertaining to human and ecological effects both regional and global;
- Describe physiologic and psychosocial factors that can affect susceptibility and health outcomes as a result of exposure to environmental hazards including genetic predispositions;
- Describe the impact of federal and state regulatory statutes and guidelines along with the authorities that control environmental health issues;
- Specify approaches for assessing, preventing and controlling environmental hazards that pose risks to human health and safety;
- Explain the general mechanisms of toxicity along with the response to exposure and the methods of assessing, managing and communicating risk;
- Define environmental justice and identify environmental justice issues within both rural and urban communities;
- Demonstrate the capacity to respond to environmental justice concerns;
- Describe how biological, chemical and physical agents affect human health;
- Identify the ethical, social and legal issues implied by biological systems within public health;
- Demonstrate effective written and oral skills to communicate risk to practitioners, clients, policy-makers, interest groups and the media;
- Evaluate the strengths and limitations of environmental health source material in order to compile relevant and appropriate information when needed.

**Epidemiology Core Competencies:**

- Describe a public health problem in terms of magnitude, person, and time in rural and urban settings;
- Analyze data from epidemiologic investigations, studies, and surveillance, with special emphasis on the identification of health disparities and promotion of health equity;
- Apply principles of causation to make causal inference from epidemiologic data;
- Apply the principles and limitations of public health screening programs;
- Explain the importance of epidemiology for informing scientific, ethical, economic and political discussion of health issues;
- Apply basic ethical and legal principles pertaining to the collection, maintenance, use and dissemination of epidemiologic data;
- Explain the basic terminology and definitions of epidemiology;
- Identify the role of laboratory resources in epidemiologic activities;
- Explain how determinants of health affect public health practice;
- Communicate epidemiologic information to lay and professional audiences.
- Evaluate the strengths and limitations of epidemiologic research findings;
- Explain the different uses of basic study designs and selection of variables used in public health.

**Health Policy and Management Core Competencies:**

- Define the main components and issues of the organization, financing and delivery of public health systems in the US;
- Describe the legal, values and ethical dilemmas in public health that are inherent in efforts to control cost, while assuring access and quality of services for the public;
- Define the methods of ensuring community health safety and preparedness;
- Compare the policy development, assessment, and evaluation process for improving the health status of populations;
- Describe the principles of program development, management, budget preparation with justification and evaluation as related for public health initiatives;
- Define principles of strategic planning, quality improvement, and marketing in public health practice;
- Define quality, cost benefit and performance improvement concepts to address organizational performance issues in public health;
- Define how "systems thinking" can contribute to solving public health organizational problems;
- Demonstrate health policy and management effectiveness using appropriate channels and technologies;
- Compare leadership skills for building partnerships in public health;
- Define trends in planning, resources allocation, and financing and their effects on consumers, providers, and payers in public health;
- Compare the economic, professional, social and legislative influences on public health systems in the US;
- Define population and individual ethical considerations in relation to benefit, cost and burden of public health programs;
- Compare the potential impacts of policy and management on the conduct of public health research and practice.

**Social and Behavioral Sciences Core Competencies:**

- Explain philosophical foundations and assumptions of research applied to community health problems;
- Describe social and behavioral determinants of health equity at all ecological levels (individual through policy);
- Describe social and behavioral determinants of health equity in rural and urban settings locally, nationally, and globally;
- Explain health communication and advocacy skills;
- Describe theory-based social and behavioral interventions at multiple ecological levels;
- Compare qualitative, quantitative, and mixed methods to address community health issues through intervention, evaluation and research;



- Describe Community-Based Participatory Research (CBPR) principles and approaches when working on collaborative projects.
- Explain how ethical principles are applied to community-based research and practice;
- Describe the impact of power and privilege on health inequity at local, national, and global levels;
- Demonstrate skills to support cultural competence and cultural humility when working with diverse communities;
- Explain the process of planning, implementing, and evaluating evidence-based community public health interventions;
- Demonstrate the ability to conduct reviews of scientific literature related to public health issues.

### **The Curriculum**

The M.P.H. is an applied professional/graduate degree designed for highly motivated students who have a substantial interest in public health. Unique sequencing of courses, community-based program activities, and field/laboratory research provide students with multiple opportunities to develop the public health competencies.

The M.P.H. program requires a minimum of 45 credit hours and is offered on both a full-and part-time basis. The overall curriculum model includes:

- Public Health Core, 18 credit hours
- Concentration, 21 credit hours
- Electives, 0-3 credit hours
- Practicum in Public Health, 3 credit hours
- Public Health Capstone Research Project, 3 credit hours

The M.P.H. core course requirements provide a broad overview of the disciplines of public health and the basic principles of public health practice. Specialty coursework develops the skills and knowledge upon which to build or enhance a career in public health. Selective courses are available in each of the five core areas of concentration: Epidemiology, Environmental Health Sciences, Biostatistics, Health Services Administration, and Social and Behavioral Sciences/Community Health Education.

In addition, all students are required to take an introduction to public health. An important practical experience in a public health venue is a field practicum in a community, a public health facility, a government agency, or related setting. The culminating experience is a capstone research project that requires the student to present (both orally and in written format) a data-based project that integrates their specialization with public health practice.

### **Admission Requirements**

Admission into the graduate program is competitive and based upon academic background, performance on the Graduate Record Examination (GRE), professional experience, interest in the field, a history of service, a personal statement, and letters of recommendation. All applicants must apply through the Schools of Public Health Application Service (SOPHAS).

### **Degree Admission Requirements**

#### **Regular\***

- Completion of an application in SOPHAS.
- Completion of a Bachelor's degree from an accredited institution
- Minimum cumulative undergraduate GPA of 2.75/4.0 scale
- Official scores on the Graduate Record Examination
- TOEFL scores are required for international applicants
- A resume that includes the following: a) educational experiences, b) professional goals and objectives, c) work history, d) professional experiences, memberships and/or participation in professional organizations, e) experiences in public health programs
- Three letters of reference
- Statement of Purpose (500-1000 words) that conveys the applicant's reasons for pursuing graduate study in public health and how admission into the program relates to the applicant's professional aspirations

#### **Provisional**

Applicants may be admitted provisionally, based upon an evaluation of their application materials. Provisional admission is for applicants who do not satisfy requirements for regular admission, or those who require prerequisite coursework prior to entering a particular program of study.

### **Non-Degree Admission Requirements**

An applicant may be admitted to the COGS as a non-degree student to earn credit in Public Health graduate courses without working toward the M.P.H. Interested applicants should consult the Jack N. Averitt College of Graduate Studies for the types of Non-Degree admission as well as the requirements for admission in this category.

### **Advisement: M.P.H.**

Graduate students are advised by the Coordinator of Student Services and mentored by a faculty member from the Student's concentration areas.

**Grades.** M.P.H. level degree seeking students are required to maintain a cumulative GPA of at least 3.0 to remain in good academic standing and to be eligible to graduate. In the event the cumulative GPA falls below 3.0, the student will be placed on academic probation. Students

have 9 semester credits to elevate the cumulative GPA to at least 3.0 or will be excluded from the program. Students earning grades of "D" or below will be excluded from the program.

**Transfer Credits.** Students may request that up to, but no more than, 6 graduate credit hours be applied toward the 45 credits required for the M.P.H. Transfer credit must also satisfy the same requirements as courses taught for masters training within the Jiann-Ping Hsu College of Public Health (e.g., minimum grade of "B"), be consonant with the student's approved program of study, and have been received from a regionally accredited college or university. Thesis and dissertation credits cannot be transferred. The student must provide documentation in support of equivalence, such as a course syllabus, transcript, term paper, and/or instructor testimony. Equivalence is determined by the Division Director. Credit reductions do not influence the residency and enrollment requirements or comprehensive examination procedures.

**Course Time Limit.** All requirements for the M.P.H. must be completed within seven academic years from the date of the first enrollment for study following admission to the master's program. For transfer students, the seven-year time limit commences with the semester during which transfer credit was earned.

**Experiential Learning Opportunities**

All M.P.H. students are required to complete a public health practicum and complete a capstone research project. The practicum permits the student to receive practical experience in a selected public health-related setting. The practicum requires 300 hours of service. The Capstone Research Project requires the completion of an independent research project and an oral defense of the design, methods, analysis, and interpretation of the data.

## BIOSTATISTICS M.P.H., 45 HOURS

**Advising:** Jiann-Ping Hsu College of Public Health, P.O. Box 8015, Statesboro, GA 30460, Phone: (912) 478-2674, FAX:(912) 478-5811.  
<http://jphcoph.georgiasouthern.edu>

### Degree Admission Requirements

#### \*Regular

- Completion of an application in SOPHAS.
- Completion of a Bachelor's degree from an accredited institution.
- Minimum cumulative undergraduate grade point average (GPA) of 2.75 (4.0 scale).
- Official scores on the Graduate Record Examination (GRE).
- TOEFL scores are required for international applicants.
- A resume that includes the following: a) educational experiences, b) professional goals and objectives, c) work history, d) professional experiences, memberships and/or participation in professional organizations, and e) experiences in public health programs.
- Three letters of reference.
- Statement of purpose (500-1000 words) that conveys the applicant's reasons for pursuing graduate study in public health/biostatistics and how admission into the program relates to the applicant's professional aspirations.

#### Provisional

Applicants may be admitted on a provisional basis based upon the evaluation of their application materials. Provisional admission is for applicants who do not satisfy full admission requirements or applicants who require prerequisite coursework prior to entering into a particular program study. *NOTE: Prerequisite undergraduate course work may be required. Contact the Division Director in the Jiann-Ping Hsu College of Public Health for complete information.*

### Course Requirements:

<b>Public Health Core Courses</b> .....	<b>18 Hours</b>
BIOS 6541 - Biostatistics for Biostatistics & Epidemiology Majors (4) PUBH 5520G - Introduction to Public Health (2) PUBH 6532 - Environmental Health (3) PUBH 6533 - Epidemiology (3) PUBH 6534 - Health Policy and Management (3) PUBH 6535 - Social and Behavioral Sciences and Public Health (3)	
<b>Biostatistics Courses</b> .....	<b>21 Hours</b>
BIOS 6135 - Topics of Inference (3) BIOS 6331 - Regression Analysis in Biostatistics (3) BIOS 6332 - Experimental Design in Biostatistics (3) BIOS 6531 - Categorical Data Analysis (3) BIOS 7231 - Clinical Trials Methodology (3) BIOS 7534 - Data Management for Biostatistics (3) Select <u>one</u> of the following guided electives: BIOS 7090 - Selected Topics in Biostatistics (3) BIOS 7131 - Survival Analysis (3) BIOS 7331 - Multivariate Analysis in Biostatistics (3) BIOS 7431 - Statistical Issues in Drug Development (3) BIOS 7433 - Biopharmaceutical Statistics in Drug Development (3) BIOS 7535 - Data Analysis with SAS (3)	
<b>Practicum and Culminating Experience</b> .....	<b>6 Hours</b>
PUBH 7790 - Practicum in Public Health (3) PUBH 7991 - Public Health Capstone Research Project (3)	

### M.P.H. - Biostatistics Concentration Competencies

At the completion of the M.P.H. degree program all Biostatistics students will be able to:

- Construct a public health and biomedical research question from ideas, conditions, and events that exist in a rural and urban community, region, state, and nation using critical thinking skills.
- Identify objectives of a public health and biomedical research question.
- Express objectives in the appropriate biostatistical framework such as hypothesis testing, estimation, and prediction.
- Evaluate objectives of a public health research question to ensure the appropriate type of data is collected for analysis.
- Design an experiment or survey pertaining to a public health and biomedical research question in order to collect the data needed to meet objectives of public health research.
- Apply appropriate statistical tools and software in order to analyze data.
- Demonstrate use of Statistical Analysis System (SAS) to input, manage, merge, export, and conduct analysis on public health and biomedical data.
- Analyze data using appropriate categorical analysis techniques to obtain valid and reliable results.
- Analyze quantitative data using appropriate biostatistical methods such as simple and multiple regression and clinical trial methodology.

- Develop a protocol for conducting a clinical trial.
- Describe key concepts and theory underlying biostatistical methodology used in probability and inferential, analytical, and descriptive statistics.
- Interpret results of biostatistical analyses so that valid and reliable conclusions regarding a public health and biomedical research question may be drawn from the analyses.
- Develop written and oral reports to communicate effectively to research investigators pivotal aspects of a study, including its design, objectives, data, analysis methods, results, and conclusions.
- Create a collaborative environment for working on written and oral reports and developing critical thinking skills.

## COMMUNITY HEALTH M.P.H., 45 HOURS

**Advising:** Jiann-Ping Hsu College of Public Health, P.O. Box 8015, Statesboro, GA 30460, Phone: (912) 478-2674, FAX: (912) 478-5811.  
<http://jphcoph.georgiasouthern.edu>

### Degree Admission Requirements

#### \*Regular

- Completion of an application in SOPHAS.
- Completion of a Bachelor's degree from an accredited institution.
- Minimum cumulative undergraduate grade point average (GPA) of 2.75 (4.0 scale).
- Official scores on the Graduate Record Examination (GRE).
- TOEFL scores are required for international applicants.
- A resume that includes the following: a) educational experiences, b) professional goals and objectives, c) work history, d) professional experiences, memberships and/or participation in professional organizations, and e) experiences in public health programs.
- Three letters of reference.
- Statement of purpose (500-1000 words) that conveys the applicant's reasons for pursuing graduate study in public health/community health and how admission into the program relates to the applicant's professional aspirations.

#### Provisional

Applicants may be admitted on a provisional basis based upon the evaluation of their application materials. Provisional admission is for applicants who do not satisfy full admission requirements or applicants who require prerequisite coursework prior to entering into a particular program study. *NOTE: Prerequisite undergraduate course work may be required. Contact the Division Director in the Jiann-Ping Hsu College of Public Health for complete information.*

### Course Requirements:

<b>Public Health Core Courses</b> .....	<b>18 Hours</b>
PUBH 5520G - Introduction to Public Health (2)	
PUBH 6532 - Environmental Health (3)	
PUBH 6533 - Epidemiology (3)	
PUBH 6534 - Health Policy and Management (3)	
PUBH 6535 - Social and Behavioral Sciences and Public Health (3)	
PUBH 6541 - Biostatistics (4)	
<b>Community Health Courses</b> .....	<b>21 Hours</b>
COHE 6130 - Research Methods in Health Science (3)	
COHE 7232 - Health Promotion Planning (3)	
COHE 7234 - Community Health Analysis (3)	
COHE 7233 - Ecologically Focused Program Evaluation (3)	
COHE 7237 - Rural Community Health Issues (3)	
COHE 7238 - Communication for Change (3)	
Guided Electives (3)	
<b>Practicum and Culminating Experience</b> .....	<b>6 Hours</b>
PUBH 7790 - Practicum in Public Health (3)	
PUBH 7991 - Public Health Capstone Research Project (3)	

### M.P.H. - Community Health Concentration Competencies

At the completion of the M.P.H. degree program all Community Health students will be able to:

- Synthesize theories, concepts, and models from social and behavioral science disciplines (e.g. anthropology, sociology, psychology, health education) that are used in public health research and practice.
- Assess philosophical foundations and assumptions of research applied to community health problems.
- Analyze social and behavioral determinants of health equity at all ecological levels (individual through policy) applied in rural and urban settings.
- Explain the use of a variety of health communication approaches including social marketing, media advocacy, and new communication technologies.
- Synthesize legislative advocacy skills that influence health policy.
- Demonstrate how to plan, implement, and evaluate evidence-based community public health interventions.
- Compare qualitative and quantitative methods and their use in community health intervention, evaluation, and research.
- Describe the benefits and challenges of a mixed methods approach.
- Utilize qualitative, quantitative, and mixed methods to address community health problems.
- Explain Community-Based Participatory Research (CBPR) principles and approaches for working with diverse communities.
- Explain ethical principles critical to community-based research and practice.
- Assess the impact of power and privilege on health inequity at local, national, and global levels
- Assess current and future community-level needs for keeping the public healthy.
- Select evidence-based social and behavioral interventions to address community health issues.
- Develop collaborative and transdisciplinary relationships to respond to public health problems.

- Describe skills needed to function successfully as a community and organizational change agent.
- Develop logic model and mission, goal and objective (outcome) driven program development and program evaluation plans.
- Promote the public health and health education professions individually and collectively.

## ENVIRONMENTAL HEALTH SCIENCES M.P.H., 45 HOURS

**Advising:** Jiann-Ping Hsu College of Public Health, P.O. Box 8015, Statesboro, GA 30460, Phone: (912) 478-2674, FAX:(912) 478-5811.  
<http://jphcoph.georgiasouthern.edu>

### Degree Admission Requirements

#### \*Regular

- Completion of an application in SOPHAS.
- Completion of a Bachelor's degree from an accredited institution.
- Minimum cumulative undergraduate grade point average (GPA) of 2.75 (4.0 scale).
- Official scores on the Graduate Record Examination (GRE).
- TOEFL scores are required for international applicants.
- A resume that includes the following: a) educational experiences, b) professional goals and objectives, c) work history, d) professional experiences, memberships and/or participation in professional organizations, and e) experiences in public health programs.
- Three letters of reference.
- Statement of purpose (500-1000 words) that conveys the applicant's reasons for pursuing graduate study in public health/environmental health sciences and how admission into the program relates to the applicant's professional aspirations.

#### Provisional

Applicants may be admitted on a provisional basis based upon the evaluation of their application materials. Provisional admission is for applicants who do not satisfy full admission requirements or applicants who require prerequisite coursework prior to entering into a particular program study. *NOTE: Prerequisite undergraduate course work may be required. Contact the Division Director in the Jiann-Ping Hsu College of Public Health for complete information.*

### Course Requirements:

<b>Public Health Core Courses</b> .....	<b>18 Hours</b>
PUBH 5520G - Introduction to Public Health (2)	
PUBH 6532 - Environmental Health (3)	
PUBH 6533 - Epidemiology (3)	
PUBH 6534 - Health Policy and Management (3)	
PUBH 6535 - Social and Behavioral Sciences and Public Health (3)	
PUBH 6541 - Biostatistics (4)	
<b>Environmental Health Sciences Courses</b> .....	<b>21 Hours</b>
ENVH 7231 - Air Quality (3)	
ENVH 7232 - Water Quality (3)	
ENVH 7233 - Environmental Exposure and Impact Analysis (3)	
ENVH 7234 - Environmental Toxicology (3)	
ENVH 7235 - Field Methods in Environmental Health (3)	
ENVH 7237 - Risk Assessment and Communication (3)	
ENVH 7238 - Environment, Ethics and Equity (3) <b>OR</b> Guided Elective (3)	
<b>Practicum and Culminating Experience</b> .....	<b>6 Hours</b>
PUBH 7790 - Practicum in Public Health (3)	
PUBH 7991 - Public Health Capstone Research Project (3)	

### M.P.H. - Environmental Health Sciences Concentration Competencies

At the completion of the M.P.H. degree program all Environmental Health Sciences students will be able to:

- Analyze statistical environmental data using appropriate methods and present the results in a meaningful way to different types of audiences.
- Assess environmental justice issues in both rural and urban communities along with government and community organizations that are resources on environmental health issues.
- Apply principles and tools of environmental risk assessment in completing a comprehensive quantitative risk assessment of potentially hazardous environmental and workplace settings.
- Apply principles and tools of environmental risk assessment in completing a comprehensive qualitative risk assessment, including onsite evaluations, of potentially hazardous environmental and workplace settings.
- Analyze the effectiveness of principles and tools of environmental hazard prevention and control program development.
- Apply principles and tools of effective risk communication in addressing environmental hazards.
- Differentiate federal, state and local regulatory programs, guidelines, and authorities that control environmental health issues and the applicability of each.
- Define the interrelationships between environmental health with economic, political, and social factors in the development of environmental policy.
- Analyze the susceptibility of differing populations to environmental exposures with emphasis on physiologic and psychosocial factors including genetic predispositions.
- Analyze toxicological data to determine exposure potential and health effects related to exposure to prevalent environmental toxins.

- Analyze the interactions of biological, chemical and physical agents within the environment and their impacts on human health including the impacts of biogeochemical cycles.
- Investigate environmental conditions that may affect a community's health status, and provide technical assistance and leadership to address the concerns of communities.
- Design project specific sampling plans to delineate health related environmental hazards.
- Analyze the effectiveness or performance of international, national and state procedures, interventions, treaties, programs, and regulatory guidelines pertaining to environmental issues.
- Identify the cultural, social, economic and behavioral factors that affect health problems influenced by environmental hazard exposure.
- Describe the integration of environmental health into land use planning and design that would ensure communities have healthy environments and encourage healthy behaviors.



## EPIDEMIOLOGY M.P.H., 45 HOURS

**Advising:** Jiann-Ping Hsu College of Public Health, P.O. Box 8015, Statesboro, GA 30460, Phone: (912) 478-2674, FAX:(912) 478-5811.  
<http://jphcoph.georgiasouthern.edu>

### Degree Admission Requirements

#### \*Regular

- Completion of an application in SOPHAS.
- Completion of a Bachelor's degree from an accredited institution.
- Minimum cumulative undergraduate grade point average (GPA) of 2.75 (4.0 scale).
- Official scores on the Graduate Record Examination (GRE).
- TOEFL scores are required for international applicants.
- A resume that includes the following: a) educational experiences, b) professional goals and objectives, c) work history, d) professional experiences, memberships and/or participation in professional organizations, and e) experiences in public health programs.
- Three letters of reference.
- Statement of purpose (500-1000 words) that conveys the applicant's reasons for pursuing graduate study in in public health/epidemiology and how admission into the program relates to the applicant's professional aspirations.

#### Provisional

Applicants may be admitted on a provisional basis based upon the evaluation of their application materials. Provisional admission is for applicants who do not satisfy full admission requirements or applicants who require prerequisite coursework prior to entering into a particular program study. *NOTE: Prerequisite undergraduate course work may be required. Contact the Division Director in the Jiann-Ping Hsu College of Public Health for complete information.*

### Course Requirements:

<b>Public Health Core Courses</b> .....	<b>18 Hours</b>
BIOS 6541 - Biostatistics for Biostatistics & Epidemiology Majors (4)	
PUBH 5520G - Introduction to Public Health (2)	
PUBH 6532 - Environmental Health (3)	
PUBH 6533 - Epidemiology (3)	
PUBH 6534 - Health Policy and Management (3)	
PUBH 6535 - Social and Behavioral Sciences and Public Health (3)	
<b>Epidemiology Courses</b> .....	<b>21 Hours</b>
EPID 7131 - Epidemiology of Chronic Disease (3)	
EPID 7133 - Epidemiologic Research Methods I (3)	
EPID 7134 - Epidemiologic Research Methods II (3)	
EPID 7135 - Epidemiology of Infectious Disease (3)	
EPID 7230 - Social Epidemiology and Health Equity (3)	
EPID 7233 - Principles of Public Health Surveillance (3)	
Guided Electives (3)	
<b>Practicum and Culminating Experience</b> .....	<b>6 Hours</b>
PUBH 7790 - Practicum in Public Health (3)	
PUBH 7991 - Public Health Capstone Research Project (3)	

### M.P.H. - Epidemiology Concentration Competencies

Upon completion of the M.P.H. Epidemiology Program students will be able to:

- Analyze a public health problem in terms of magnitude, person, and time in rural and urban settings.
- Describe populations by the following: race, ethnicity, culture, societal/educational/professional backgrounds, age, gender, religion, disability, and sexual orientation.
- Design surveillance for a public health issue.
- Identify surveillance data needs.
- Implement new or revise existing surveillance systems.
- Explain key findings from a surveillance system.
- Design surveillance systems to include groups subject to health disparities or other potentially underrepresented groups.
- Apply current knowledge of disease etiology for use in guiding the practice of epidemiology.
- Explain the importance of epidemiology for informing scientific, ethical, economic and political discussion of health issues.
- Apply principles of good ethical and legal practices as they relate to study design and the collection, maintenance, use and dissemination of epidemiologic data.
- Demonstrate management of data from surveillance, investigations, or other sources.
- Analyze data from epidemiologic investigations, studies, and surveillance.
- Demonstrate use of standard population categories or subcategories when performing data analysis with special emphasis on the identification of health disparities and promotion of health equity.
- Summarize results of analysis of epidemiologic data.

- Draw conclusions based on the results of analysis of epidemiologic data, including making causal inference on the basis of the principles of causation.
- Apply the basic terminology and definitions of epidemiology for the investigation of acute and chronic health conditions or other adverse outcomes in a population.
- Explain the use of laboratory resources to support epidemiologic activities.
- Explain how determinants of health affect public health practice.
- Produce written and oral reports and presentations that communicate necessary information to professional audiences, policy makers and the general public.
- Evaluate the strengths and limitations of epidemiologic research findings.
- Explain the different uses of basic study designs and selection of variables used in public health.
- Apply principles of informatics, including data collection, processing, and analysis, in support of public health practice.
- Demonstrate use of specific sociocultural factors in a population or community for the interpretation of epidemiologic findings.
- Design epidemiologic investigations using languages and approaches tailored to the targeted population or community.
- Demonstrate the basic principles of risk communication.
- Recommend evidence-based interventions and control measures in response to epidemiologic findings.
- Evaluate public health programs at the regional, state, local, or tribal level.
- Prepare proposals, in whole or in part, to obtain funding for epidemiologic activities.

## HEALTH POLICY AND MANAGEMENT M.P.H., 45 HOURS

**Advising:** Jiann-Ping Hsu College of Public Health, PO Box 8015, Statesboro, GA 30460 Phone: (912) 478-2674, FAX:(912) 478-5811.  
<http://jphcoph.georgiasouthern.edu>

### Degree Admission Requirements

#### \*Regular

- Completion of an application in SOPHAS.
- Completion of a Bachelor's degree from an accredited institution.
- Minimum cumulative undergraduate grade point average (GPA) of 2.75 (4.0 scale).
- Official scores on the Graduate Record Examination (GRE).
- TOEFL scores are required for international applicants.
- A resume that includes the following: a) educational experiences, b) professional goals and objectives, c) work history, d) professional experiences, memberships and/or participation in professional organizations, and e) experiences in public health programs.
- Three letters of reference.
- Statement of purpose (500-1000 words) that conveys the applicant's reasons for pursuing graduate study in public health/health policy and management and how admission into the program relates to the applicant's professional aspirations.

#### Provisional

Applicants may be admitted on a provisional basis based upon the evaluation of their application materials. Provisional admission is for applicants who do not satisfy full admission requirements or applicants who require prerequisite coursework prior to entering into a particular program study. *NOTE: Prerequisite undergraduate course work may be required. Contact the Division Director in the Jiann-Ping Hsu College of Public Health for complete information.*

### Course Requirements:

<b>Public Health Core Courses</b> .....	<b>18 Hours</b>
PUBH 5520G - Introduction to Public Health (2)	
PUBH 6532 - Environmental Health (3)	
PUBH 6533 - Epidemiology (3)	
PUBH 6534 - Health Policy and Management (3)	
PUBH 6535 - Social and Behavioral Sciences and Public Health (3)	
PUBH 6541 - Biostatistics (4)	
<b>Health Policy and Management Courses</b> .....	<b>21 Hours</b>
HSPM 7133 - Public Health Policy and Ethics (3)	
HSPM 7135 - Public Health Policy Development and Evaluation (3)	
HSPM 7230 - Health Leadership and Strategic Planning (3)	
HSPM 7232 - Public Health Finance (3)	
HSPM 7235 - Health Law (3)	
HSPM 7236 - Health Informatics (3)	
Guided Electives (3)	
<b>Practicum and Culminating Experience</b> .....	<b>6 Hours</b>
PUBH 7790 - Practicum in Public Health (3)	
PUBH 7991 - Public Health Capstone Research Project (3)	

### M.P.H. - Health Policy and Management Concentration Competencies

Upon completion of the M.P.H. Health Policy and Management Program students will be able to:

- Analyze the main components and issues of the organization, financing and delivery of public health systems in the US.
- Analyze the legal, values and ethical dilemmas in Public health that are inherent in efforts to control cost, while assuring access and quality of services for the public.
- Analyze the methods for ensuring community health safety and preparedness.
- Apply the policy development, assessment, and evaluation process for improving the health status of populations.
- Analyze the principles of program development and evaluation as it relates to public health initiatives.
- Analyze budget preparation with justification and evaluation as related to public health initiatives.
- Analyze the process for strategic planning, quality improvement and marketing in public health practice.
- Compare quality, cost benefit and performance improvement concepts to address organizational performance issues in public health.
- Apply "systems thinking" to solving public health organizational problems.
- Analyze health policy and management effectiveness using appropriate channels and technologies.
- Demonstrate leadership skills for building partnerships in public health.
- Compare the trends in resources allocation, and financing and evaluate their effects on consumers, providers, and payers in public health.
- Analyze the economic, social and legislative changes impact on public health systems in the US.
- Compare population and individual ethical considerations in relation to benefit, cost and burden of public health programs.
- Analyze the potential impacts of policy and management on the conduct of public health research and practice.
- Apply information from various sources to resource and program decision making.
- Apply the principles of health equity to public health Leadership.

- Analyze impacts of rural versus urban settings on the health of communities.
- Apply qualitative and quantitative research methods for public health problem solving.

## Master of Healthcare Administration

### Purpose

The purpose of the Master of Healthcare Administration (M.H.A.) degree is to develop leaders who possess the values, knowledge, and skills to manage optimal delivery of healthcare.

### M.H.A. Competencies

In addition to the M.P.H. core competencies, all students will be able to:

- Analyze the structuring, marketing, positions, and governing health organization in order to achieve optimum performance.
- Evaluate the financial management of health organizations and implication.
- Compare the leadership, interpersonal relations, conflict and change management, and written and oral communications skills needed by health organizations.
- Analyze managing human resources and health professionals in diverse organizational environments (e.g., hospitals, clinics, home health agencies, insurers, pharmaceutical firms).
- Analyze managing information including the collection, the statistical and non-statistical analysis, and summarizing management and health data for decision-making.
- Evaluate economic analysis to support decision-making.
- Apply legal and ethical analysis to business and clinical decision-making.
- Analyze government health policy formulation, implementation, and evaluation.
- Compare assessment and understanding of the health status of populations, determinants of health and illness, and health risks and behaviors in diverse populations.
- Evaluate the management of change in health care organizations in diverse communities drawing broadly on the social and behavioral sciences.
- Compare quality assessment of both business practices and health care delivery focusing on outcomes measurements, process/outcome relationships, and methods for process improvement.

### The Curriculum

All Georgia Southern University Jiann-Ping Hsu College of Public Health students who select to study the M.H.A. degree program will complete a minimum of 45 credits in this discipline. Students pursuing this degree will take Public Health Core Courses (18 hours), Healthcare Administration Courses (15 hours), Health Policy and Management Courses (6 hours), and Guided Electives (3 hours). In addition, students will participate in a Public Health Practicum (3 hours) where they will apply, in practical fashion, the skills learned throughout their education. Upon completion of the M.H.A., the student will be trained to function effectively as administrators of healthcare services.

### Admission Requirements

Admission into the graduate programs within the Jiann-Ping Hsu College of Public Health is competitive and based upon academic background, performance on the Graduate Record Examination (GRE), professional experience, interest in the field, a history of service, a personal statement, and letters of recommendation. All applicants must apply through the Schools of Public Health Application Service (SOPHAS).

### Degree Admission Requirements

#### Regular \*

- Completion of an application in SOPHAS.
- Completion of a Bachelor's degree from an accredited institution.
- Minimum cumulative undergraduate GPA of 2.75/4.0 scale.
- Official scores on the Graduate Record Examination or the Graduate Management Admission Test (GMAT).
- TOEFL scores are required for international applicants.
- A resume that includes the following: a) educational experiences, b) professional goals and objectives, c) work history, d) professional experiences, memberships and/or participation in professional organizations, e) experiences in public health programs.
- Three letters of reference.
- Statement of Purpose (500-1000 words) that conveys the applicant's reasons for pursuing graduate study in healthcare administration and how admission into the program relates to the applicant's professional aspirations.

#### Provisional

Applicants may be admitted provisionally, based upon an evaluation of their application materials. Provisional admission is for applicants who do not satisfy requirements for regular admission, or those who require prerequisite coursework prior to entering a particular program of study.

### Non-Degree Admission Requirements

An applicant may be admitted to the COGS as a non-degree student to earn credit in Public Health graduate courses without working toward the M.H.A. Interested applicants should consult the Jack N. Averitt College of Graduate Studies for the types of Non-Degree admission as well as the requirements for admission in this category.

### Advisement: M.H.A.

Graduate students are advised by the Coordinator of Student Services and mentored by a faculty member from the Student's concentration areas.

**Grades.** M.H.A. level degree seeking students are required to maintain a cumulative GPA of at least 3.0 to remain in good academic standing and to be eligible to graduate. In the event the cumulative GPA falls below 3.0, the student will be placed on academic probation. Students have 9 semester credits to elevate the cumulative GPA to at least 3.0 or will be excluded from the program. Students earning grades of "D" or below will be excluded from the program.

**Transfer Credits.** Students may request that up to, but no more than, 6 graduate credit hours be applied toward the 45 credits required for the M.H.A. . Transfer credit must also satisfy the same requirements as courses taught for masters training within the Jiann-Ping Hsu College of Public Health (e.g., minimum grade of "B"), be consonant with the student's approved program of study, and have been received from a regionally accredited college or university. Thesis and dissertation credits cannot be transferred. The student must provide documentation in support of equivalence, such as a course syllabus, transcript, term paper, and/or instructor testimony. Equivalence is determined by the M.H.A. Program Director. Credit reductions do not influence the residency and enrollment requirements or comprehensive examination procedures.

**Course Time Limit.** All requirements for the M.H.A. must be completed within seven academic years from the date of the first enrollment for study following admission to the master's program. For transfer students, the seven-year time limit commences with the semester during which transfer credit was earned.

**Experiential Learning Opportunities**

All M.H.A. students are required to complete a public health practicum. The practicum permits the student to receive practical experience in a selected public health-related setting. The practicum requires 300 hours of service. As a requirement of the practicum, each student completes an electronic portfolio. This portfolio documents all activities of the practicum and demonstrates how the student progressed in the experience. The student orally "presents" this portfolio to the faculty as a final requirement for graduation.

## HEALTHCARE ADMINISTRATION M.H.A., 45 HOURS

**Advising:** Jiann-Ping Hsu College of Public Health, P.O. Box 8015, Statesboro, GA 30460, Phone: (912) 478-2674, FAX:(912) 478-5811.  
<http://jphcoph.georgiasouthern.edu>

### Degree Admission Requirements

#### \*Regular

- Completion of an application in SOPHAS.
- Completion of a Bachelor’s degree from an accredited institution.
- Minimum cumulative undergraduate grade point average (GPA) of 2.75 (4.0 scale).
- Official scores on the Graduate Record Examination (GRE).
- TOEFL scores are required for international applicants.
- A resume that includes the following: a) educational experiences, b) professional goals and objectives, c) work history, d) professional experiences, memberships and/or participation in professional organizations, and e) experiences in public health programs.
- Three letters of reference.
- Statement of purpose (500-1000 words) that conveys the applicants reasons for pursuing graduate study in healthcare administration and how admission into the program relates to the applicant’s professional aspirations.

#### Provisional

Applicants may be admitted on a provisional basis based upon the evaluation of their application materials. Provisional admission is for applicants who do not satisfy full admission requirements or applicants who require prerequisite coursework prior to entering into a particular program study. *NOTE: Prerequisite undergraduate course work may be required. Contact the MHA Program Director in the Jiann-Ping Hsu College of Public Health for complete information.*

### Course Requirements:

<b>Healthcare Administration Courses</b> .....	<b>15 Hours</b>
HSPM 6030 - Healthcare Economics and Policy (3)	
HSPM 6136 - Health Services Management, Human Resources and Governance (3)	
HSPM 7030 - Healthcare Marketing and Strategic Planning (3)	
HSPM 7131 - Health Organization Theory, Behavior and Management (3)	
HSPM 7137 - Health Care Finance and Payment Systems (3)	
<b>Health Policy and Management Courses</b> .....	<b>6 Hours</b>
HSPM 7235 - Health Law (3)	
HSPM 7236 - Health Informatics (3)	
<b>Public Health Core Courses</b> .....	<b>18 Hours</b>
PUBH 5520G - Introduction to Public Health (2)	
PUBH 6532 - Environmental Health (3)	
PUBH 6533 - Epidemiology (3)	
PUBH 6534 - Health Policy and Management (3)	
PUBH 6535 - Social and Behavioral Sciences and Public Health (3)	
PUBH 6541 - Biostatistics (4)	
<b>Guided Electives</b> .....	<b>3 Hours</b>
Students will be guided to take one 3 credit hour elective. Courses available to meet this requirement will be all concentration courses within the College that do not require additional prerequisites.	
<b>Practicum</b> .....	<b>3 Hours</b>
PUBH 7790 - Practicum in Public Health (3)	

### M.H.A. - Healthcare Administration Competencies

- Analyze the structuring, marketing, positions, and governing health organization in order to achieve optimum performance.
- Evaluate the financial management of health organizations and implication.
- Compare the leadership, interpersonal relations, conflict and change management, and written and oral communications skills needed by health organizations.
- Analyze managing human resources and health professionals in diverse organizational environments (e.g., hospitals, clinics, home health agencies, insurers, pharmaceutical firms).
- Analyze managing information including the collection, the statistical and non-statistical analysis, and summarizing of management and health data for decision-making.
- Evaluate economic analysis to support decision-making.
- Apply legal and ethical analysis to business and clinical decision-making.
- Analyze government health policy formulation, implementation, and evaluation.
- Compare assessment and understanding of the health status of populations, determinants of health and illness, and health risks and behaviors in diverse populations.
- Evaluate the management of change in health care organizations in diverse communities drawing broadly on the social and behavioral sciences.

- Compare quality assessment of both business practices and health care delivery, focusing on outcomes measurements, process/outcome relationships, and methods for process improvement.



## **HEALTH SERVICES ADMINISTRATION CONCENTRATION 12 HOURS**

**Advising:** Jiann-Ping Hsu College of Public Health, P.O. Box 8015, Statesboro, GA 30460, Phone: (912) 478-2674, FAX:(912) 478-5811.  
<http://jphcoph.georgiasouthern.edu>

This concentration is designed to develop the knowledge and skills needed to assume entry level management positions in the health care industry. While this program is designed for MBA students, interested graduate students from other areas can elect to take this concentration.

**Course Requirements:**

- HSPM 7131 - Health Organization Theory, Behavior and Management (3)
- HSPM 7133 - Health Policy, Issues, and Ethics (3)
- HSPM 7137 - Health Care Finance and Payment Systems (3)
- PUBH 6534 - Health Policy and Management (3)

## Doctor of Public Health

The Doctor of Public Health (Dr.P.H.) program at Georgia Southern University is committed to producing public health practitioners who possess the knowledge, skills, and values necessary to contribute to an effective public health workforce. The Dr.P.H. prepares professionals for broad-based practice in public health, through the integration of advanced courses in public health sciences (biostatistics, environmental health, epidemiology, health services administration, and social and behavioral sciences), a community-based practice core and advanced courses in three concentration areas: Biostatistics, Public Health Leadership, Community Health Behavior and Education. The program serves both the full-time student preparing for a career in public health, as well as currently employed public health professionals seeking an advanced education to augment their existing skills and backgrounds. Concentrations in Epidemiology and Environmental Health Sciences will be added as the Jiann-Ping Hsu College of Public Health achieves accreditation by the Council of Education for Public Health – CEPH.

The Dr.P.H. degree is the terminal professional degree conferred in recognition of an individual's command of a comprehensive body of knowledge in the field of public health and related disciplines, and of the proven ability to initiate, organize, and pursue the investigation of significant problems in public health practice.

Those who earn this degree are expected to occupy leadership positions in public health and related areas. Additionally, individuals earning this degree will be positioned to exert significant influence on the development of policies and programs aimed at improving the health of populations in the region. It is anticipated that such positions will represent considerable diversity with respect to international, national, state or local levels; and in the public or private sector. In addition, those who earn the Dr.P.H. degree may also seek teaching and research positions at colleges and universities.

### Purpose

The Dr.P.H. is the terminal professional degree for those who intend to pursue or advance their professional practice career in public health. The proposed Dr.P.H. program aims to train students for advanced science-based practice and practice-oriented research. Public health practice involves the strategic, organized and interdisciplinary application of knowledge, skills and competencies necessary to perform essential public health services necessary to improve the population's health.

The Dr.P.H. is conferred in recognition of the candidate's command of a comprehensive body of knowledge in public health, their ability to initiate, organize and pursue the investigation of significant problems in public health, and their capacity to formulate policies, strategies, and/or programs on the basis of the knowledge generated. The Dr.P.H. leads to a career in administration, teaching, or public health practice, where advanced analytical and conceptual capabilities are required.

The Dr.P.H. program expands the competencies included in the Jiann-Ping Hsu College of Public Health Master of Public Health (M.P.H.) program for all matriculating students, with increased emphasis on advanced skills in evidenced-based problem-solving. Students who have not completed one or more of the M.P.H. core public health courses must complete these courses as part of their doctoral program. In addition, those students are required to complete a minimum of 60 credit hours for the doctoral degree. Students with a master's degree other than in public health may be required to take health or health-related courses in addition to the 60 minimum credit hours.

The Dr.P.H. program offers students the opportunity to specialize their training in three program concentration areas (Specific concentration competencies for each area are provided in the following sections.):

- Biostatistics
- Community Health Behavior and Education
- Public Health Leadership (Partially Online)

### Dr.P.H. Core Competencies

At the completion of the Dr.P.H. program all students will be able to:

#### Biostatistics Core Competencies:

- Construct a public health and biomedical research question for which a survey or an experiment is to address.
- Demonstrate skills for translating public health practice objectives to the appropriate biostatistical framework for analysis.
- Defend reasons for selecting various biostatistical methods of analysis of survey and experimental data from readings and case studies.
- Summarize data to present effective tabular and graphical displays of data obtained from large health surveys, vital statistics, and other public health and biomedical data sources.
- Interpret effectively descriptive data from public health and biomedical studies.
- Interpret inferential methods such as confidence intervals and significance tests results for answering public health research questions.
- Explain commonly used aspects of sampling methodology including simple random, stratified, and cluster sampling as well as telephone and internet sampling.
- Define strategies for design-based and model-based analysis of sample survey data.
- Design a questionnaire for measuring objectives of a public health and biomedical research question.
- Explain commonly used methods for handling non-response and missing data found in public health and biomedical surveys.
- Illustrate sufficient substantive knowledge of advanced biostatistical methods such as multiple regression, logistic regression, survival analysis, factor analysis, and repeated measures in order to interact with a biostatistician in a meaningful way.
- Prepare written and oral presentations of individual and collaborative public health practice-based projects using biostatistical methods of analysis.

- Interrelate effectively among biostatisticians and professionals in other areas of public health in order to plan, conduct, interpret, and communicate biostatistical analyses in a meaningful way.

**Epidemiology Core Competencies:**

- Evaluate the existence of public health problems in rural and urban settings, both locally and internationally.
- Analyze data from epidemiologic investigations, studies, and surveillance, with special emphasis on the identification of health disparities and promotion of health equity.
- Evaluate causal inferences from epidemiologic data.
- Evaluate the validity and reliability of public health screening programs.
- Evaluate the importance of epidemiology for informing scientific, ethical, economic and political discussion of health issues.
- Synthesize principles of good ethical and legal practice pertaining to the collection, maintenance, use and dissemination of data.
- Apply current knowledge of disease etiology for use in guiding public health practice.
- Evaluate the effects of determinants of health on public health practice.
- Design investigations of acute and chronic health conditions or other adverse outcomes using languages and approaches tailored to the targeted population or community.
- Evaluate public health programs at the global, national, regional, state, local, or tribal level.
- Recommend use of laboratory resources to support epidemiologic activities.
- Apply principles of informatics, including data collection, processing, and analysis, in support of public health practice.
- Communicate epidemiologic information to lay and professional audiences.
- Evaluate the strengths and limitations of epidemiologic research findings.
- Recommend evidence-based interventions and control measures in response to epidemiologic findings.

**Environmental Health Core Competencies:**

- Describe the disciplines of environmental and occupational health and their relation to the other core areas of public health.
- Describe the direct and indirect effects of significant environmental and occupational agents pertaining to human and ecological effects both regionally and globally.
- Correlate the physiologic and psychosocial factors with susceptibility and health outcomes as a result of exposure to environmental hazards including genetic predispositions.
- Discuss the historical perspectives and legislative frameworks, guidelines and authorities for federal, state and local regulations that control environmental and occupational health issues and the applicability of each.
- Apply approaches for assessing, preventing and controlling environmental hazards that pose risks to human health and safety.
- Differentiate the mechanisms of toxicity along with the response to exposure and the methods of assessing, managing and communicating risk.
- Identify the presence of environmental justice issues within both rural and urban communities.
- Outline approaches for response to environmental justice concerns.
- Compare and contrast biological, chemical and physical agents and their affects on human health.
- Communicate the ethical, social and legal issues implied by biological systems within public health.
- Demonstrate effective written and oral skills to communicate risk to practitioners, clients, policy-makers, interest groups and the media.
- Evaluate the strengths and limitations of environmental health source material in order to compile relevant and appropriate information when needed.
- Describe the cultural, social, economic and behavioral factors that affect health problems influenced by environmental hazard exposure.

**Health Policy and Management Core Competencies:**

- Describe the main components and issues of the organization, financing and delivery of public health systems in the US.
- Apply the legal, values and ethical dilemmas in public health that are inherent in efforts to control cost, while assuring access and quality of services for the public.
- Apply the methods of ensuring community health safety and preparedness.
- Apply the policy development, assessment, and evaluation process for improving the health status of populations.
- Apply the principles of program development, management, budget preparation with justification and evaluation as related to public health initiatives.
- Analyze principles of strategic planning, quality improvement, and marketing in public health practice.
- Compare quality, cost benefit and performance improvement concepts to address organizational performance issues in public health.
- Explain how "systems thinking" can contribute to the solving public health organizational problems.
- Demonstrate health policy and management effectiveness using appropriate channels and technologies.
- Demonstrate leadership skills for building partnerships in public health.
- Compare trends in planning, resources allocation, and financing and their effects on consumers, providers, and payers in public health.
- Analyze the economic, professional, social and legislative influences on public health systems in the US.
- Compare population and individual ethical considerations in relation to benefit, cost and burden of public health programs.
- Demonstrate the application and role of policy and management on the conduct of public health research and practice.
- Assess the ability to manage programs within budget constraints.
- Develop grants, proposals or cooperative agreements for funding from external sources.
- Compare prevention effectiveness models to prevention strategies through cost-effectiveness, cost-benefit, and cost-utility analysis.
- Apply ethical decision-making and conduct in all aspects of public health practice.
- Advocate for programs and resources that advance the health of the population.

- Define a plan to implement a policy or program, including goals, outcomes and process objectives, staffing plan, budget and implementation steps.

#### **Social and Behavioral Sciences Core Competencies:**

- Synthesize theories, concepts, and models from social and behavioral science disciplines (e. g. anthropology, sociology, psychology, health education) that are used in public health research and practice.
- Assess philosophical foundations and assumptions of research applied to community health problems.
- Analyze social and behavioral determinants of health equity at all ecological levels (individual through policy).
- Analyze social and behavioral determinants of health equity in rural and urban settings locally, nationally, and globally.
- Synthesize health communication approaches including social marketing, media advocacy, and new communication technology.
- Explain the concept of Public Health Preparedness.
- Compare U. S. Public Health and Global Public Health priorities and concerns.
- Apply legislative advocacy skills that influence health policy.
- Describe theory-based social and behavioral interventions at multiple ecological levels.
- Discuss Community-Based Participatory Research (CBPR) principles and approaches when working on collaborative projects.
- Discuss qualitative, quantitative, and mixed methods and their use in evidence-based community health intervention, evaluation, and research.
- Utilize qualitative, quantitative, and mixed methods to address community health problems.
- Describe ethical principles critical to community-based research and practice.
- Assess the impact of power and privilege on health inequity at local, national, and global levels.
- Explain cultural competence and cultural humility for working with diverse communities.
- Analyze the process of planning, implementing, and evaluating an evidence-based community public health intervention.
- Develop transdisciplinary relationships to respond to public health problems.
- Explain program development and evaluation plans that include logic models, missions, goals, and objectives. Explain the functional interrelationships of the five core areas of Public Health.

#### **The Curriculum**

The Dr.P.H. program requires a minimum of 60 credit hours and is offered on both a full-and part-time basis. The overall curriculum model includes:

- Public Health Science Core, 24 credit hours
- Advanced Courses in Concentration, 24 credit hours
- Doctoral Public Health Field Practicum, 3 credit hours
- Dissertation, 9 credit hours

The Dr.P.H. Public Health Sciences Core provides advanced courses in the core disciplines of public health (Biostatistics, Environmental Health Sciences, Epidemiology, Health Policy and Management, Social Behavior Sciences). All Dr.P.H. students will take courses in community-based research and grant writing. Advanced specialty coursework develops the skills and knowledge upon which to build or enhance a career in public health. Selective courses are available in three core areas of concentration: Biostatistics, Public Health Leadership and Community Health Behavior and Education.

#### **The Preceptorship**

The Preceptorship is an important practical experience, a field practicum, in a public health related setting. Dr.P.H. students will complete a 300 hour preceptorship under the joint direction of a qualified public health professional and a public health faculty member.

#### **The Candidacy Examination**

All students are required to complete and pass a candidacy examination. This examination will consist of two sections covering the public health core and the students' concentration area. All students are eligible to take the Public Health Core Exam after the completion of the following courses: PUBH 8130, PUBH 8132, PUBH 8133, PUBH 8134, PUBH 8136, and PUBH 9130. Community Health and Public Health Leadership students will complete their concentration portion of the exam during PUBH 9630. Biostatistics students must take their concentration exam within one semester of the completion of the biostatistics coursework. Students are only allowed one retake. If students fail the retake exam, they will be excluded from the program. Students will advance to candidacy upon successful completion of both sections of their examination.

#### **The Dissertation**

All doctoral candidates are required to prepare, complete and successfully defend a dissertation.

#### **Admission Requirements**

Admission into the graduate program is competitive and based upon academic background, performance on the Graduate Record Examination (GRE), professional experience, interest in the field, a history of service, a personal statement, and letters of recommendation. All applicants must apply through the Schools of Public Health Application Service (SOPHAS).

#### **Degree Admission Requirements**

##### **Regular \***

*To complete an application to the Dr.P.H. program, applicants must submit the following:*

- Completion of an application in SOPHAS.

- Official transcript(s) from a regionally accredited college or university showing courses completed, grades earned, dates, and degree(s) awarded. Transcript(s) should show completion of at least one (1) graduate-level course in each of the following five (5) areas
  - biostatistics
  - epidemiology
  - health behavior/health education
  - health management/policy
  - environmental health sciences
- Courses must have been completed in the last five (5) years, and each must have been passed with a grade of “B” or better. Applicants who have not completed these courses, but whose applications show exceptional potential for success in the Dr.P.H. program, may be admitted to the Dr.P.H. program, but will be required to complete the courses (as presented in the JPHCOPH MPH core course requirements) with grades of “B” or better before progressing to the Public Health Practice Core and Concentration Courses of the Dr.P.H. program. If the applicant has completed a Master’s degree in a field other than public health, professional public health work experience in one or more of the five core areas may be substituted for the corresponding M.P.H. level courses at the discretion of the College. Requests for this waiver must be submitted in writing;
- Three (3) letters of recommendation. Two must be from graduate faculty members and the third from a work supervisor;
- Official scores from the GRE (General Test) taken in the last five (5) years. An original copy of the test score, sent by the testing agency to the Office of Admissions, is required before any action is taken on an application. A copy of the score provided to the student and subsequently forwarded is not acceptable. The requirement for completion of a standardized test will be waived for those applicants who hold a doctoral degree from a regionally accredited college or university;
- All international applicants, including resident and non-resident aliens, whose native language is not English and who do not have an undergraduate degree from a regionally accredited U.S. college or university, are required to submit official TOEFL scores taken within the year immediately preceding the requested semester of admission. A minimum total score of 83, and minimum scores of 20 for each of the skills evaluated by the TOEFL: Listening, Reading, Speaking, Writing) An original copy of the test score, sent by the testing agency to the Office of Admissions is required before any action is taken on an application. The copy of the score provided to the student and subsequently forwarded is not acceptable;
- Personal statement/letter of interest emphasizing reasons for pursuing Dr.P.H. (700-1000 words);
- Current curriculum vitae or resume;

*\*Applicants may be required to take prerequisite coursework prior to taking program concentration courses. Conditions of admission will be presented in the letter of acceptance to each student.*

#### **Non-degree Admission Requirements**

An applicant may be admitted to the COGS as non-degree students to earn credit in Public Health graduate courses without working toward a Dr.P.H. Interested applicants should consult the Jack N. Averitt College of Graduate Studies for the types of Non-Degree admission as well as the requirements for admission in this category.

**Grades.** Dr.P.H. level degree seeking students are required to maintain a cumulative GPA of at least 3.0 to remain in good academic standing and to be eligible to graduate. In the event the cumulative GPA falls below 3.0, the student will be placed on academic probation. Students have 9 semester credits to elevate the cumulative GPA to at least 3.0 or will be excluded from the program. Students earning grades of “D” or below will be excluded from the program.

**Transfer Credits.** Students may request that up to, but no more than, 6 graduate credit hours be applied toward the 60 credits required for the Dr.P.H. Transfer credit must also satisfy the same requirements as courses taught for doctoral training within the Jiann-Ping Hsu College of Public Health (e.g., minimum grade of “B”), be consonant with the student’s approved program of study, and have been received from a regionally accredited college or university. Thesis and dissertation credits cannot be transferred. The student must provide documentation in support of equivalence, such as a course syllabus, transcript, term paper, and/or instructor testimony. Equivalence is determined by the Division Director. Credit reductions do not influence the residency and enrollment requirements or comprehensive examination procedures.

**Course Time Limit.** All requirements for the Dr.P.H. must be completed within seven academic years from the date of the first enrollment for study following admission to the doctoral program. For transfer students, the seven-year time limit commences with the semester during which transfer credit was earned.

**Faculty Advisor.** Graduate students are advised by the Coordinator of Student Services and mentored by a faculty member from the Student’s concentration area.

## BIostatISTICS

### Dr.P.H., 60 HOURS

**Advising:** Jiann-Ping Hsu College of Public Health, P.O. Box 8015, Statesboro, GA 30460, Phone: (912) 478-2674, FAX: (912) 478-5811.  
<http://jphcoph.georgiasouthern.edu>

**Degree Admission Requirements**

**Regular \***

To complete an application to the Dr.P.H. program, applicants must submit the following:

- Completion of an application in SOPHAS.
- Official transcript(s) from a regionally accredited college or university showing courses completed, grades earned, dates, and degree(s) awarded. Transcript(s) must show completion of at least one (1) graduate-level course in each of the following five (5) areas:
  - biostatistics
  - epidemiology
  - social and behavioral sciences in public health
  - health policy and management
  - environmental health sciences
- Courses must have been completed in the last five (5) years, and each must have been passed with a grade of “B” or better. Applicants who have not completed these courses, but whose applications show exceptional potential for success in the Dr.P.H. program, may be admitted to the Dr.P.H. program, but will be required to complete the courses (as presented in the JPHCOPH MPH core course requirements) with grades of “B” or better before enrolling in doctoral level courses;
- Three (3) letters of recommendation. Two must be from graduate faculty members and it is encouraged that the third letter be from a work supervisor;
- Official scores from the GRE (General Test) taken in the last five (5) years. An original copy of the test score, sent by the testing agency to the Office of Admissions, is required before any action is taken on an application. A copy of the score provided to the student and subsequently forwarded is not acceptable. The requirement for completion of a standardized test will be waived for those applicants who hold a doctoral degree from a regionally accredited college or university;
- All international applicants, including resident and non-resident aliens, whose native language is not English and who do not have an undergraduate degree from a regionally accredited U.S. college or university, are required to submit official TOEFL scores taken within the year immediately proceeding the requested semester of admission. A minimum total score of 83 is required, with minimum scores of 20 for each of the skills evaluated by the TOEFL: Listening, Reading, Speaking, Writing) An original copy of the test score, sent by the testing agency to the Office of Admissions is required before any action is taken on an application. The copy of the score provided to the student and subsequently forwarded is not acceptable;
- Personal statement/letter of interest emphasizing reasons for pursuing Dr.P.H. (700-1000 words);
- Current curriculum vitae or resume;

*\*Applicants may be required to take prerequisite coursework prior to taking program concentration courses. Conditions of admission will be presented in the letter of acceptance to each student.*

**Non-degree Admission Requirements**

An applicant may be admitted to the COGS as non-degree students to earn credit in Public Health graduate courses without working toward a Dr.P.H. Interested applicants should consult the Jack N. Averitt College of Graduate Studies for the types of Non-Degree admission as well as the requirements for admission in this category.

Applications for admission into the Dr. P.H. program will be based on a review of the applicant’s Graduate Record Examination scores, recommendations for successful graduate study, and previous academic training. The college also considers the compatibility of the student’s interest areas with those of the faculty and curriculum emphases. Admission is based on the totality of the applicant’s work, educational experience, recommendations, and other application data. A single application criterion will not be used to outweigh other criteria in making recommendations for admission.

Admission into the Dr. P.H. program requires a master’s degree in public health (M.P.H.) or an acceptable equivalent. Students should have master’s level grade point averages and Graduate Record Examination scores that are acceptable as determined by the faculty. Students who have not completed the public health core as part of their master’s degree must do so by taking an approved course in each of the following areas: biostatistics, environmental health sciences, epidemiology, health policy and management, and social and behavioral sciences.

Admission to the Dr.P.H. is highly selective to ensure that all accepted into the program have the potential to become effective practitioners and applied researchers.

*NOTE: Prerequisite undergraduate course work may be required. Contact the Division Director in the Jiann-Ping Hsu College of Public Health for complete information.*

**Course Requirements:**

**Public Health Core Courses**.....**24 Hours**  
 PUBH 8130 - Advanced Topics in Biostatistics (3)

- PUBH 8132 - Environmental and Occupational Health (3)
- PUBH 8133 - Epidemiologic Methods (3)
- PUBH 8134 - Health Economics, Policy and the Political Process (3)
- PUBH 8136 - Theoretical Perspectives of the Social and Behavioral Sciences in Public Health (3)
- PUBH 9130 - Professional Seminar in Biostatistics (3)
- PUBH 9132 - Community-Based Research in Public Health (3)
- PUBH 9135 - Public Health Funding and Grantsmanship (3)

**Advanced Courses in Biostatistics .....24 Hours**

- BIOS 9130 - Research Seminar in Biostatistics (3)
- BIOS 9131 - Advanced Statistical Inference for Biostatistics I (3)
- BIOS 9133 - Advanced Statistical Inference for Biostatistics II (3)
- BIOS 9231 - Bayesian Statistics I (3)
- BIOS 9233 - Bayesian Statistics II (3)
- BIOS 9331 - Meta-Analysis (3)
- BIOS 9333 - Applied Longitudinal Data Analysis (3)
- BIOS - Guided Elective (3)

**Doctoral Public Health Field Practicum .....3 Hours**

- PUBH 9790 - Doctoral Preceptorship in Public Health (3) (Note: 300 hours of field experience under the joint direction of a public health faculty member and a qualified specialist working in the area of concentration.)

**Dissertation .....9 Hours**

- PUBH 9999 - Dissertation (9)

**Biostatistics Concentration Competencies**

At the completion of the Dr.P.H. degree program all Biostatistics students will be able to:

- Demonstrate skills for translating objectives of a public health and biomedical research question into the appropriate biostatistical questions.
- Design a public health and biomedical investigation in terms of the experimental design, data to be collected to reflect research objectives, number of subjects needed to address the objectives, and specification of appropriate methods for analysis.
- Develop a theoretical foundation for commonly used topics in inferential statistics such as probability, sampling, discrete and continuous distributions and their moment generating functions, point and interval estimation, likelihood ratio tests, hypothesis testing, and nonparametrics found in advanced analyses of public health and biomedical studies.
- Compare Bayesian methods to frequentist methods for analyzing data.
- Evaluate a public health and biomedical research proposal to determine the more appropriate biostatistical analysis methodology, including Bayesian and frequentist approaches.
- Analyze public health and biomedical data via classical and Bayesian approaches using statistical software packages such as SAS, R/S-plus, and WinBUGS.
- Develop a protocol for performing meta-analyses of data to be collected to address a question requiring collection of summary data across several sources.
- Demonstrate use of meta-analytic methods for combining information across public health and biomedical studies.
- Apply meta-analysis to estimate the sources and magnitude of heterogeneity across public health and biomedical studies.
- Explain underlying theory in longitudinal data analyses of public health and biomedical studies.
- Analyze longitudinal data in public health and biomedical studies with appropriate longitudinal data analysis methods.
- Interpret analytic methods used throughout the literature in biostatistical and public health journals.
- Interpret results of classical and Bayesian biostatistical analyses so that valid and reliable conclusions regarding a public health and biomedical research question may be drawn from the analyses.
- Develop new ideas for applying existing biostatistical methods to applications in public health.
- Develop statistical reasoning skills to work independently on ideas for research in public health and biomedicine.
- Develop written and oral reports to communicate effectively to research investigators pivotal aspects of a study, including its design, objectives, data, analysis methods, results, and conclusions.
- Create a collaborative environment for working on written and oral reports and developing critical thinking skills.

# COMMUNITY HEALTH BEHAVIOR AND EDUCATION

## Dr.P.H., 60 HOURS

**Advising:** Jiann-Ping Hsu College of Public Health, P.O. Box 8015, Statesboro, GA 30460, Phone: (912) 478-2674, FAX: (912) 478-5811.  
<http://jphcoph.georgiasouthern.edu>

**Degree Admission Requirements**

**Regular \***

To complete an application to the Dr.P.H. program, applicants must submit the following:

- Completion of an application in SOPHAS.
- Official transcript(s) from a regionally accredited college or university showing courses completed, grades earned, dates, and degree(s) awarded. Transcript(s) must show completion of at least one (1) graduate-level course in each of the following five (5) areas:
  - biostatistics
  - epidemiology
  - social and behavioral sciences in public health
  - health policy and management
  - environmental health sciences
- Courses must have been completed in the last five (5) years, and each must have been passed with a grade of “B” or better. Applicants who have not completed these courses, but whose applications show exceptional potential for success in the Dr.P.H. program, may be admitted to the Dr.P.H. program, but will be required to complete the courses (as presented in the JPHCOPH MPH core course requirements) with grades of “B” or better before enrolling in doctoral level courses;
- Three (3) letters of recommendation. Two must be from graduate faculty members and it is encouraged that the third letter be from a work supervisor;
- Official scores from the GRE (General Test) taken in the last five (5) years. An original copy of the test score, sent by the testing agency to the Office of Admissions, is required before any action is taken on an application. A copy of the score provided to the student and subsequently forwarded is not acceptable. The requirement for completion of a standardized test will be waived for those applicants who hold a doctoral degree from a regionally accredited college or university;
- All international applicants, including resident and non-resident aliens, whose native language is not English and who do not have an undergraduate degree from a regionally accredited U.S. college or university, are required to submit official TOEFL scores taken within the year immediately proceeding the requested semester of admission. A minimum total score of 83 is required, with minimum scores of 20 for each of the skills evaluated by the TOEFL: Listening, Reading, Speaking, Writing) An original copy of the test score, sent by the testing agency to the Office of Admissions is required before any action is taken on an application. The copy of the score provided to the student and subsequently forwarded is not acceptable;
- Personal statement/letter of interest emphasizing reasons for pursuing Dr.P.H. (700-1000 words);
- Current curriculum vitae or resume;

*\*Applicants may be required to take prerequisite coursework prior to taking program concentration courses. Conditions of admission will be presented in the letter of acceptance to each student.*

**Non-degree Admission Requirements**

An applicant may be admitted to the COGS as non-degree students to earn credit in Public Health graduate courses without working toward a Dr.P.H. Interested applicants should consult the Jack N. Averitt College of Graduate Studies for the types of Non-Degree admission as well as the requirements for admission in this category.

Applications for admission into the Dr. P.H. program will be based on a review of the applicant’s Graduate Record Examination scores, recommendations for successful graduate study, and previous academic training. The college also considers the compatibility of the student’s interest areas with those of the faculty and curriculum emphases. Admission is based on the totality of the applicant’s work, educational experience, recommendations, and other application data. A single application criterion will not be used to outweigh other criteria in making recommendations for admission.

Admission into the Dr. P.H. program requires a master’s degree in public health (M.P.H.) or an acceptable equivalent. Students should have master’s level grade point averages and Graduate Record Examination scores that are acceptable as determined by the faculty. Students who have not completed the public health core as part of their master’s degree must do so by taking an approved course in each of the following areas: biostatistics, environmental health sciences, epidemiology, health policy and management, and social and behavioral sciences.

Admission to the Dr.P.H. is highly selective to ensure that all accepted into the program have the potential to become effective practitioners and applied researchers.

*NOTE: Prerequisite undergraduate course work may be required. Contact the Division Director in the Jiann-Ping Hsu College of Public Health for complete information.*

**Course Requirements:**

**Public Health Core Courses**.....**24 Hours**  
 PUBH 8130 - Advanced Topics in Biostatistics (3)



- PUBH 8132 - Environmental and Occupational Health (3)
- PUBH 8133 - Epidemiologic Methods (3)
- PUBH 8134 - Health Economics, Policy and the Political Process (3)
- PUBH 8136 - Theoretical Perspectives of the Social and Behavioral Sciences in Public Health (3)
- PUBH 9130 - Professional Seminar in Biostatistics (3)
- PUBH 9132 - Community-Based Research in Public Health (3)
- PUBH 9135 - Public Health Funding and Grantsmanship (3)

**Advanced Courses in Community Health Behavior and Education .....24 Hours**

- CHBE 9130 - Research Methods in Community and Behavioral Health (3)
- CHBE 9230 - Community-Based Public Health Program Planning and Evaluation (3)
- CHBE 9235 - Communication and Advocacy (3)
- CHBE 9331 - Health Disparities and the Rural Underserved (3)
- CHBE 9335 - Global Health and Preparedness (3)
- CHBE 9630 - Doctoral Seminar in Community Health (3)
- CHBE - Guided Elective (3)
- PUBH 9630 - Public Health Doctoral Seminar (3)

**Doctoral Public Health Field Practicum .....3 Hours**

- PUBH 9790 - Doctoral Preceptorship in Public Health (3) (Note: 300 hours of field experience under the joint direction of a public health faculty member and a qualified specialist working in the area of concentration.)

**Dissertation .....9 Hours**

- PUBH 9999 - Dissertation (9)

**Social and Behavioral Sciences Competencies**

At the completion of the Dr.P.H. degree program all Community Health students will be able to:

- Evaluate theories, concepts, and models from social and behavioral science disciplines (e.g. anthropology, sociology, psychology, health education) that are used in public health research and practice.
- Analyze philosophical foundations and assumptions of research applied to community health problems.
- Evaluate social and behavioral determinants of health equity at all ecological levels (individual through policy) applied in rural and urban settings.
- Analyze health communication approaches including social marketing, media advocacy, and new communication technology.
- Analyze the concept of Public Health Preparedness.
- Compare U.S. Public Health and Global Public Health priorities and concerns.
- Evaluate legislative advocacy skills that influence health policy.
- Demonstrate planning, implementation, and evaluation of evidence-based community public health interventions.
- Evaluate qualitative and quantitative methods and their use in community health intervention, evaluation, and research.
- Utilize qualitative, quantitative, and mixed methods to address community health problems.
- Evaluate Community-Based Participatory Research (CBPR) approaches when working with diverse communities.
- Assess ethical principles critical to community-based research and practice.
- Analyze the impact of power and privilege on health inequity at local, national, and global levels.
- Demonstrate skills that support cultural competence and cultural humility when working with diverse communities.
- Analyze current and future community-level needs for keeping the public healthy.
- Analyze the collaborative and transdisciplinary relationships to respond to public health problems.
- Develop program development and evaluation plans that include logic models, missions, goals, and objectives. Promote the public health and health education professions individually and collectively.
- Assess the functional interrelationships of the five core areas of Public Health.

## PUBLIC HEALTH LEADERSHIP Dr.P.H., 60 HOURS (Partially Online)

**Advising:** Jiann-Ping Hsu College of Public Health, P.O. Box 8015, Statesboro, GA 30460, Phone: (912) 478-2674, FAX: (912) 478-5811.  
<http://jphcoph.georgiasouthern.edu>

### Degree Admission Requirements

#### Regular \*

To complete an application to the Dr.P.H. program, applicants must submit the following:

- Completion of an application in SOPHAS.
- Official transcript(s) from a regionally accredited college or university showing courses completed, grades earned, dates, and degree(s) awarded. Transcript(s) must show completion of at least one (1) graduate-level course in each of the following five (5) areas:
  - biostatistics
  - epidemiology
  - social and behavioral sciences in public health
  - health policy and management
  - environmental health sciences
- Courses must have been completed in the last five (5) years, and each must have been passed with a grade of “B” or better. Applicants who have not completed these courses, but whose applications show exceptional potential for success in the Dr.P.H. program, may be admitted to the Dr.P.H. program, but will be required to complete the courses (as presented in the JPHCOPH MPH core course requirements) with grades of “B” or better before enrolling in doctoral level courses;
- Three (3) letters of recommendation. Two must be from graduate faculty members and it is encouraged the third letter be from a work supervisor;
- Official scores from the GRE (General Test) taken in the last five (5) years. An original copy of the test score, sent by the testing agency to the Office of Admissions, is required before any action is taken on an application. A copy of the score provided to the student and subsequently forwarded is not acceptable. The requirement for completion of a standardized test will be waived for those applicants who hold a doctoral degree from a regionally accredited college or university;
- All international applicants, including resident and non-resident aliens, whose native language is not English and who do not have an undergraduate degree from a regionally accredited U.S. college or university, are required to submit official TOEFL scores taken within the year immediately preceding the requested semester of admission. A minimum total score of 83 is required, with minimum scores of 20 for each of the skills evaluated by the TOEFL: Listening, Reading, Speaking, Writing) An original copy of the test score, sent by the testing agency to the Office of Admissions is required before any action is taken on an application. The copy of the score provided to the student and subsequently forwarded is not acceptable;
- Personal statement/letter of interest emphasizing reasons for pursuing Dr.P.H. (700-1000 words);
- Current curriculum vitae or resume;

*\*Applicants may be required to take prerequisite coursework prior to taking program concentration courses. Conditions of admission will be presented in the letter of acceptance to each student.*

### Non-degree Admission Requirements

An applicant may be admitted to the COGS as non-degree students to earn credit in Public Health graduate courses without working toward a Dr.P.H. Interested applicants should consult the Jack N. Averitt College of Graduate Studies for the types of Non-Degree admission as well as the requirements for admission in this category.

Applications for admission into the Dr. P.H. program will be based on a review of the applicant’s Graduate Record Examination scores, recommendations for successful graduate study, and previous academic training. The college also considers the compatibility of the student’s interest areas with those of the faculty and curriculum emphases. Admission is based on the totality of the applicant’s work, educational experience, recommendations, and other application data. A single application criterion will not be used to outweigh other criteria in making recommendations for admission.

Admission into the Dr. P.H. program requires a master’s degree in public health (M.P.H.) or an acceptable equivalent. Students should have master’s level grade point averages and Graduate Record Examination scores that are acceptable as determined by the faculty. Students who have not completed the public health core as part of their master’s degree must do so by taking an approved course in each of the following areas: biostatistics, environmental health sciences, epidemiology, health policy and management, and social and behavioral sciences.

Admission to the Dr.P.H. is highly selective to ensure that all accepted into the program have the potential to become effective practitioners and applied researchers.

*NOTE: Prerequisite undergraduate course work may be required. Contact the Division Director in the Jiann-Ping Hsu College of Public Health for complete information.*

### Course Requirements:

<b>Public Health Core Courses</b> .....	<b>24 Hours</b>
PUBH 8130 - Advanced Topics in Biostatistics (3) PUBH 8132 - Environmental and Occupational Health (3) PUBH 8133 - Epidemiologic Methods (3) PUBH 8134 - Health Economics, Policy and the Political Process (3) PUBH 8136 - Theoretical Perspectives of the Social and Behavioral Sciences in Public Health (3) PUBH 9130 - Professional Seminar in Biostatistics (3) PUBH 9132 - Community-Based Research in Public Health (3) PUBH 9135 - Public Health Funding and Grantsmanship (3)	
<b>Advanced Courses in Public Health Leadership</b> .....	<b>24 Hours</b>
PHLD 9130 - Public Health Research Methods (3) PHLD 9131 - Foundations and Strategies for Health Organization Leadership (3) PHLD 9133 - Health Organization Communication (3) PHLD 9231 - Health Informatics and Decision Making (3) PHLD 9331 - Health Policy, Regulation and Ethics (3) PHLD 9333 - Strategic and Contingency Planning (3) PHLD 9334 - Financial Management of Public Health Organizations and Programs (3) PUBH 9630 - Public Health Doctoral Seminar (3)	
<b>Doctoral Public Health Field Practicum</b> .....	<b>3 Hours</b>
PUBH 9790 - Doctoral Preceptorship in Public Health (3) (Note: 300 hours of field experience under the joint direction of a public health faculty member and a qualified specialist working in the area of concentration.)	
<b>Dissertation</b> .....	<b>9 Hours</b>
PUBH 9999 - Dissertation (9)	

**Public Health Leadership Concentration Competencies**

At the completion of the Dr.P.H. degree program all Public Health Leadership students will be able to:

- Evaluate the main components and issues of the organization, financing and delivery of public health systems in the U.S.
- Evaluate the legal, values and ethical dilemmas in public health that are inherent in efforts to control cost, while assuring access and quality of services for the public.
- Evaluate the methods of ensuring community health safety and preparedness.
- Analyze the policy development, assessment, quality improvement, and evaluation process for improving the health status of populations.
- Evaluate the principles of program development and evaluation as they relate to public health initiatives.
- Analyze budget preparation with justification and evaluation as related to public health initiatives.
- Evaluate the process for strategic planning, quality improvement, and marketing in public health practice.
- Analyze quality, cost benefit and performance improvement concepts to address organizational performance issues in public health.
- Evaluate how "systems thinking" can contribute to solving public health organizational problems.
- Analyze health policy and management effectiveness using appropriate channels and technologies.
- Analyze leadership skills for building partnerships in public health.
- Analyze the trends in planning, resources allocation, and financing and their effects on consumers, providers, and payers in public health.
- Evaluate the economic, professional, social and legislative influences on public health systems in the U.S.
- Apply population and individual ethical considerations in relation to benefit, cost and burden of public health programs.
- Evaluate the application and role of policy and management on the conduct of public health research and practice.
- Analyze information from various sources used in resource and program decision making.
- Analyze the principles of health equity for public health problem solving.
- Compare the impacts of rural versus urban on health of communities.
- Evaluate qualitative and quantitative research methods for public health problem solving.
- Assess the ability to manage programs within budget constraints.
- Evaluate grants, proposals or cooperative agreements for funding from external sources.
- Apply prevention effectiveness models to prevention strategies through cost-effectiveness, cost-benefit, and cost-utility analysis.
- Apply ethical decision-making and conduct in all aspects of public health practice.
- Advocate for programs and resources that advance the health of the population.
- Develop a plan to implement a policy or program, including goals, outcomes and process objectives, staffing plan, budget and implementation steps.

# 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](http://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. Colongaud, 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. Iacob, 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. Lakuriqui, 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, E. Linn, 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, Li 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

Temporary Assistant Professors: 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://cost.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

P.O. Box 8044-01

(912) 478-0649

(912) 478-2311 (Fax)

cosm-advisor@georgiasouthern.edu

<http://cosm.georgiasouthern.edu/advisement/>

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

### M.S., 30 HOURS THESIS OPTION

### 36 HOURS NON-THESIS OPTION

**Advising:** College of Science and Mathematics, Department of Biology, Dr. Lance McBryer, P.O. 8042, Statesboro, GA 30460-8042, (912) 478-0545, FAX: (912) 478-1531, E-mail lancemcbrayer@georgiasouthern.edu, Departmental Web Page: <http://cosm.georgiasouthern.edu/biology/>.

#### Admission

Students are selected for the Master of Science in Biology degree program on a competitive basis. Meeting minimum requirements does not guarantee admission. Applications are usually evaluated during the eighth week of the semester prior to the semester of admission. Applications for graduate assistantships must be received by March 1 to receive full consideration for fall. Assistantships are awarded for a maximum of five semesters and are reviewed each semester.

**Admission Requirements:** For unqualified admission to the College of Graduate Studies to pursue graduate work leading to the Master of Science degree in Biology, the applicant must have:

#### Regular

1. Completed requirements for the bachelors degree in a college accredited by the proper regional accrediting associations.
2. A 2.80 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. Scores of at least 153 on the verbal and 144 on the quantitative portions of the Graduate Record Examination (GRE) are typical for applicants to the Master's Program in Biology. For applicants who took the GRE General Test **prior to August 2011** scores of at least 450 on the verbal and 500 on the quantitative portions are typical. Lower scores will sometimes be considered, but the applicant will need strong evidence of ability to perform satisfactory graduate work.
4. An undergraduate major or the equivalent appropriate to the proposed field of study. Adequately prepared applicants will typically have completed 24 hours of biology, 9 hours of mathematics, 16 hours of chemistry (including organic chemistry), and 8 hours of physics (or geological science).
5. Two letters of recommendation from individuals familiar with the applicant's potential to complete successful graduate work.
6. A statement of career goals.
7. Applicants are strongly encouraged to identify a thesis adviser and submit the name to the graduate program director prior to the application deadline.
8. GRE subject test in Biology is not required, but is preferred

#### Provisional

Students who fail to meet one of the requirements 2-4 above may be admitted provisionally. To be converted to regular status, provisional students must earn a "B" or higher in their first 6 hours of Biology graduate courses, approved by the Biology Program Director, with at least 3 hours at the 7000-level. BIOL 7890 (Directed Individual Study) or BIOL 7893 (Biological Problems) cannot be taken for these 6 hours.

#### Non-degree

Non-degree students are accepted on an individual basis as space is available.

Thesis and Non-Thesis options are possible for the M.S. degree in Biology. The program of study and program requirements for each of the two options are outlined below.

#### Program of Study (Thesis Option)

The graduate student and their graduate committee shall jointly develop a Program of Study that includes 24 semester credit hours in graduate course work including the required courses listed below, plus 3 credit hours of research and 3 credit hours of thesis.

**Thesis Option .....30 Hours**

#### Core Requirements

- BIOL 7531 - Research Methods (3)
- BIOL 7530 - Biometry (3)

#### Specialty Requirements

Select one of the following:

- BIOL 7133 - Molecular Biology (3)
- BIOL 7233 - Applied Biology (3)
- BIOL 7333 - Evolutionary Ecology (3)

#### Other Requirements

- BIOL 7610 - Graduate Seminar (2)
- BIOL 7895 - Research (3)
- BIOL 7999 - Thesis (3)

Electives courses at 5000G level or above (13)

Note that a limit of 6 hours of any combination of BIOL 7890 (Directed Individual Study) and BIOL 7893 (Biological Problems), *and a limit of 4 hours of BIOL 7610 (Graduate Seminar)* can be used toward the 30 hour degree requirement.

#### OTHER PROGRAM REQUIREMENTS (Thesis Option)

1. Each candidate for the Master of Science Thesis option in Biology must have accomplished the following by the end of their second term to maintain their eligibility for a graduate assistantship:
  - a. Identified an adviser within the Biology Department
  - b. Formed a Steering Committee of the adviser and two other Biology Department Faculty
  - c. Written a thesis proposal and submitted any necessary IACUC / IBC / IRB applications
  - d. Met with the Steering Committee formally, submitted and received approval for their thesis proposal and Program of Study with appropriate signatures.
2. Each candidate must receive approval from his/her Steering Committee and the Director of the Biology Graduate Program to take courses that do not apply to the MS Thesis Degree in Biology.
3. Each candidate for the Master of Science degree in Biology must complete a thesis on a subject approved by his/her steering committee.
  - a. This thesis must be presented at a public exit seminar and, within 2 weeks following the seminar, defended before the thesis committee.
  - b. The thesis defense is a comprehensive examination that may include questions on the thesis, and subject matter related to the thesis, and course work.
  - c. In addition to the thesis, the student must provide the adviser with all forms of the data that were collected, including electronic files, and a written document detailing the contents of the data files (or other forms).
  - d. The degree is conferred at the end of the semester, after the student has passed the thesis defense and the final written version of the thesis has been approved by the committee.
4. Students entering the Master of Science Thesis option in Biology can apply to switch to the Non-Thesis option within their first two academic semesters by completing the appropriate change of degree paperwork assuming that they are in good standing (See the Graduate Program Director for the required paperwork). After their second academic semester, applications to switch to the Non-Thesis degree can occur by fulfilling the following:
  - a. Filing a change of degree request with the Biology Graduate Committee with an explanation for the request and receiving approval for the change from the Biology Graduate Committee. Approval to switch degree programs is not guaranteed.
  - b. Completing the appropriate change of degree paperwork.
  - c. If any thesis-related and/or grant-related research has been undertaken, providing the faculty mentor with the following (all in hard copy and electronic format whenever possible and relevant):
    - A written one page document detailing the objectives of the initiated research
    - A complete description of the methods used to collect data
    - All forms of data that were collected
    - A written document detailing the contents of all the data files (or other forms)
  - d. If data were gathered to meet the obligation of a grant (completely or in part), then the student must waive all rights and ownership over the data and any publications forthcoming from the use of the data.
  - e. File a new Program of Study form.

**Program of Study (Non-Thesis Option)**

The graduate student and the graduate committee shall jointly develop a Program of Study that includes 36 semester credit hours in graduate course work including the required courses listed below.

**Non-Thesis Option** .....36 Hours  
**Core Requirements**

- BIOL 5000G-level (4)
- BIOL 5000G-level and fulfills scientific process category (4)

**Specialty Requirements**

Select two of the following:

- BIOL 7133 - Molecular Biology (3)
- BIOL 7233 - Applied Biology (3)
- BIOL 7333 - Evolutionary Ecology (3)

**Other Requirements**

- BIOL 7610 - Graduate Seminar (1)
- BIOL 7610 - Graduate Seminar (1)
- BIOL 7890 - Directed Individual Study (3) **OR** BIOL 7893 - Biological Problems (3) (*Note: "Non-Thesis" must be part of the course title*)

Electives courses at 5000G level or above (17)

Note that a limit of 6 hours of any combination of BIOL 7890 (Directed Individual Study) and BIOL 7893 (Biological Problems), and a limit of 4 hours of *BIOL 7610* (Graduate Seminar) can be used toward the 36 hour degree requirement. BIOL 7895 (Research) and BIOL 7999 (Thesis) cannot be used toward the Non-Thesis option.

**OTHER PROGRAM REQUIREMENTS (Non-Thesis Option)**

1. To continue with the second year, each candidate for the Master of Science Non-Thesis degree in Biology in conjunction with the Graduate Committee must complete a Program of Study and identify an advisor who will oversee the BIOL 7890 (Directed Individual Study) and/or BIOL 7893 (Biological Problems), with an extensive scientific writing component requirement. *Note: "Non-Thesis" must be part of the course title.*
2. Each candidate must receive Graduate Committee and Director of the Biology Graduate Program approval to take courses that do not apply to the MS Degree.

3. Students entering the Master of Science Non-Thesis option in Biology can switch to the Thesis option within their first two academic semesters assuming that they are in good standing. They can apply to switch programs by completing the appropriate change of option paperwork and completing steps 1-3 under the "Other Program Requirements" of the Thesis option by the end of the second semester. After the second academic semester, students may switch to the Thesis option by completing the required change of option paperwork and completing steps 1-3 under the "Other Program Requirements" of the Thesis option in the term the change of option is requested. If the change of option is approved, the guidelines for the Thesis option apply.

## MATHEMATICS, M.S., 36 HOURS

**Advising:** College of Science and Mathematics, Department of Mathematical Sciences, Dr. Hua Wang, Georgia Southern University, P.O. 8093, Statesboro, GA 30460, (912) 478-5390, E-mail: [hwang@georgiasouthern.edu](mailto:hwang@georgiasouthern.edu)

### Admission Requirements

#### Regular

For regular admission to the College of Graduate Studies to pursue work leading to this degree, the applicant must have:

1. Completed requirements for the Bachelor's degree in a science, engineering, or mathematical discipline at a regionally accredited college or university.
2. Submitted scores from the Graduate Record Examinations (GRE) and Test of English as Foreign Language (TOEFL) (international students only) to the College of Graduate Studies. Conditional admission without the GRE is acceptable, provided it is completed within one calendar year of admission to the program.
3. Successfully completed courses in calculus, probability, and linear algebra.

#### Provisional

Applicants who do not meet admission requirements may be admitted provisionally but must take appropriate undergraduate courses before receiving regular admission. Admission of an applicant who is deemed marginal may require that an interview be conducted by a committee of graduate faculty members from the department.

#### Non-Degree

Non-degree students are accepted on an individual basis as space is available. Upon the advisor's recommendation, up to a maximum of 9 credit hours earned as a non-degree student may be included in the program of study if a non-degree student is granted regular admission.

### Program of Study

The graduate student and the graduate advisor shall develop a Program of Study that consists of 30 hours of graduate course work, including 9 hours of core courses, and 21 hours of elective courses. In addition, the Program of Study will include 3 hours of Research and 3 hours of Thesis in the area of concentration. Of the 36 required credit hours, at least 18 must be at the 7000 level. At most 11 hours of any combination of MATH 7890 - Directed Study in Applied Mathematics, MATH 7895 - Research and MATH 7999 - Thesis will count towards the 36 credit hours required for the degree.

### General Requirements

**Core Requirements** ..... **9 Hours**

#### Pure Mathematics

- MATH 7234 - Advanced Linear Algebra (3)
- MATH 7331 - Real Analysis (3)
- MATH 7430 - Abstract Algebra I (3)

#### Applied Mathematics

- MATH 7231 - Advanced Numerical Analysis I (3)
- MATH 7234 - Advanced Linear Algebra (3)
- MATH 7331 - Real Analysis (3)

#### Statistics

- MATH 7231 - Advanced Numerical Analysis I (3)
- MATH 7234 - Advanced Linear Algebra (3)
- STAT 7331 - Mathematical Statistics I (3)

#### Computational Science

- MATH 7132 - Methods of Optimization (3)
- MATH 7231 - Advanced Numerical Analysis I (3)
- MATH 7234 - Advanced Linear Algebra (3)

**Electives in Concentration Area** ..... **21 Hours**

Selected Courses in one of the four concentrations: Pure Mathematics, Applied Mathematics, Statistics or Computational Science. Other approved courses outside the department that support the concentration areas may also be considered. See the department website for information on acceptable courses for each concentration. A maximum of two elective courses may be taken from outside the student's concentration area. These must be approved by the graduate advisor.

**Research in Concentration Area** ..... **3 Hours**

- MATH 7895 - Research (3)

**Thesis in Concentration Area** ..... **3 Hours**

- MATH 7999 - Thesis (3)

Each candidate for the Master of Science in Mathematics must complete a thesis on a subject approved by the student's advisor. The thesis must be defended before a student advisory committee. The presentation part of the defense is open to the public.

## PHYSICAL SCIENCE

### M.S.P.S., 30 HOURS THESIS TRACK

### 36 HOURS NON-THESIS TRACK

Total Hours: Non-Thesis Track 33 + 3 internship hours

Total Hours: Thesis Track 24 + 6 thesis hours

**Advising:** Department of Chemistry and Department of Physics, Georgia Southern University, P.O. Box 8064 Statesboro, GA 30460

#### Admission Requirements

##### Regular

1. B.S. or B.A. degree in chemistry or physics from an appropriate regionally accredited college or university, or an equivalent degree from a recognized foreign college or university. Official TOEFL scores (not more than two years old) required for international students.
2. A overall minimum cumulative GPA of 3.0 on a 4.0 scale or at the discretion of the graduate admission committee.
3. Official GRE Report showing competitive subtest scores.
4. 2 Letters of Recommendation
5. Applicant's Statement of Purpose, which must address (1) the student's preparation for graduate study, (2) the student's goals for the graduate program, potential concentration area, and possible advisor (for thesis option), & (3) the student's professional goals following completion of the M.S.P.S. program
6. the applicant must have the appropriate undergraduate preparation for the area of concentration. This requires meeting the general M.S.P.S. requirements and the prerequisites listed for the particular concentration area.

##### Provisional

None

##### Non-Degree

None

#### Program Concentrations

The Master of Science in Physical Science degree program provides concentrations in Environmental Science, Pharmaceutical Science, or Materials and Coatings Science.

A maximum of 12 credit hours at the 5000 level are allowed for the Master of Science in Physical Science degree.

#### Environmental Science Concentration

**Non-Thesis Track.....36 Hours**

##### Core Requirements

- CHEM 6130 - Industrial Science (3)
- CHEM 6230 - Scientific Inquiry and Ethics (3)
- CHEM 6730 **OR** PHYS 6730 - Master of Science in Physical Science Internship (3)
- CISM/MGNT 7431 - Project Management (3)
- MGNT 7330 - Leadership and Motivation (3)
- PUBH 6541 - Biostatistics (3) **OR** STAT 5531G - Statistical Methods I (3) **OR** ACCT 7134 - Financial Reporting and Analysis (3)
- WRIT 5930G - Technical Writing (3)

##### Concentration Requirements

- CHEM 5233G - Environmental Chemistry (3)
- Concentration Elective courses (12) at or above the 5000 level - as contracted with the faculty advisor and degree coordinator

**Thesis Track.....30 Hours**

##### Core Requirements

- CHEM 6130 - Industrial Science (3)
- CHEM 6230 - Scientific Inquiry and Ethics (3)
- CHEM 7610 **OR** PHYS 7610 - Graduate Seminar (3)
- CHEM 7999 **OR** PHYS 7999 - Thesis (6)
- PUBH 6541 - Biostatistics (3) **OR** STAT 5531G - Statistical Methods I (3)

##### Concentration Requirements

- CHEM 5233G - Environmental Chemistry (3)
- Concentration Elective courses (9) at or above the 5000 level - as contracted with the faculty advisor and degree coordinator

#### Pharmaceutical Science Concentration

**Non-Thesis Track.....36 Hours**

##### Core Requirements

- CHEM 6130 - Industrial Science (3)
- CHEM 6230 - Scientific Inquiry and Ethics (3)
- CHEM 6730 **OR** PHYS 6730 - Master of Science in Physical Science Internship (3)
- CISM/MGNT 7431 - Project Management (3)
- MGNT 7330 - Leadership and Motivation (3)

PUBH 6541 - Biostatistics (3) **OR** STAT 5531G - Statistical Methods I (3) **OR** ACCT 7134 - Financial Reporting and Analysis (3)  
WRIT 5930G - Technical Writing (3)

**Concentration Requirements**

PHYS 7330 - Principles and Practice of Pre-clinical Drug Development (3)  
Concentration Elective courses (12) at or above the 5000 level - as contracted with the faculty advisor and degree coordinator

**Thesis Track.....30 Hours**

**Core Requirements**

CHEM 6130 - Industrial Science (3)  
CHEM 6230 - Scientific Inquiry and Ethics (3)  
CHEM 7610 **OR** PHYS 7610 - Graduate Seminar (3)  
CHEM 7999 **OR** PHYS 7999 - Thesis (6)  
PUBH 6541 - Biostatistics (3) **OR** STAT 5531G - Statistical Methods I (3)

**Concentration Requirements**

PHYS 7330 - Principles and Practice of Pre-clinical Drug Development (3)  
Concentration Elective courses (9) at or above the 5000 level - as contracted with the faculty advisor and degree coordinator

**Material and Coatings Science Concentration**

**Non-Thesis Track.....36 Hours**

**Core Requirements**

CHEM 6130 - Industrial Science (3)  
CHEM 6230 - Scientific Inquiry and Ethics (3)  
CHEM 6730 **OR** PHYS 6730 - Master of Science in Physical Science Internship (3)  
CISM/MGNT 7431 - Project Management (3)  
MGNT 7330 - Leadership and Motivation (3)  
PUBH 6541 - Biostatistics (3) **OR** STAT 5531G - Statistical Methods I (3) **OR** ACCT 7134 - Financial Reporting and Analysis (3)  
WRIT 5930G - Technical Writing (3)

**Concentration Requirements**

PHYS 6131 - Physics of Solid State Materials (3)  
Concentration Elective courses (12) at or above the 5000 level - as contracted with the faculty advisor and degree coordinator

**Thesis Track.....30 Hours**

**Core Requirements**

CHEM 6130 - Industrial Science (3)  
CHEM 6230 - Scientific Inquiry and Ethics (3)  
CHEM 7610 **OR** PHYS 7610 - Graduate Seminar (3)  
CHEM 7999 **OR** PHYS 7999 - Thesis (6)  
PUBH 6541 - Biostatistics (3) **OR** STAT 5531G - Statistical Methods I (3)

**Concentration Requirements**

PHYS 6131 - Physics of Solid State Materials (3)  
Concentration Elective courses (9) at or above the 5000 level - as contracted with the faculty advisor and degree coordinator

**Thesis**

Each Candidate for the Master of Science in Physical Science degree, thesis track, must complete a thesis on a subject approved by the graduate thesis committee. The major professor supervises the research, directs the writing of the thesis, and approves the thesis in its final form. Prior to the final approval, the thesis is read by the thesis committee. One member, termed the second reader, has the responsibility for an intensive and rigorous criticism of the thesis, and a third member of the thesis committee has the responsibility of an "editorial reader." Both second and third readers must report all comments to the major professor. The thesis must be defended in an oral examination before the graduate committee prior to final approval and sign-off.

The style and format for the completed thesis shall follow that prescribed by the Director for the Master of Science in Physical Science degree. Procedural steps in the preparation of the thesis are as follows:

- The prospectus for the thesis shall be submitted to the major professor and thesis committee for approval.
- The student must prepare the thesis for electronic submission following the latest version of the Electronic Thesis and Dissertation (ETD): Student Guide to Preparation and Processing manual.
- The thesis must be electronically submitted to the ETD site for format check by the ETD format check submission deadline as stated in the University Calendar.
- The final corrected thesis must be electronically submitted to the ETD site by the ETD format check submission deadline as stated in the University Calendar. The final document must be electronically approved by the Thesis Committee.

*See the Thesis and Dissertation Student Guide to Preparation and Processing for additional Thesis information.*



## **K-5 MATHEMATICS ENDORSEMENT 9 HOURS (Online)**

**Purpose:** Prepares individuals to teach math in grades K-5.

**Application:** Students seeking to fulfill requirements for this endorsement must complete an admission application through the Graduate Admissions Office. Both new students and students currently enrolled must complete an admission application to earn the endorsement. Students must also submit a personal statement of purpose, not to exceed 200 words, that identifies the applicant's reasons for pursuing graduate study and how admission into the program relates to the applicant's professional aspirations.

**Advising:** College of Science and Mathematics, Department of Mathematical Sciences, Dr. Sharon Taylor, Georgia Southern University, P.O. 8093, Statesboro, GA 30460, (912) 478-5390, E-mail: [taylor@georgiasouthern.edu](mailto:taylor@georgiasouthern.edu)

### **Admission Requirements**

1. Hold a bachelor's degree from a regionally accredited institution.
2. Hold a valid Georgia Professional Level Four Teaching Certificate (T4) or higher in one of the following fields:
  - Early Childhood Education (P-5)
  - Middle Grades Education (4-8)
  - Special Education General Curriculum/Early Childhood Education (P-5)
  - Or any of the following certificates and a core academic content concentration in mathematics:
    - Special Education General Curriculum (P-12)
    - Special Education Adapted Curriculum (P-12)
    - Special Education Behavior Disorders (P-12)
    - Special Education Learning Disabilities (P-12)
    - Special Education Deaf Education (P-12)
    - Special Education Physical and Health Disabilities (P-12)
    - Special Education Visual Impairment (P-12)
    - Gifted Certificate (P-12)
3. A minimum of one year teaching experience.
4. A cumulative 2.5 (4.0 scale) grade point average or higher on all undergraduate and graduate work combined.
5. Submit a completed "Disclosure and Affirmation Form" that addresses misconduct disclosure, criminal background check, the Code of Ethics for Educators, and tort liability insurance.

*NOTE: Official report of scores on the Miller Analogies Test (MAT) or the verbal, quantitative and analytical writing sections of the Graduate Records Exam (GRE) are not needed for admission to the endorsement program only. The scores are required for admission to a degree program.*

### **Program Requirements**

1. Complete 9 semester hours of prescribed course work.
  - MATH 6131 - Applications in Arithmetic and Algebra for K-5 Teachers (3)
  - MATH 6132 - Applications in Statistics for K-5 Teachers (3)
  - MATH 6133 - Applications in Geometry for K-5 Teachers (3)
2. Successfully complete all program key assessments.

*Note: This endorsement program is optional and is designed to strengthen and enhance educator competency levels. Individuals teaching mathematics in grades K-5 who hold a clear renewable teaching certificate and this endorsement will be eligible to earn salary incentives when funded by the General Assembly. The endorsement applies to educators teaching within grades K-5, but it does not modify the grade levels of the base certificate. For example, educators with the Middle Grades Mathematics (4-8) certificate and this K-5 endorsement are only in-field to teach mathematics in grades 4-8. They will be eligible for salary incentives only if they are assigned to teach mathematics in grades 4 or 5.*

### **Candidates Holding the Early Childhood Mathematics Endorsement Issued Prior to June 30, 2010**

This previously issued endorsement will not result in salary incentives. Candidates holding this endorsement can add the K-5 Mathematics Endorsement and qualify for salary incentives by successfully completing the Key Assessment for each of the 3 required courses. Key Assessments are submitted as an electronic portfolio. A copy of the Early Childhood Mathematics Endorsement must be submitted when applying for this option. Contact Chris Thompson ([cjthomp@georgiasouthern.edu](mailto:cjthomp@georgiasouthern.edu)), the College of Education Certification Officer, for application information.

# 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
ART	Art
ARTH	Art History
BIOL	Biology
BIOS	Biostatistics
BUSA	Business Administration
CHBE	Community Health: Behavior and Education
CHEM	Chemistry
CHFD	Child and Family Development
CISM	Computer Information Systems
COHE	Community Health Education
COML	Comparative Literature
COUN	Counseling Education
CSCI	Computer Science
ECED	Early Childhood Education
ECON	Economics
EDAT	Accomplished Teaching
EDLD	Educational Leadership
EDMS	Education Math Science
EDSC	Education Science
EDUC	Curriculum
EDUF	Educational Foundations
EDUR	Educational Research
EENG	Electrical Engineering
EMBA	Executive MBA Consortium
ENGL	English
ENVH	Environmental Health Sciences
EPID	Epidemiology
ESED	Early Childhood-Secondary Education
ESPY	School Psychology
FINC	Finance
FORL	Foreign Language
FRCT	Curriculum Theory
FREC	Early Childhood
FREN	French
FRER	Educational Research
FRIT	Instructional Technology
FRLT	Educational Foundations
FRMS	Middle and Secondary Education
GCM	Graphic Communications Management
GEOG	Geography
GEOL	Geology
HIST	History
HLTH	Health
HSPM	Health Services Policy Management
INTS	International Studies
IRSH	Irish Studies
IT	Information Technology
ITEC	Instructional Technology Education
KINS	Kinesiology
LAST	Latin American Studies
LING	Linguistics

LOGT	Logistics/Intermodal Transportation
LSTD	Legal Studies
MATH	Mathematics
MENG	Mechanical Engineering
MGED	Middle Grades Education
MGNT	Management
MKTG	Marketing
MSED	Middle Grades and Secondary Education
MUSA	Applied Music
MUSC	Music
MUSE	Music Ensemble
NTFS	Nutrition and Food Science
NURS	Nursing
PBAD	Public Administration
PHIL	Philosophy
PHLD	Public Health Leadership
PHYS	Physics
POLS	Political Science
PSYC	Psychology
PUBH	Public Health
READ	Reading
RECR	Recreation
RELS	Religious Studies
SCED	Secondary Education
SMGT	Sport Management
SOCI	Sociology
SPAN	Spanish
SPED	Special Education
STAT	Statistics
TCET	Civil Engineering Technology
TCGT	General Technology
TEET	Electrical Engineering Technology
TFG	Technology Fort Gordon
TGET	Graduate Engineering Technology
THEA	Theatre
TMAE	Applied Engineering
TMET	Mechanical Engineering Technology
TMFG	Manufacturing Technology
TSEC	Safety and Environmental Technology
WBUS	Web Business
WGST	Women's and Gender Studies
WLST	Web Legal Studies
WMAC	Web Accounting
WMBA	WebMBA Consortium
WRIT	Writing

## Course Descriptions

### Africana Studies (CLASS)

#### AAST/HIST 5233G

##### 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 5236G

##### 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/AMST/SOCI 5333G

##### 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/ANTH 5437G

##### 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 5539G

##### 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 5232G

##### 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 6130

##### Accounting and Control: 3-0-3

Provides an overview of financial and management accounting. It illustrates how financial accounting information is generated, analyzed, and used for external reporting purposes and how management accounting information is used in management decision making. Differences in accounting practices between and among nations are also explored. Prerequisite(s): Graduate standing.

#### ACCT 7130

##### Seminar in Financial Accounting: 3-0-3

A study of business combinations, consolidation of financial statements of affiliated companies, multinational operations, foreign currency transactions, translation of foreign currency financial statements, reporting disaggregated information, and interim financial statements. Prerequisite(s): A minimum grade of "C" in ACCT 4133 and admission to the MAcc program or permission of the director of the School of Accountancy.

#### ACCT 7131

##### Selected Topics in Accounting: 3-0-3

This course is designed to offer students an opportunity to pursue studies at a level or on topics not covered in existing graduate courses. The scope and nature of the material is determined in consultation with the faculty sponsor. Prerequisite(s): Graduate standing and permission of director.

#### ACCT 7132

##### Theory of Accounting: 3-0-3

A study of historical and contemporary developments of accounting theory, policy, and reporting procedures. The objectives of financial reporting are reviewed within the conceptual framework of accounting and the accounting standard setting process. Particular emphasis is placed on financial

accounting theory formulation and the application of accounting theory to selected contemporary issues. Prerequisite(s): Graduate standing.

#### ACCT 7134

##### **Financial Reporting and Analysis: 3-0-3**

This course focuses on the interpretation of financial statement information for decision making. Topics include understanding the importance of industry context and the firm's own strategic choices in evaluating the financial statement; assessing the quality of financial statement information and recognizing situations where more stringent forensic accounting measures might be appropriate; evaluating profitability and risk; associating subsets of the available analytical tools with the kinds of decisions for which they are most appropriate; and recognizing the effects of GAAP on the input variables of various firm valuation models. Includes coverage of recent relevant legislation and pronouncements of the FASB, SEC, and IASB. Prerequisite(s): Admission to the MAcc program or permission of the director of the School of Accountancy.

#### ACCT 7230

##### **Accounting for Executives: 3-0-3**

A study of management accounting and control information. This course shows how to make pricing and product mix decisions, how to improve existing activities and processes, how to measure performance in decentralized operating units, and how to align organizational activities with long-term strategic objectives, both in a domestic and international setting. Prerequisite(s): Graduate standing and the completion of the MBA prerequisites, or permission of the COBA Director of Graduate Studies for non-MBA students.

#### ACCT 7330

##### **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 and admission to the MAcc program or permission of the director of the School of Accountancy.

#### ACCT 7331

##### **Taxation of Estates, Gifts, and Trusts: 3-0-3**

Covers transfers pursuant to estates and gifts as well as the taxation of both simple and complex trusts and estates. Prerequisite(s): A minimum grade of "C" in ACCT 3330 and admission to the MAcc program or permission of the director of the School of Accountancy.

#### ACCT 7332

##### **Advanced Tax Planning and Research: 3-0-3**

Advanced tax topics such as tax-free exchanges, including like-kind exchanges, involuntary conversions, exchanges pursuant to corporate reorganizations, mergers and acquisitions, as well as deferred compensation. Prerequisite(s): ACCT 7330.

#### ACCT 7334

##### **Tax Research: 3-0-3**

Application of research techniques to income tax and other tax planning; case studies and reports. This course provides the student with the opportunity to analyze, critique, and do practical tax research. Emphasis is placed on research methodology rather than on technical or legal knowledge of the tax law. Prerequisite(s): A minimum grade of "C" in ACCT 3330 and admission to the MAcc program.

#### ACCT 7430

##### **Seminar in Auditing: 3-0-3**

Advanced topics in independent, internal, and governmental auditing. Prerequisite(s): A minimum grade of "C" in ACCT 4430 and admission to the MAcc program or permission of the director of the School of Accountancy.

#### ACCT 7431

##### **Auditing Practice: 3-0-3**

Practical and theoretical components are considered related to auditing topics including auditing in the computer environment, conducting auditing research, and report writing. Prerequisite(s): ACCT 7430.

#### ACCT 7530

##### **Seminar in Accounting Information Systems: 3-0-3**

Develops an understanding and appreciation for the design, analysis, development and implementation of computer-based accounting information systems with an emphasis on control and management issues of this accounting function. Practical application will be examined through computer projects and systems' cases. Prerequisite(s): A minimum grade of "C" in ACCT 4130 and admission to the MAcc program or permission of the director of the School of Accountancy.

#### ACCT 7634

##### **Fraudulent Financial Reporting: 3-0-3**

While asset theft fraud is well covered in the two fraud examination courses, additional training in financial statement fraud is needed due to the technical nature of accounting and reporting standards. This course demonstrates how financial statement analysis can be used to uncover fraudulent financial reporting. In addition, the most common methods for "cooking the books" will be examined along with strategies for detecting and investigating such schemes. Prerequisite(s): A minimum grade of "C" in ACCT 4133 and admission to the MAcc program or permission of the director of the School of Accountancy.

#### ACCT 7635

##### **Fraud and Society: 3-0-3**

This course examines the numerous legislative, administrative, and other societal remedies that have emerged in response to white-collar crime. Such remedies encompass securities fraud, pension fraud, environmental crimes, anti-trust violations, bribery, money laundering, and corporate governance (e.g. Sarbanes-Oxley Act of 2002). Prerequisite(s): Admission to the MAcc program or permission of the director of the School of Accountancy.

#### ACCT 7636

##### **Expert Witnessing: 3-0-3**

This course examines the role of accountants as either testifying or consulting experts in legal disputes involving professional negligence cases securities fraud, business/partnership disputes, business interruption losses, business valuations, and marital disputes. Topics include how to communicate opinions effectively at deposition, at trial, and in a written report; the law and procedure dealing with experts; ethics; and how to deal with attorneys. Prerequisite(s): Admission to the MAcc program or permission of the director of the School of Accountancy.

#### ACCT 7637

##### **Forensic Accounting Capstone: 3-0-3**

This is an integrative capstone course with potentially many modes of delivery including instruction from multiple professors, use of comprehensive cases, mock trials, and panel and round robin discussions of current issues. Guest speakers may present, or students may report on various projects that they have been conducting either independently or in groups. Students may be assigned projects designed to assist in their preparation to sit for the Certified Fraud Examiner (CFE) exam. To successfully complete this course, student must demonstrate a growing mastery of the skills required of the forensic accountant. Prerequisite(s): A minimum grade of "C" in ACCT 7634, ACCT 7635, ACCT 7636, and graduate standing.

#### ACCT 7638

##### **Business Valuation: 3-0-3**

This class focuses on determining the fair values of individual tangible and intangible assets as well as the overall value of a business and includes calculating fair values for financial reporting. The three valuation approaches (Market Approach, Income Approach, and Asset Approach) are covered in depth along with the professional standards, developing the cost of capital, and applying valuation adjustments (discounts and premiums). Prerequisite(s): A minimum grade of "C" in ACCT 4133 and admission to the MAcc program.

#### ACCT 7680

##### **Professional Problems: 3-0-3**

The course is a comprehensive update of accounting regulations, laws, and standards. Prerequisite(s): Graduate standing.

#### **ACCT 7730**

##### **Internship in Accounting: 0-0-3**

A supervised work-study program of specified length in selected business and accounting firms. Prerequisite(s): Admission to the MAcc program or permission of the director of the School of Accountancy.

#### **ACCT 7899/7899S**

##### **Directed Study in Accounting: (1-3)-0-(1-3)**

Designed for independent study and research in selected areas of accounting under faculty supervision. Prerequisite(s): Graduate standing and permission of instructor, director, and program advisor.

### **American Studies (Interdisciplinary)**

#### **AMST/GEOG 5130G**

##### **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 5131G**

##### **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 5133/5133G**

##### **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 5134G**

##### **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 5137G**

##### **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 5138G**

##### **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 5230G**

##### **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 5233G**

##### **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): ENGL 2111 or ENGL 2112.

#### **AMST/ENGL 5234G**

##### **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 5236G**

##### **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 5333G**

##### **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 5431G**

##### **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 5432G**

##### **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/ANTH 6131**

##### **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. Prerequisite(s): ANTH 1102 or permission of instructor.

#### **AMST/ANTH 6132**

##### **Southeastern Archeology: 3-0-3**

A study of 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.

**Anthropology (CLASS)****ANTH 5091G****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 5131G****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 5133G****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 5331G****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 5337G****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 5431G****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 5432G****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/AAST 5437G****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 5530G****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 6091****Selected Topics in Anthropology: (1-3)-0-(1-3)**

Various topics. Prerequisite(s): ANTH 1102 or permission of instructor.

**ANTH 6135****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 6231****Methods and Theory in Archeology: 3-0-3**

Examination and application of current topics in archeology relating to excavation strategy and interpretation. Analyzes various theoretical approaches as well as field techniques. Prerequisite(s): ANTH 1102 or permission of instructor.

**ANTH 6233****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 6235****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 a 4000 level archeology course or permission of instructor.

**ANTH 6262****Field Session in Archeology: 0-6-6**

On-site participation in the excavation of an archeological site including training in the physical and observational techniques of the extractive processes of archeological excavation. Experience in excavation, analysis, recording, and interpretation of archeological materials is provided. Prerequisite(s): ANTH 1102 or permission of instructor. Group size limited.

**ANTH 6330****Cultural Anthropology: 3-0-3**

Focuses on the nature of human culture and its role in shaping human behavior through the examination of particular culture systems selected from around the world. It examines the components of culture systems and how they develop, function, and change. Prerequisite(s): ANTH 1102 or permission of instructor.

**ANTH 6331****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 6337****Folklife: 3-0-3**

A survey of the creation and persistence of tradition in societies and of the process of change as demonstrated in such aspects as narrative, music, song celebration, festival, belief, and material culture. Emphasis will be given to understanding the multi-ethnic nature of the traditions in the U.S.A. Prerequisite(s): ANTH 1102 or permission of instructor.

**ANTH 6431****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 6435****Middle Eastern Cultures: 3-0-3**

An ethnological examination of the lifeways of the diverse peoples of the Middle East. The focus of the course will be on who the peoples of the Middle East are, how they live, and why they live as they do. Prerequisite(s): ANTH 1102 or permission of instructor.

**ANTH 6531****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): Prior or concurrent enrollment with a minimum grade of "C" in ANTH 7638, SOCI 7638, or POLS 7638.

**ANTH 6690****Archeology Field Supervision: 0-(3-9)-(3-9)**

This course is designed to give students who have already completed an archeological field experience a supervisory role in field investigations. They will be expected to participate in supervising pre-field preparations, fieldwork and post-field wrap-up.

**ANTH/POLS/SOCI/CRJU 7434****Quantitative Research Design: 3-0-3**

Study of the role of theory, research design, sampling, measurement and instrumentation, data collection, and ethical issues related to social scientific research.

**ANTH/POLS/SOCI/CRJU 7436****Qualitative Research Design: 3-0-3**

Analysis and practice of qualitative methodology in social science. Topics may include participant observation, ethnographic methods, interviews, case studies, content analysis, archival research, and other innovative techniques.

**ANTH 7631****Seminar in Anthropology: 3-0-3**

This course explores selected topics of contemporary relevance in anthropology which reflect the expertise of anthropology faculty and which are relevant to individual or small groups of students in their course of specialization in the graduate curricula of the University.

**ANTH 7632****Seminar in Archeology: 3-0-3**

This course explores selected topics in archeology of interest to individual or small groups of students which are relevant to their course of specialization in the graduate curricula of the University and which reflect the expertise of anthropology faculty.

**ANTH/POLS/SOCI 7638****Social Theory: 3-0-3**

This course examines the role of theory in the scientific endeavor and explores a number of theoretical perspectives, including structural-

functionalism, conflict, feminist, exchange, rational choice, symbolic interaction, and the current debates over modernity and postmodernity.

**ANTH 7790****Practicum: (1-9)-0-(1-9)**

This course is designed as an educational placement to give graduate students a practical experience in a vocationally-appropriate setting.

**ANTH 7891****Independent Study in Anthropology: 0-(1-3)-(1-3)**

Independent examination of graduate course topics offered in the anthropology curriculum of the Department of Sociology and Anthropology following guidelines of the College of Graduate Studies. Prerequisite(s): Permission of instructor.

**ANTH 7999****Thesis: 0-(1-3)-(1-3)**

Planned research and writing directed by the student's thesis advisor.

**Art History (CLASS)****ART 7151****Design Activism: 2-3-3**

Students work together as one unit to investigate current social issues and how to bring about social change through design.

**ART 7152****Design & Semiotics: 2-3-3**

Theoretical and Philosophical principles of signs, signifiers and what is represented is applied to the study of how meaning is created in graphic design. Investigated through studio projects, students will create work that anchors or relays meaning in visual communication.

**ART 7153****Design Explorations: 2-3-3**

Theoretical and practical application of design problems.

**ART 7154****Design for the User: 2-3-3**

Focus is placed on the relationship between the user and the principles of tangible design. Coursework includes research of existing problems in design, what are the needs of the user, and how design can be restructured to fill those needs to improve user experience.

**ART 7190****2D Graduate Studio: 2-3-3**

Graduate studio research in the areas of drawing, painting, printmaking, paper and book arts.

**ART 7193****3D Graduate Studio: 2-3-3**

Graduate studio research in the areas of ceramics, jewelry/metals and sculpture.

**ART 7251****Design Communication: 2-3-3**

This course explores the problem-solving methods when fusing verbal and visual language into one cohesive body of work. Coursework will emphasize critical readings and analysis of design theories.

**ART 7252****Design Systems: 2-3-3**

Advanced explorations in branding and brand elements. Students will research critical issues in branding while developing a pliable brand that spans into a variety of collateral.

**ART 7253****Design Forms: 2-3-3**

Advanced experimentation of visual forms and aesthetics in design and how it impacts user interpretation and meaning.

#### **ART 7254**

##### **Design of Information: 2-3-3**

Advanced exploration into the theory and practice of information design. Students will research types of information, different information structures and how information can impact meaning and effectiveness.

#### **ART 7351**

##### **Design Methods: 2-3-3**

Advanced exploration of a variety of methods used to solve visual problems. This can include, but are not limited to, metaphor, rhetoric, deconstructive theory, and narrative.

#### **ART 7352**

##### **Design and Typographic Form: 2-3-3**

This course will integrate typographic theory in graphic design practice. Using typographic skills students will effectively apply type within various contexts, such as print, web, informational, and poetic. This course will emphasize the importance of content, audience, and purpose.

#### **ART 7353**

##### **Design Ethics: 2-3-3**

This course explores ethical issues relating to the current design community, from the graphic designer's relationship to other designers, to the clients of design, and the general public.

#### **ART 7354**

##### **Design Issues: 2-3-3**

This course explores critical issues within the design profession, and their impact on design and society. Students will become more aware of their priorities and goals as working designers, and develop broader awareness of their place as designers; and design's place in the culture. Issues reviewed in coursework will further graduate students' positions as responsible leaders within the professional community.

#### **ART 7377**

##### **Graphic Design Art History: 3-0-3**

This course is a survey of the history of graphic 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.

#### **ART 7435**

##### **Aesthetics and Criticism in Art Education: 3-0-3**

An introduction to basic issues related to the teaching aesthetics, art criticism, and art history to P-12 students. Students will design, implement, and evaluate developmentally appropriate instruction for teaching these issues.

#### **ART 7437**

##### **Arts Administration and Supervision: 3-0-3**

An introduction to a variety of organizational structures and managerial strategies in the arts field. Emphasizes the history and philosophy of arts administrators, the status and role of arts administrators, and implementation and assessment strategies in art institutions. Prerequisite(s): Ed. S. in Art Candidacy.

#### **ART 7530**

##### **Problems in Studio Pedagogy: 3-0-3**

The development of qualitative curricula as it relates to the pedagogy of a studio media for grades P-College. The student will develop a curriculum in a specific 2D or 3D media. Investigation includes planning, implementation, and evaluation of learning in relation to the studio skills, vocabulary, history, aesthetics, and criticism. Prerequisite(s): Graduate course work in at least two courses of one medium to be target of research.

#### **ART 7890/7890S**

##### **Professional Practices in Art: 3-0-(1-9)**

Strategies emerging artists need to know for career success including studio practices, finances, writing and securing grants, pursuing exhibitions and venues to sell artworks, copyright and legal issues for the artist, commission projects, marketing strategies, portfolio design collateral, and web presence. Prerequisite(s): Permission of instructor.

#### **ART 7899**

##### **Art History Travel Research: 3-0-3**

A study of important art works on location at museums, galleries, and other sites. Specific topics and locations to be announced. Prerequisite(s): Permission of instructor.

#### **ART 8030/8030S**

##### **Selected Topics in Art: 3-0-3**

Specific themes in the visual arts. Topics vary. Prerequisite(s): Permission of instructor.

#### **ART 8330**

##### **Museum Art Education: 3-0-3**

Gives a broad overview of museum art education. The history, theory, and practice of museum art education in North America will be investigated. A variety of learning experiences will be provided in order for students to plan, implement, and evaluate instructional art programs in museum settings.

#### **ART 8830**

##### **Readings and Research in Art: 3-0-3**

Classic and contemporary readings in the field and practice in research and writing standards for theses support paper. Prerequisite(s): Permission of instructor.

#### **ART 8999**

##### **Master of Fine Arts Thesis: 0-6-(1-6)**

Provides the Master of Fine Arts degree candidate the opportunity of presenting a visual thesis. The candidate will present an exhibition which will be supported by a written defense. A major professor will supervise the creation of the thesis work and the written documentation. Prerequisite(s): Permission of major professor.

### **Art History (CLASS)**

#### **ARTH 7231**

##### **Art and Architecture of the Ancient World: 3-0-3**

This course will encompass a study of the visual arts, primarily sculpture, painting, 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, 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.

#### **ARTH 7232**

##### **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.

#### **ARTH 7233**

##### **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.

**ARTH 7234****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.

**ARTH 7235****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, and Symbolism. The format of the course is lecture with discussion.

**ARTH 7236****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.

**ARTH 7237****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.

**ARTH 7238****African Art History: 3-0-3**

This course 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.

**ARTH 7239****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. Investigates the creativity and cultural identity of African Americans and their contributions to the visual culture in America. Format is lecture and discussion.

**ARTH 7330****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.

**ARTH 7630****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): Permission of instructor.

**ARTH 8630****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.

**ARTH 8831****Art History Research: 0-0-3**

Independent research and study on select topics in art history. Prerequisite(s): Permission of instructor.

**Astronomy (COSM)****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 5890G****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 5099G****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 5131G****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 5132G**

#### **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 5134G**

#### **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 5142G**

#### **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 5148G**

#### **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 5210G**

#### **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 5230G**

#### **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 5237G**

#### **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 5239G**

#### **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 5240G**

#### **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 5241G**

#### **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 5243G**

#### **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 5244G**

#### **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 5245G**

#### **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 5246G**

#### **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 5247G****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 5248G****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 5333G****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 5340G****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 5341G****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 5343G****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 5345G****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 5431G****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 5432G****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 5441G****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 5442G****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 5443G****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 with at least some on 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 5444G****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 5445G****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 5446G****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 5448G**

#### **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 5530G**

#### **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 5532G**

#### **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 5534G**

#### **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 5535G**

#### **Sex and Evolution: 3-0-3**

Focuses on the evolution of sex and the subsequent conflict that arises between sexes. Models for the evolution and maintenance of sexual reproduction are compared. Sex allocation theory is reviewed and special attention is drawn to genetic mechanisms that permit sex ratio of offspring to be manipulated. Sexual selection and mate choice tactics are evaluated with reference to empirical studies in behavioral ecology. 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 5537G**

#### **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 5540G**

#### **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 5541G**

#### **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 5542G**

#### **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 5543G**

#### **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. 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, junior standing, and permission of instructor(s).

### **BIOL 5544G**

#### **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 5546G**

#### **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 5547G**

#### **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 5644G**

#### **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 5645G**

#### **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.

### **BIOL 7090**

#### **Selected Topics/Biology: 3-3-4**

A course taught on a one-time basis. Prerequisite(s): BIOL 2131, BIOL 3132, BIOL 3133 or equivalent.

### **BIOL 7133**

#### **Molecular Biology: 3-0-3**

This course provides graduate students with a fundamental knowledge of how organisms operate at the molecular level. Emphasis is on relevant biological theory and techniques in the molecular field. Prerequisite(s): Graduate Status or permission of the Instructor.

### **BIOL 7135**

#### **Cytogenetics: 3-0-3**

Studies from a cytological aspect of eukaryotic chromosomes including chromosome structure, chromosomal aberrations, and chromosome mapping.

### **BIOL 7233**

#### **Applied Biology: 3-0-3**

Modern biological theory and technologies will be used to address applied questions related to conservation, restoration and environmental management. Emphasis will be on examining applicable, underlying theory with contemporary techniques and technologies to better understand and investigate solutions for relevant biological issues. Prerequisite(s): Graduate status or permission of the Instructor.

### **BIOL 7333**

#### **Evolutionary Ecology: 3-0-3**

Evolutionary Ecology is a quantitative examination of population growth, interspecific competition, predator-prey interaction, microevolution, and game theory relevant to sexual selection and sex ratio evolution. Topics are presented via spread sheet simulations of dynamic processes. Students will analyze and simulate models and solve problems based on algebraic theoretical models. Prerequisite(s): Graduate Status or permission of the Instructor.

### **BIOL 7440**

#### **Vector Ecology: 3-3-4**

Examines physiological, evolutionary, and ecological relationships between arthropod vectors, microbial pathogens they transmit and their vertebrate hosts.

### **BIOL 7531**

#### **Research Methods: 1-4-3**

A general introduction to biological research methods, including computer skills, web-based resources, oral and written scientific presentations, proposal writing, and the peer-review process. This course is designed for first-year M.S. students.

### **BIOL 7530**

#### **Biometry: 3-0-3**

Provides students with basic skills in the analysis of biological data. Lectures cover both parametric and nonparametric methods, with an emphasis on the practical problems posed by biological data. Prerequisite(s): Graduate status.

### **BIOL 7610**

#### **Graduate Seminar: 1-0-1**

An intensive study of an advanced biological topic covered by one or more members of the graduate faculty from the Department of Biology. The selected topic will vary from semester to semester. Required for the M.S. degree. Prerequisite(s): Graduate status.

### **BIOL 7890**

#### **Directed Individual Study: 0-0-(1-4)**

An independent or directed individual study supervised by a member of the graduate faculty of the Department of Biology. Prerequisite(s): Permission of the instructor and approval by the chair of the Department of Biology.

### **BIOL 7893**

#### **Biological Problems: 0-0-(1-4)**

Studies of biological problems in a specialized area of biology under the supervision of a member of the biology faculty. Prerequisite(s): Permission of the instructor and approval by the chair of the Department of Biology.

### **BIOL 7895**

#### **Research: 0-0-(1-3)**

Graduate students will pursue, under the direction of their advisory committee, a program of independent research in a particular area of biology. Results of the research will be presented as a thesis in partial fulfillment of the requirements for the Master of Science degree.

### **BIOL 7999**

#### **Thesis: (1-3)-0-(1-3)**

Results of individual research will be presented as a thesis in partial fulfillment of the Master of Science degree. The thesis requires defense of design, execution, analysis and interpretation of the research project.

## **Biostatistics (COPH)**

### **BIOS 6135**

#### **Topics of Inference in Biostatistics: 3-0-3**

This course provides an introduction to the fundamental knowledge of derivatives and integrals found in biostatistical inference. The course will introduce the theory of probability, expectation and variance of discrete and continuous distributions, moment generating functions, bivariate and multivariate distributions, maximum likelihood estimation, and bias. Emphasis will be placed on the development of critical thinking skills and how concepts in this course are used in public health and biomedical studies.

### **BIOS 6331**

#### **Regression Analysis in Biostatistics: 3-0-3**

This course introduces the methods for analyzing biomedical and health related data using linear regression models. The course will introduce the student to matrix algebra as used in linear models. The course will involve model selection, diagnosis and remedial techniques to correct for assumption violations. The students will learn how to apply SAS procedures PROC REG, PROC CORR, and PROC GLM and interpret the results of analysis. Emphasis will also be placed on the development of critical thinking skills. Prerequisite(s): A minimum grade of "B" in BIOS 6541.

### **BIOS 6332**

#### **Experimental Design in Biostatistics: 3-0-3**

This course introduces the student to experimental designs commonly used in public health and biomedical settings and the methods for analyzing them. It will introduce the student to the principles of designing an experiment (randomization, blocking and replication), completely randomized designs, factorial design, randomized block designs, nested

designs, split-plot designs, crossover designs, Latin squares and analysis of the longitudinal designs, a fixed effect (Model I) single factor and multifactor experiment, a random effect (Model II) single factor and multifactor experiment, a mixed effect (Model III) multifactor experiment, and covariance model. Students will learn how to apply SAS procedures: PROC GLM, PROC MIXED, PROC GENMOD, PROC VARCOMP, PROC RSREG and PROC MULTTEST to public health and biomedical data and interpret the results of the analysis. Prerequisite(s): A minimum grade of "B" in BIOS 6331.

### BIOS 6531

#### Categorical Data Analysis: 3-0-3

This course introduces statistical methods for analyzing both univariate and multivariate categorical and count data in public health, biomedical research, and other health-related fields. The course will introduce how to distinguish among the different measurement scales in addition to the commonly used statistical probability distribution and inference methods for categorical and count data. Emphasis will be placed on the application of the methodology and computational aspects rather than theory. The students will learn how to apply SAS procedures to data and interpret the results. Prerequisite(s): A minimum grade of "B" in BIOS 6541.

### BIOS 6541

#### Biostatistics for Biostatistics & Epidemiology Majors: 3-2-4

This course examines statistics in public health with particular emphasis on applications in Epidemiology and other public health and medical fields. Topics will include sampling, basic discrete and continuous distributions, descriptive statistics, hypotheses testing, confidence intervals, two-sample inferences, odds ratios, relative risks, Chi-square tests of independence, non-parametric methods, correlation, regression, ANOVA, and logistic regression. Emphasis will be on the development of critical thinking skills and epidemiologic and other health data analysis applications with computer software. Prerequisite(s): An undergraduate course in statistics or consent of the instructor.

### BIOS 7090

#### Selected Topics in Biostatistics: (1-3)-0-(1-3)

Allows the student the opportunity to receive specialized and/or focused instruction in a biostatistical topic not generally offered by the department. Prerequisite(s): Permission of instructor.

### BIOS 7131

#### Survival Analysis: 3-0-3

This course introduces statistical methods for analyzing data collected on the time to an event, referred to as survival data, in medical research and other health related fields. Emphasis will be placed on the application of the methodology and computational aspects rather than theory. The students will learn how to apply SAS procedures to data and interpret the results. Prerequisite(s): A minimum grade of "B" in BIOS 6331 and BIOS 6531.

### BIOS 7231

#### Clinical Trials Methodology: 3-0-3

Students are introduced to regulatory, scientific, statistical and practical aspects of methods inherent in design, monitoring and analyzing clinical trials. Clinical trials in many areas of drug development are presented, discussed and critiqued. Prerequisite(s): A minimum grade of "B" in BIOS 6541.

### BIOS 7331

#### Multivariate Analysis in Biostatistics: 3-0-3

This course is designed to provide students in biostatistics with an introduction to multivariate methods commonly found in health related fields. The course will emphasize multivariate regression, multivariate analysis of variance (MANOVA) and co-variance (MANCOVA), discriminant analysis and an alternative to logistic regression and cluster analysis. Students will be introduced to appropriate SAS procedures and be required to interpret and report their results in a form that meets both FDA and the International Committee on Harmonization. Prerequisite(s): A minimum grade of "B" in BIOS 6332.

### BIOS 7431

#### Statistical Issues in Drug Development: 3-0-3

Major statistical issues in the federal regulation of drug research and clinical development will be studied. Specifically, summarization, analysis and monitoring of adverse experiences, two treatment crossover designs, active control equivalence studies, optimization in clinical trials and combination drug development, dosing in the elderly, intention to treat in clinical trials, and dual control groups in rodent carcinogenicity studies will be studied. Prerequisite(s): A minimum grade of "B" in BIOS 6331 and BIOS 6332.

### BIOS 7433

#### Biopharmaceutical Statistics in Drug Development: 3-0-3

Statistical aspects of drug research and development, federal regulations, and marketing will be studied. Specifically, statistical methods useful in the areas of pharmaceutical discovery and optimization, assessment of pharmacological activity, pharmaceutical formulation, preclinical and clinical safety assessment, clinical development, bio-availability and bio-equivalence, clinical trials with quantitative and qualitative measurements, cancer clinical trials, and manufacturing and quality control processes will be studied. Prerequisite(s): A minimum grade of "B" in BIOS 6331 and BIOS 6332.

### BIOS 7534

#### Data Management for Biostatistics: 2-2-3

This course emphasizes data management and software applications using the SAS (Statistical Analysis System) software package. It will introduce the student to SAS codes for: inputting and outputting data, creating temporary and permanent data sets, creating formatted and labeled SAS data sets, merging and connecting SAS data sets, creating output using the TABULATE and REPORT procedures, debugging a SAS program that includes the TABULATE, REPORT and SQL procedures, using character functions in SAS, using a random number generator, probability distributions, arrays, and date and time functions. Students will also write a simple and complex query using the SQL procedure; create, populate and modify a set of tables/views using the SQL procedure; and create a SAS program which includes one or more macros. This course will cover basic relational database design and descriptive statistics in SAS. Particular focus is placed on applications pertaining to public health and biomedical research.

### BIOS 7535

#### Data Analysis with SAS: 3-0-3

The class is designed to provide skill building and practical experience in using SAS to: create analysis data files; analyze data such as that found in typical biostatistical consulting problems; and assess the validity of analysis methodology assumptions. Prerequisite(s): A minimum grade of "B" in BIOS 6541 and BIOS 7534.

### BIOS 7890

#### 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.

### BIOS 9130

#### Research Seminar in Biostatistics: 3-0-3

This course is designed to provide the student with the current best practices in biostatistical consulting. Topics include: Identifying and constructing appropriate questions to ask clients regarding their consultation request, an overview of appropriate statistical methods and SAS software procedures to use for specific study designs and statistical analysis of collected data, directing a consultation appointment without faculty lead, conducting exploratory data analyses, conducting effective analyses based on appropriate statistical methods and providing oral and written communication of statistical findings.

### BIOS 9131

#### Advanced Statistical Inference for Biostatistics I: 3-0-3

This course provides an advanced study of theoretical statistics. Topics include: an introduction probability and sample space, conditional probability and Bayes Theorem, probability distribution of a random

variable, discrete and continuous random variables, functions of random variables, moments and moment generating functions, order statistics and their distributions, discrete distributions, continuous distributions, bivariate and multivariate normal distribution, modes of convergence, limiting moment generating functions, and the central limit theorems.

**BIOS 9133****Advanced Statistical Inference for Biostatistics II: 3-0-3**

This course is a continuation of Advanced Statistical Inference for Biostatisticians I. The additional topics in this course consists of: sample moments and their distributions, the theory of point estimation, the Neyman-Pearson Theory of testing hypotheses, likelihood ratio test, chi-square tests, t-test, F-test, (Bayes ) and Minimax procedures in hypothesis testing, confidence estimation, the general linear hypothesis, and nonparametric statistical inference. Prerequisite(s): A minimum grade of "B" in BIOS 9131.

**BIOS 9231****Bayesian Statistics I: 3-0-3**

This course provides the student with an introduction Bayesian Analysis and compares Bayesian methods to that of frequentists. The course includes selection of prior distributions, computing posterior distributions, conjugate models, Beta-Binomial model, Normal-Normal model, and Gamma-Poisson model. Bayesian inference using point and interval estimation, Bayesian hierarchical models, and exchangeability will be explored. Topics including Empirical Bayes versus a fully Bayes approach, Markov Chain Monte Carlo methods and model checking using Bayes factors and sensitivity analyses will be included. Prerequisite(s): A minimum grade of "B" in BIOS 9131.

**BIOS 9233****Bayesian Statistics II: 3-0-3**

This course is a continuation of Bayesian Statistics I. In this course the student will study data collection and design of Bayesian analyses, including ignorability issues, normal linear regression under the Bayesian paradigm, Markov Chain Monte Carlo methods, including the Gibbs sampler and Metropolis-Hastings algorithms, model checking and sensitivity analysis for model robustness, and Bayesian generalized linear models. Prerequisite(s): A minimum grade of "B" in BIOS 9231.

**BIOS 9333****Applied Longitudinal Data Analysis: 3-0-3**

This course provides an introduction to longitudinal and clustered data. Topics include the basic concepts of longitudinal data, linear models for longitudinal data, generalized linear models and salient features, generalized estimating equations, generalized linear mixed effects models, missing data and dropouts, sample size and power, repeated measures, and multilevel linear models.

**BIOS 9331****Meta-Analysis: 3-0-3**

This course is designed to address research questions in biomedical and other health-related research using meta-analysis techniques. A survey of past and present challenges of such techniques will be addressed, as will a mixture of Frequentist and Bayesian approaches to meta-analysis. Typical research questions found in health-related issues such as prevention, diagnosis, treatment, and policy will be constructed, followed by the methodologies to analyze such health-related questions. The course will focus on modeling and implementation issues in meta-analysis for biostatistical applications. In particular, this course will emphasize such topics as heterogeneous study results, combining studies with different designs, advantages and disadvantages to using meta-analysis over large trials, meta-analysis for 2x2 tables with multiple treatment groups, meta-analysis of clinical trials, addressing biases, meta-analysis of patient survival data, among additional biomedical applications. Prerequisite(s): A minimum grade of "B" in BIOS 9131.

**BIOS 9431****Descriptive Biostatistics and Assumption Checking: 3-0-3**

This course will provide the student informative ways of presenting raw data, descriptive summaries of data: graphical and tabular, and diagnostic testing of assumptions underlying the validity of biostatistical methods.

**BIOS 9432****Randomization and Bootstrap Methods in Health Data: 3-0-3**

This course is designed to provide the student with the basics of randomization tests and bootstrap methods. This course will cover the following topics: Randomization tests, the jackknife, the bootstrap and its application to health related data, Monte Carlo tests, considerations when using randomization, jackknife and bootstrap methods, one and two sample tests, analysis of variance, regression analysis, survival data and multivariate data. Prerequisite(s): A minimum grade of "B" in BIOS 9131. Corequisite(s): BIOS 9231.

**BIOS 9433****Analysis with Missing and Mis-specified Data: 3-0-3**

This course is designed to provide the student with the basics of methods for analyzing data with missing data and mis-specified data. This course will cover the following topics: missing data in experiments, complete case analysis, weighted complete case analysis, available case analysis, single imputation methods such as mean, regression, last value varied forward, hot deck imputation, cold deck imputation, Bayes Imputation, Multiple imputation, and nonignorable missing data models. Prerequisite(s): A minimum grade of "B" in BIOS 9131. Corequisite(s): BIOS 9231.

**Business Administration (COBA)****BUSA 7030/7030S****Special Topics in Business: 3-0-3**

A standard course developed for a special or newly emerging topic that is in demand by MBA students. Lectures, group work, readings, research, and writing are required as in any other advanced elective course. Prerequisite(s): Cumulative graduate GPA of 3.0 or better, completion of the MBA prerequisites, and permission of the Director and instructor.

**BUSA 7130****International Business: 3-0-3**

This course presents fundamental considerations for managers of international trade operations, providing students with the experience of simulating the business of exporting. Prerequisite(s): Graduate standing and the completion of the MBA core or permission of the COBA Director of Graduate Studies for non-MBA students.

**BUSA 7314****Team Building: 1-0-1**

Designed to teach essential skills for teamwork.

**BUSA 7530/7530S****Global Business Strategy: 3-0-3**

This course focuses on global strategic management and encourages the analysis and development of business strategies within a global environment. Prerequisite(s): ACCT 7230, FINC 7231, MGNT 7430, MKTG 7431, graduate standing, and completion of MBA prerequisites, or permission of the COBA Director of Graduate Studies for non-MBA students.

**BUSA 7790****Internship in Business: 0-0-(3-6)**

A supervised work/study program in selected organizations throughout the U.S.A. and abroad. Any student enrolled in the internship program will be required to work for one full semester. Prerequisite(s): Cumulative graduate GPA of 3.0 or better, completion of the MBA prerequisites, and permission of the Director.

**BUSA 7890/7890S****Individual Research: (0-3)-0-(1-3)**

A guided individual research project that provides the student with an opportunity to explore a particular topic in-depth. Normally, the course would culminate in a research report or case study. Prerequisite(s): Graduate standing, completion of the MBA prerequisites, and permission of the Director.

**BUSA 9031****Seminar on Scientific Method, Theory, and Philosophy of Science: 3-0-3**

Theoretical foundations and frameworks common to business research. Historical and philosophy of science perspectives. Fundamentals of theory building and employing the scientific method as a research process. Prerequisite(s): Acceptance in Ph.D. in Logistics/Supply Chain Management.

**BUSA 9331****Business Research Methods: 3-0-3**

The course covers research design in business, collection of business data, analysis of experimental or survey data, interpretation of research findings, and presentation of results. Students will analyze real data sets and obtain significant business insights from analytical solutions. Prerequisite(s): A minimum grade of "B" in MGNT 7331 and graduate standing or permission of Director of COBA Graduate Studies.

**BUSA 9332****Applied Multivariate Methods for Business Research: 3-0-3**

The course teaches the process of multivariate data analysis for business research. The course focuses on the selection of the appropriate modeling technique and interpretation of the results. SPSS will be used in the course for model estimation. Students will analyze real data sets and prepare methodology and results appropriate for business journals. Prerequisite(s): A minimum grade of "B" in BUSA 9331.

**BUSA 9333****Advanced Multivariate Methods for Business: 3-0-3**

General linear models as applied to multiple regression and analysis of variance for analyzing surveys and experimental designs. One-way and factorial designs, preplanned versus post-hoc contrasts. Random factors and repeated measures. Prerequisite(s): A minimum grade of "B" in BUSA 9331 and BUSA 9332.

**BUSA 9334****Qualitative Research Methods in Business: 3-0-3**

This course helps students develop their research skills in qualitative methods. It focuses on the application of qualitative methods in business case studies. Students will learn how to design a qualitative research, collect qualitative data, analyze qualitative data, and make valid inference in order to solve practical business problems. Prerequisite(s): A minimum grade of "B" in BUSA 9331, BUSA 9332, and BUSA 9333.

**Community Health: Behavior and Education (COPH)****CHBE 9130****Research Methods in Community and Behavioral Health: 3-0-3**

This course introduces doctoral students to research methods in health science. Development and presentation of research proposals will be the focus of the course. Additional emphasis will be placed on writing skills in research and grant applications.

**CHBE 9132****Ecological Determinants of Public Health: 3-0-3**

The course provides students with an examination of the social and behavioral determinants of health at all ecological levels and their relationships with health equity. It also explores social and behavioral interventions to address community health inequity at multiple ecological levels (individual through policy).

**CHBE 9230****Community-Based Public Health Program Planning and Evaluation: 3-0-3**

This course introduces students to the theory and application of community-based program planning and evaluation. Concepts in community assessment, organization, and mobilization for the purpose of addressing

identified public health concerns will serve as the foundation for the public health planning process. Appropriate techniques of partnership building, planning strategies, data collection, data analysis, and evidence-based decision making will also be introduced.

**CHBE 9235****Communication and Advocacy: 3-0-3**

This course will provide students with the ability to evaluate the history and current applications of health communication theory and strategies to public health practice and research. Emphasis is placed on use of health communication theory and strategies designed to create change across the ecological spectrum, from individual to policy levels. Students will gain the skills to structure, develop, implement and evaluate social marketing, media advocacy, risk communication, and advocacy efforts for policy change. In addition, ability to lead systematic qualitative and mixed method data collection processes involving interviewing skills, participant observation and focus group development will be developed. Emphasis is placed on critical thinking skills to help students analyze and utilize these skills in research and practice in diverse public health settings.

**CHBE 9331****Health Disparities and the Rural Underserved: 3-0-3**

This course provides an in-depth look at health disparities, including factors related to the history, politics, socioeconomic, race/ethnicity, and access to and utilization of health care. The extant literature in each of these areas will be examined and discussed.

**CHBE 9335****Global Health and Preparedness: 3-0-3**

This course will focus on global public health and preparedness for domestic and global emergencies. Students will explore patterns of health and disease around the world, and compare them to public health issues in the United States. An ecological framework will be employed to illustrate the complex political, social, economic, and environmental determinants of global health inequity. Concepts from the social sciences, epidemiology, health systems, and policymaking will be incorporated. The course will emphasize issues related to humanitarian emergencies and natural disasters both globally and domestically, and the need to build public health infrastructure and preparedness to mitigate them.

**CHBE 9630****Doctoral Seminar in Community Health: 3-0-3**

This course will provide students with the opportunity to analyze the history and current applications of social and behavioral science theories, approaches, models, and strategies (learned throughout the curriculum) to public health practice and research. This seminar will examine the breadth of epistemologies employed as we develop effective methods to create change across the ecological spectrum, from individual to policy levels. Emphasis will be placed on critical thinking skills to help students engage in dialogue about what will be effective research and practice in diverse public health settings over the next ten years.

**Chemistry (COSM)****CHEM 5233G****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 5331G****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 will 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 5332G****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 5333G****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 5531G****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 5541G****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 5542G****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.

**CHEM 6130****Industrial Science: 3-0-3**

This course will provide an overview of the chemical industry, focusing on the chemistries located in the Southern US. Topics to be covered will be the origin and manufacture of basic petroleum feedstocks and petrochemicals; catalysis; pulp and paper chemistry; polymers and plastics; adhesives, sealants, and glues; agricultural chemistry, green chemistry, and nuclear chemistry. Financial analysis, costs, and intellectual property will be discussed. The impact of these industries on the economy of the Southern United States will also be addressed. Prerequisite(s): A minimum grade of "C" in CHEM 3342 or equivalent.

**CHEM 6230****Scientific Inquiry and Ethics: 3-0-3**

This course will provide a foundation in modern research methods, data handling and analysis, and a grounding in the current standards for scientifically ethical behavior and publishing.

**CHEM 6730****Master of Science in Physical Science Internship: 0-3-3**

This course is the required internship for the Master of Science in Physical Science (MSPS) degree. Students will apply their skills and knowledge to a current problem in a professional setting, either on campus or at the site of a participating sponsor.

**CHEM 7031****Molecular Visualization: 0-3-9**

Focuses on computer skills related to building and presenting molecular information in the High School Science context. All content will be introduced through tutorial exercises provided as handouts. Intended as an elective in Chemistry for graduate students in the M.Ed. and Ed.S. Science Education programs.

**CHEM 7042****Chemistry for Secondary Teachers: 2-4-4**

This course will emphasize the skills necessary to create and execute effective physical science demonstrations and laboratory experiments appropriate for secondary students, using common, inexpensive, easily-purchased, and easily-disposed of materials. Lab periods will be used to develop and implement demos and experiments based on the topics covered in lecture. This course is intended as a Chemistry elective for graduate students in the M.Ed. And Ed.S. Science Education Programs. Prerequisite(s): 1 year of college chemistry.

**CHEM 7090****Selected Topics/Chemistry: 3-(0-3)-(3-4)**

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. Prerequisite(s): Permission of instructor.

**CHEM 7130****Sustainability in the Physical Sciences: 3-0-3**

This course will provide an overview of sustainability, including current standards of sustainability, quantitative methods of measurement, and current applications of sustainable practices. The twelve Principles of Green Chemistry and Engineering will form the foundation of this course. Case studies, analysis of sustainability trends and common practices, and future research will be covered. Lifecycle analysis, current best practices in sustainability, the triple bottom line, social impacts of sustainability, and other topics will be discussed.

**CHEM 7610****Graduate Seminar: 1-0-1**

This course will provide an intensive study of an advanced chemistry topic covered by one or more members of the graduate faculty from the Department of Chemistry. The selected topic will vary from semester to semester. Required for the thesis track of the Master of Science in Physical Science degree. Prerequisite(s): Graduate Status.

**CHEM 7999****Thesis: 0-(1-3)-(1-3)**

Results of an individual, independent research project will be presented as a thesis in partial fulfillment of the Master of Science in Physical Science degree. The thesis requires defense of the design, execution, analysis, and interpretation of the research project. Prerequisite(s): Graduate status.

**Child and Family Development (CHHS)****CHFD 6130****Parent Education: 3-0-3**

Application of theory, research and developmental practice to : 1) understand the role of parents, teachers and community leaders in guiding the behavior of children from birth to adolescence; 2) establish mutually satisfying parent-child relationships throughout the life cycle; and 3) explore programs for parents and parental interactions with schools and other institutions. Prerequisite(s): Successful completion of the M.Ed. core curriculum.

**CHFD 6131****Assessment of Children's Development: 3-0-3**

This course will prepare the graduate student to evaluate development and learning in the social, affective, physical and cognitive domains. Students will examine classroom and standardized assessment procedures as they relate to developmentally appropriate practices. Students will administer and score tests and then interpret results using a variety of assessment

techniques. Prerequisite(s): Early Childhood Education majors masters core courses and ECED 7131; Family and Consumer Sciences majors undergraduate or graduate course in Child Development, undergraduate or graduate course in Assessment or Research Methods; or permission of instructor.

#### **CHFD 7090**

##### **Selected Topics in Child and Family Development: (1-3)-0-(1-3)**

Provides the student with an opportunity for in-depth study of selected topics in Child and Family Development. Prerequisite(s): Permission of instructor.

### **Computer Information Systems (COBA)**

#### **CISM 6120**

##### **Technology for Executives: 2-0-2**

Examines the role of information technology (IT) in business and how IT is used to solve business problems. Fundamental grounding in key areas of IT (hardware, software, data resources, and networks) is provided, with the emphasis on how IT affects an organization, its employees and its competitive position. The challenges and opportunities related to networked enterprises and global markets are also explored. A variety of software tools are used to create solutions to traditional business problems, with the focus on the application of problem solving and critical thinking skills, rather than the achievement of computer literacy.

#### **CISM 7030**

##### **Special Topics in Information Systems: (0-3)-(0-3)-3**

Provides the student with an opportunity for in-depth study of selected topics in Information Systems. Prerequisite(s): Graduate standing and completion of MBA prerequisites or permission of the COBA Director of Graduate Studies for non-MBA students.

#### **CISM 7131**

##### **Survey of Digital Forensics: 3-0-3**

This course will survey the current digital environment as it relates to financial and business fraud. Topics will include a survey of the forensic investigative process for digital evidence, case studies of investigations where proper data handling and analysis resulted in positive investigative results, an overview of best practices for evidence presentation, and analysis of current events and investigations from open sources. Prerequisite(s): Admission to MAcc program or permission of the director of the School of Accountancy.

#### **CISM 7231**

##### **ERP Business Process Analysis Using SAP: 0-0-3**

Many business organizations have adopted enterprise resource planning (ERP) systems, such as SAP, to provide a platform for supporting and integrating core business processes such as accounting and finance, procurement, production planning, material management, and sales and distribution. This course focuses on Enterprise Resource Planning (ERP) systems and utilizes SAP to illustrate how ERP systems are employed in business organizations to support business processes. At the end of the course, students will have an overview of ERP characteristics, components and benefits; they will be familiar with the SAP graphical user interface (GUI) and navigation. Prerequisite(s): Graduate standing. CISM 7330 is recommended.

#### **CISM 7235**

##### **ERP Customization for SAP: 0-0-3**

This course focuses on how and why ERP systems are customized to extend their support business processes and employs SAP customization tools to illustrate key course concepts. The characteristics and benefits of enterprise portals are examined along with the tools and processes used to implement and measure their success. Prerequisite(s): Graduate standing. CISM 7330 is recommended.

#### **CISM 7330**

##### **Information Technology Management: 3-0-3**

Designed to enable the manager to effectively utilize and manage information technology in the applied business environment. The course focuses on the managerial, not the technical aspects of information management. No prior technical expertise is required. Relevant readings and cases are used to apply the concepts and techniques presented in the course. Prerequisite(s): Graduate standing and the completion of the MBA prerequisites, or permission of the Director of COBA Graduate Studies for non-MBA students.

#### **CISM 7331**

##### **Enterprise Systems Analysis: 3-0-3**

This course emphasizes the methods, techniques, and tools of analyzing and designing an enterprise information system. Topics include design methodologies, data collection and analysis techniques, and design tools. Students will analyze problems of the current enterprise system, propose alternatives to resolve the problems, and implement their design to change/replace the current system. The implementation will be supported by modern enterprise resource planning tools: such as SAP R/3. Prerequisite(s): Graduate standing and the completion of the MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

#### **CISM 7332**

##### **Enterprise Data Management: 3-0-3**

This course examines the design and use issues underlying relational, object-oriented and multidatabase management systems. Design and implementation methods are examined with the support of modern software tools, such as Oracle. Data management issues are addressed, including modern data storage infrastructure technologies (such as Data Warehousing, and SANs), the role of metadata, and storage of semi-structured data. Prerequisite(s): Prior completion of CISM 7330 and CISM 7331 is recommended.

#### **CISM 7333**

##### **Digital Commerce: 3-0-3**

This course aims to provide students with an introduction to the issues that surround the management of digital commerce technologies within the business environment. Topics include global issues of E-Commerce, Internet business models, online marketing, mobile and ubiquitous commerce, W3C E-Commerce standards, electronic payments, and online agent technologies. Prerequisite(s): Prior completion of CISM 7330 and CISM 7331 is recommended.

#### **CISM 7334**

##### **IT Strategy and Policy: 3-0-3**

This course emphasizes competitive advantage as a driver in information systems design and deployment. Among topics examined are: achieving sustainable competitive advantage via IT, how IT can be used to create business value, measuring returns on IT investments, developing an IT strategic plan, alignment of IT with corporate strategy, IT governance and ethics, outsourcing IT, developing IT as an organizational core competency, and improving business processes through the application of IT. Prerequisite(s): Prior completion of CISM 7330 and CISM 7331 is recommended.

#### **CISM 7335**

##### **Business Intelligence and Performance Management Systems: 3-0-3**

This courses focuses on the process of decision making, decision support systems, data warehousing, extraction, transformation and load (ETL) processes, on-line analytical processing (OLAP), enterprise performance management systems, and data mining. A number of software products from SAP are featured in this course, as well as software from other vendors. Prerequisite(s): Graduate standing and the completion of the MBA prerequisites or permission of the IS Department chair for non-MBA students. CISM 7330 is recommended.

#### **CISM 7336**

##### **Enterprise Information Systems: 3-0-3**

Many organizations use large enterprise information systems, such as SAP, as the core of the financial, human resource, logistics, and manufacturing

information systems. This course focuses on Enterprise Resource Planning (ERP) using SAP, along with Enterprise Architecture and other methods to implement an enterprise information solution. Special topics include managing SAP projects successfully. Prerequisite(s): Graduate standing. CISM 7330 is recommended.

#### **CISM 7339**

##### **ERP Certification Review: 3-0-3**

This course focuses the integration of business processes within SAP and prepares students for SAP's C\_TERP10\_60 certification exam. It serves as a capstone course for the ERP Certificate program and components of other graduate programs that include multiple courses that expose students to SAP. Prerequisite(s): Graduate standing. Completion of CISM 7231 recommended.

#### **CISM/MGNT 7431**

##### **Project Management: 3-0-3**

This course focuses on the principles and processes of project management using a systematic approach to problem solving. The project management body of knowledge areas (PMBOK) is covered, along with project management life cycle in addition to traditional project management (e.g., efficiency of the project, operational performance, planning, meeting time and budget goals). This course will give special emphasis to the management of implementation projects relevant to the students' majors, e.g. Enterprise Resource Planning (ERP) for Information Systems students or Total Quality Management (TQM) for Management students. Students are also taught how to use computer software to facilitate project management, and obtaining project management certification is emphasized. Prerequisite(s): A minimum grade of "B" in CISM 7330, graduate standing, and the completion of the MBA prerequisites or permission of the IS Department chair for non-MBA students. Prior completion of CISM 7331 is recommended.

#### **CISM 9630**

##### **Information Systems Theories and Research: 3-0-3**

This course will provide doctoral students with an overview of information systems theory and current research in information systems, which will provide students the foundational knowledge to perform cross-disciplinary research between the fields of IS and other disciplines, such as Logistics/SCM. Prerequisite(s): Doctoral standing and acceptance to Ph.D. program in Logistics/SCM.

#### **CISM 9631**

##### **Seminar in Supply Chain Information Systems: 3-0-3**

This course provides an overview of supply chain information systems and the critical role that these systems play in the ability of firms to reduce costs and increase the responsiveness of their supply chain. The value and competitive advantage of integrated supply chain management systems will be stressed along with the importance of enterprise resource planning, supply chain planning, warehouse management, and network modeling systems. SAP's SCM solutions and roadmap will be featured and emerging technologies capable of transforming supply chain operations and management will be explored.

#### **CISM 9632**

##### **Enterprise Information Systems Theory and Practice: 3-0-3**

This course will provide doctoral students with an overview of current research in Enterprise Information Systems, with special emphasis on ERP (Enterprise Resource Planning) systems. This course will emphasize the design, implementation, and management aspects of these systems (e.g., EIS project management, architecture). Completion of this course will prepare doctoral students to perform research within the EIS subfield. Prerequisite(s): Doctoral standing and acceptance to Ph.D. program in Logistics/SCM. CISM 9630 recommended.

### **Community Health Education (COPH)**

#### **COHE 6130**

##### **Research Methods in Health Science: 3-0-3**

Introduces students to research methods in health science. Development and presentation of practicum and research proposals will be the focus of the

course. Additional emphasis will be placed on writing skills in research and grant applications. Prerequisite(s): Undergraduate course in research methods or permission of instructor.

#### **COHE 7090**

##### **Selected Topics in Community Health Education: (1-3)-0-(1-3)**

Allows the student the opportunity to receive specialized and/or focused instruction in a community health topic not generally offered by the department. Prerequisite(s): Permission of instructor.

#### **COHE 7232**

##### **Health Promotion Planning: 3-0-3**

Introduces the student to the theory and application of planning and evaluation principles. Planning and evaluation skills will be developed that can be utilized in a variety of health-related settings. Familiarizes students with theories and models from the social and behavioral sciences and health education used in behavior change interventions. Emphasizes the planning and implementing of community health interventions at multiple ecological levels.

#### **COHE 7233**

##### **Ecologically Focused Program Evaluation: 3-0-3**

This course provides an overview of the principles of program evaluation. It explores the methods associated with systematic evaluation of public health education programs. Students will learn the skills needed to plan, conduct, and critique evaluation research. The content of the course includes: program logic models, formative, process, impact, outcome, and summative evaluation; theory driven evaluation; a review of validity issues as they relate to evaluation; sampling in a complex context; operationalizing variables; assessment of measurement instruments; and analysis of quantitative evaluation designs. In addition, issues that impact evaluation across the ecological model, specifically the importance of context and equity issues, will be examined. Qualitative methods used in program evaluation and mixed method designs for evaluation will be highlighted. Supporting the needs of all stakeholders in the evaluation will be emphasized. Prerequisite(s): A minimum grade of "B" in COHE 7232.

#### **COHE 7234**

##### **Community Health Analysis: 3-0-3**

Advanced concepts in the purpose and methods of community health organization, social action, organizational development, policy influence, capacity building, community diagnosis (needs assessment), social networking and coalition formation to bring about health behavior change and improved quality of life. Special focus on the application of methods presented to develop and enhance community health education intervention efforts. Prerequisite(s): Undergraduate course in health promotion planning and evaluation or permission of instructor.

#### **COHE 7237**

##### **Rural Community Health Issues: 3-0-3**

A study of social, economic, political and cultural influences that impact the health of individuals and families in rural communities. Designed for health professionals, this course focuses on improving health status and developing culturally appropriate and effective interventions and services in rural settings.

#### **COHE 7238**

##### **Communication for Change: 3-0-3**

This course is designed to familiarize students with the history and current applications of health communication theory and strategies to public health practice and research. This course examines how to structure, develop and evaluate social marketing, media advocacy, risk communication and advocacy skills for change. In addition, systematic qualitative data collection processes such as interviewing skills, participant observation and focus groups will be developed. Emphasis is placed on critical thinking skills to help students analyze and utilize these skills in research and practice.

#### **COHE 7890**

##### **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.

## Comparative Literature (CLASS)

### COML/ENGL 5330G

#### 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 5536G

#### 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).

### COML/ENGL/RELS 5530G

#### 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).

## Counseling Education (COE)

### COUN 7131

#### Student Services in Higher Education: 3-0-3

Covers the student services associated with divisions of student affairs in higher education settings. It is designed to trace the development of student services, to understand the philosophy, and to explore the issues that face student affairs professionals in higher education settings.

### COUN 7132

#### Contemporary College Student: 3-0-3

Examines trends and changes in the characteristics of college students and institutions they attend (cohort changes), research issues related to college impact research (student change), and emerging theories and methodologies that address the consequences of attending college. It is intended to provide a broad introduction to research on students in a broad range of developmental and sociological areas.

### COUN 7133

#### Administration and Leadership in Higher Education Student Services: 3-0-3

Introduces student to the administrative aspects of student affairs. It will include an overview of organizational structures, organizational change, personnel issues, leadership, program planning and evaluation, selected legal and ethical issues, and basic budget information. It also includes strategies related to professional development.

### COUN 7134

#### Ethical and Professional Issues in Student Services: 3-0-3

Designed to inform students in some depth of ethical standards, laws, ordinances and statutes that govern professional behavior. Specific topics

and cases explored will include professional practice and ethics involving professional responsibilities, confidentiality and violations. Also addressed will be licensure laws, as well as, parameters of related practice procedures. Prerequisite(s): COUN 7131.

### COUN 7231

#### Foundations of Clinical Mental Health Counseling and Program Management: 3-0-3

Provides an overview of clinical mental health counseling. Includes a survey of theoretical foundations, research and practice, and ethical and legal issues in clinical mental health counseling. Topics covered include the role of the clinical mental health counselor, program development and management, outreach to vulnerable client populations, preventive education, client advocacy, referral practices, consultation and the adaptation of clinical mental health counseling models in community mental health agencies.

### COUN 7232

#### Addiction Counseling: 3-0-3

Surveys aspects of alcohol and drug abuse and assists in understanding the process of addiction and in developing skills for identifying clients with chemical dependencies and/or eating disorders. Addresses the role counselors, teachers, and professionals can play in prevention, treatment and recovery process including appropriate resources.

### COUN 7233

#### Family Counseling: 3-0-3

Examines the family as a system. How it affects the client, how the client affects its family system and communication theories will be presented with specific attention to the student's awareness of their own family's system as a base from which they can develop an approach for understanding and working with families. The utilization of family counseling techniques in a variety of settings will also be examined. Didactic presentations, role playing, and work with simulated families will be utilized. Prerequisite(s): COUN 7332.

### COUN 7234

#### Counseling Assessment, Diagnosis and Intervention: 3-0-3

This course is designed to provide students with an opportunity to develop a knowledge base regarding the nomenclature and criteria imperative in the analysis and diagnosis of mental disorders. Additionally students will develop an understanding of the professional identity and role of counselors as it relates to assessment, diagnosis, and intervention. Students will also have an opportunity to develop a knowledge based for treatment planning and treatment documentation. Crises intervention assessment and techniques will also be addressed.

### COUN 7235

#### Short Term Counseling Strategies: Brief Solution Counseling, Rational Emotive Behavioral Therapy and Motivational Interviewing: 3-0-3

This course provides an in-depth look at the theory and practice of brief therapies as applied to alcohol and drug dependency and other individual, family and group concerns. Students will be presented with models of Rational Emotive Behavior Therapy (REBT), Brief Solution Focused Therapy, and Motivational Interviewing. The course will also examine therapeutic strategies, and the process of counseling. Course provides a base from which the student can build an understanding of the practice of REBT, Solution Focus Therapy, and Motivational Interviewing in community mental health and school counseling settings. The course will also discuss multicultural and ethical issues in practicing short term counseling strategies in working with addictive populations. Prerequisite(s): A minimum grade of "B" in COUN 7231, COUN 7332, COUN 7333, and proof of liability insurance.

### COUN 7236

#### Human Sexuality and Counseling: 3-0-3

This course is designed for clinical mental health counseling professionals whose work will bring them into contact with clients experiencing problems and concerns with their sexuality. The course will explore the interaction of biological, sociological, cultural and spiritual/ethical issues related to sexuality and counseling. This course also examines the expression of

human sexuality and intimacy across the life span, attitudes about sexuality, common problems of sexual functioning and counseling interventions. Students will assess personal values and the process of sexual value development as well as review outcome research on current treatment models. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in COUN 7737.

#### **COUN 7332**

##### **Theories of Counseling: 3-0-3**

Study of the nature of counseling, alternative theoretical strategies and the process of counseling. Provides a base from which the student can build a personal theory of counseling.

#### **COUN 7333**

##### **Models and Techniques of Counseling: 3-0-3**

Systematic, developmental counseling models are presented in which theoretical approaches may be practiced. Role playing and other experimental techniques are utilized to demonstrate effective counselor/client relationships and processes. Pre-practicum activities include analysis of audio and video taped counseling sessions. Prerequisite(s): COUN 7332 and proof of professional liability insurance coverage.

#### **COUN 7334**

##### **Group Dynamics: 3-0-3**

Designed to provide an understanding of group development, dynamics, counseling theories, group counseling methods and skills and other group work approaches. Prerequisite(s): A minimum grade of "C" in COUN 7332. Corequisite(s): COUN 7333.

#### **COUN 7335**

##### **Individual Analysis: 3-0-3**

Cognitive and affective group and individual test instruments and techniques used for individual analysis in counseling and in educational psychology and for instructional and administrative purposes.

#### **COUN 7336**

##### **Career Counseling: 3-0-3**

The career counselor facilitates career development based on knowledge of the strengths and limitations of the career theories, self assessment strategies, knowledge of the world of work and resources. The ability to identify needs/issues and develop intervention which assist diverse populations is also stressed.

#### **COUN 7337**

##### **Cross Cultural Counseling: 3-0-3**

Builds cross cultural counseling skills. Will familiarize students with theories, counseling techniques, skill development and a wide range of issues regarding ethical and effective counseling in a world of cultural differences. Emphasis is placed on expanding cultural awareness, knowledge and skill building in order to facilitate an appreciation of cultural, racial, ethnic, age, gender and sexual preference issues. Prerequisite(s): COUN 7333 and proof of professional liability insurance.

#### **COUN 7338**

##### **Life Span Development: 3-0-3**

Developmental processes throughout the life span are covered in the physical, cognitive and social/emotional areas. Theoretical and practical instruction are designed for application of developmental research and theory to counseling and related educational settings.

#### **COUN 7437**

##### **School Counseling Program Coordination and Curriculum: 3-0-3**

This course examines the organization of comprehensive, developmental school counseling programs in the elementary, middle and high schools, as well as the design and implementation of the school counseling curriculum for grades P-12. The counselor's role as program coordinator focuses upon needs assessments, curriculum planning and implementation, time and resource management, public relations, and program evaluation. Ethical and diversity issues are emphasized in designing curricula and delivery

strategies to address the developmental needs of all students. Prerequisite(s): A minimum grade of "C" in COUN 7445 or by permission of the instructor.

#### **COUN 7445**

##### **Ethics and Foundations of School Counseling: 4-0-4**

The course is designed to introduce students to the ethical standards that govern the school counseling profession. The course also is designed to introduce students to the profession of school counseling and a comprehensive, developmental school counseling program. The history and development of the profession, national associations, and standards for counselor preparation and credentials are examined as well as school counselor roles, functions and responsibilities. Special attention will be given to students' introduction to school systems through field observations, inclusive of the concepts of advocacy and social justice. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in COUN 7332 or by permission of the instructor.

#### **COUN 7448**

##### **Leadership, Consultation and Intervention in the Schools: 4-0-4**

This course provides a general framework for understanding and practicing various theories and models of consultation and potential interventions in P-12 systems. Designed to train school counselors how to intervene with children and adolescents presenting with learning disabilities and behavioral and emotional disorders at school, strategies are explored that counselors, teachers, and parents can use to prevent, recognize, and assist students at risk of developing emotional or behavioral barriers to learning connected to abuse, violence, addictions, childhood depression, suicide, etc. The role of leadership in school reform as it pertains to the issues and barriers which may affect student development and functioning are explored. This course is designed to be taken concurrently with Internship I as field experience is integral to the course work. Prerequisite(s): A minimum grade of "C" in COUN 7437 and COUN 7445, or by permission of the instructor. Corequisite(s): COUN 7738 or COUN 7739.

#### **COUN 7449**

##### **Family/School/Community Collaboration: 4-0-4**

This course will serve as a culminating experience for the student's work in the school counseling program. Previous topics will be reinforced and integrated, providing the student with a comprehensive knowledge base in professional school counseling that will facilitate his or her transition into the field. A systemic perspective of schools and the counselor's role as a coordinator and change agent will be emphasized. Special attention will be given to the concept of advocacy and the priorities of creating a comprehensive, developmental school counseling program that meets the needs of all students. This course is designed to be taken concurrently with Internship II, as field experience is an integral component of the course work. As a capstone experience, students will present a cumulative portfolio of their work at the conclusion of this course. Prerequisite(s): A minimum grade of "C" in COUN 7445 and COUN 7437, or by permission of the instructor. Corequisite(s): COUN 7739 or COUN 7738.

#### **COUN 7737**

##### **Practicum: 1-3-3**

Areas covered in this course are application and critical evaluation of all counseling skills in practical situations with provision of clinical experiences under supervision for a total of 100 clock hours, 40 of which will be direct service work with clients. Individual and group counseling will be audio and/or video taped, critiques and evaluated. Prerequisite(s): COUN 7332, COUN 7333, COUN 7334, and proof of professional liability insurance coverage.

#### **COUN 7738**

##### **Internship I: 1-20-3**

Primary emphasis is on the integration of process, conceptual, professional and personal skills. Internship provides extensive supervised on-the-job experience in a school, community, or college counseling setting closely aligned with the student's professional career goals. The student is required to complete 300 hours of field experience. Prerequisite(s): COUN 7332, COUN 7333, COUN 7334, COUN 7337, three other content courses in

counselor education or higher education approved by advisor, and proof of professional liability insurance coverage.

#### **COUN 7739**

##### **Internship II: 1-20-3**

Primary emphasis is on the integration of process, conceptual, professional and personal skills. Internship provides extensive supervised on the job experience in a school, community or college counseling setting closely aligned with the student's professional career goals. The student is required to complete 300 hours of field experience. Prerequisite(s): COUN 7738, approved by advisor, and proof of professional liability insurance coverage.

#### **COUN 7798**

##### **Internship I in Higher Education: 1-20-3**

Provides 300 hours of supervised field experience for students in higher education student services program. The scope and objectives will be determined on an individual basis by the professor, the student and the field supervisor. COUN 7798 will be completed at the first site. Prerequisite(s): 27 semester hours of course work in the program.

#### **COUN 7799**

##### **Internship II in Higher Education: 1-20-3**

Provides 300 hours of supervised field experience for students in higher education student services program. The scope and objectives will be determined on an individual basis by the professor, the student, and the field supervisor. COUN 7799 will be completed at the second site. Prerequisite(s): COUN 7798.

#### **COUN 7890**

##### **Directed Individual Study: (1-3)-0-(1-3)**

Permits specialization beyond regular course content through in-depth study of individually selected topics of interest and importance in higher education student services. The study will be directed by the instructor. Prerequisite(s): 12 semester hours of course work in the program.

#### **COUN 8533**

##### **Professional Practice and Ethics: 3-0-3**

Informs students of ethical standards, laws, ordinances, and statutes that govern professional behavior of counselors in schools and in community/mental health settings. Specific topics explored will include professional practice and ethics involving professional relationships, the impact of values, confidentiality, violations and licensure laws.

#### **COUN 8536**

##### **Counseling Advocacy and Systemic Change in a Diverse Society: 3-0-3**

Designed to provide students with the knowledge about counseling advocacy and social change necessary for creating effective learning practices and environments. Students will acquire an understanding of the social, economic, and political factors which influence and shape the counselor's role in diverse institutional settings such as schools and community agencies. The course examines the role of the counselor as a change agent in eliminating systemic barriers that impede student and client success. Prerequisite(s): Admission to Ed.S. program or instructor's permission.

#### **COUN 8538**

##### **Advanced Group Development and Supervision: 2-1-3**

Emphasis is placed on principles of group leadership and group processes at the theoretical and applied levels. Supervised practice in leading and/or co-leading groups in counseling is included. Prerequisite(s): COUN 7334.

#### **COUN 8590**

##### **Selected Topics in Counseling: (1-6)-0-(1-6)**

Participants examine selected topics in the areas of school, community, and college counseling. Course focuses on the specialized needs of Professional Counselors in public, school, community agency, and post-secondary educational settings.

#### **COUN 8737**

##### **Advanced Counseling Practicum and Supervision: 3-0-3**

Advanced clinical experience in application of counseling theories, tools and techniques in counseling. Includes monitored experience in the supervision of counseling. Prerequisite(s): Admission to the Ed.S. program in Counselor Education or permission of instructor.

#### **COUN 8839**

##### **Action Research: 1-2-3**

Each student will implement a research study based on the proposal prepared in the field based Educational Research class. Should be related to a practical problem in professional practice setting. Oral presentation of the study is required. Prerequisite(s): EDUR 8131 and EDUR 8434.

#### **COUN 8890**

##### **Directed Individual Study: (1-3)-(0-2)-(1-3)**

Used to meet individual needs or interests that students may have in various areas. The needs or interests that students may have in group procedures, career development or vocational evaluation. Library research, empirical research and practice applications are typical aspects of many individual projects. Results are presented in written form and frequently include guides or manuals for practice in projected work settings. Prerequisite(s): Permission of instructor.

## **Computer Science (CEIT)**

#### **CSCI 5090G**

##### **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 5130G**

##### **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 5230G**

##### **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 5330G**

##### **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 5331G**

##### **Computer Architecture: 2-2-3**

Topics include the study of the Microprocessor Organization and Bus Structures, Complex Instruction Set Computer (CISC) Systems, Reduced Instruction Set, Computer (RISC) Systems, Micro-programmed Control and Controller Design, Concepts and Application of Embedded Systems, Pipeline and Vector processing, Input-Output Organization, Memory Organization, and Parallel processor Architecture. Advanced topics related to Hardware-Software Co-design. 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 3231 or permission of instructor.

**CSCI 5332G****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 5335G****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 5430G****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 5431G****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 5436G****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 5432.

**CSCI 5437G****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 5438G****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 5530G****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 5330, CSCI 5335, and CSCI 5432 or permission of instructor.

**CSCI 5531G****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 5532G****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 5538G****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 7090****Selected Topics in Computer Science: (1-3)-(0-2)-(1-3)**

Specialized study in a selected area of Computer Science. Prerequisite(s): Permission of instructor.

**CSCI 7130****Artificial Intelligence - Theory and Application: 3-0-3**

Examines the fundamental theory for research, design, and development of artificial intelligence systems. Emphasizes state space search, computer gaming, logic, and knowledge representation. Topics include expert systems, natural language understanding, planning, machine learning and decision making with a view toward applications. Students develop a working system in a realistic application domain. Prerequisite(s): A minimum grade of "B" in CSCI 3230 and CSCI 3232 or permission of instructor.

**CSCI 7132****Database Systems Design-Theory and Application: 3-0-3**

Effective design and application of complex Database Systems, involving both traditional relational databases, object-relational databases, advanced rules and constraints, advanced SQL programming, data model validation, ontology based data modeling, contemporary semi-structured data modeling with XML Schema, and advances in SQL, XML, XML Schema, XQuery, and Data Modeling standardization. Review of advances in DB research and DB technology trends. Students will also act as practicing

advisors to other students working on DB design projects. Prerequisite(s): A minimum grade of "B" in CSCI 3230 and CSCI 3232 or permission of instructor.

### CSCI 7136

#### **Distributed Web Systems Design - Theory and Application: 3-0-3**

Client and server side programming, stateless client/server transactions, state maintenance, server side database transactions, Web project design methodologies, database design methodologies for distributed Web projects, testing methodologies, and Web systems project management concepts. Prerequisite(s): A minimum grade of "B" in CSCI 7132 or permission of instructor.

### CSCI 7140

#### **Software Development and Machine Architecture: 4-0-4**

Software and hardware topics that include an object oriented language, web page construction, electric circuits, architecture, language translation, operating systems and networks. Primarily intended for those that are beginning a Masters Degree in Technology. Cannot be taken for credit by those earning a Masters in Mathematics. Prerequisite(s): Enrollment in the Master of Science in Applied Engineering degree program or permission of instructor.

### CSCI 7230

#### **Advanced Computer Architecture: 3-0-3**

Comparing different modern computer systems architecture and investigating their performances. Topics include: parallel computer systems, pipelining techniques, vector processor arrays, multiprocessor systems, data flow machines and fault-tolerant computer systems. Prerequisite(s): CSCI 5331 or permission of instructor.

### CSCI 7332

#### **Parallel Algorithms Design and Analysis: 3-0-3**

A study of parallel constructs for providing experiences in designing and analyzing parallel algorithms. Prerequisite(s): A minimum grade of "C" in CSCI 5330 or permission of instructor.

### CSCI 7334

#### **Unix Network Programming: 3-0-3**

A study of UNIX interprocess communication protocols and how they can be used in programs. Prerequisite(s): A minimum grade of "C" in CSCI 3232 or permission of instructor.

### CSCI 7336

#### **Broadband Communications: 3-0-3**

An in-depth study of the structures and principles of broadband networks. Major concepts and principles are explained along with their mathematical analysis. Prerequisite(s): A minimum grade of "C" in CSCI 5332 and STAT 2231 or permission of instructor.

### CSCI 7337

#### **Optical Networks: 3-0-3**

An introduction to optical networks, their principles and systems, an understanding of the construction and organization of optical networks along with an in-depth study of the structures and requirements of lightwave-coherent systems. Major concepts and principles are covered along with their mathematical analysis. Prerequisite(s): A minimum grade of "C" in CSCI 5332 and STAT 2231 or permission of instructor.

### CSCI 7431

#### **Distributed Database Systems: 3-0-3**

A study of distributed database architectures and system design, semantic data control, query processing, transaction management, concurrency control, distributed DBMS reliability, parallel DB systems, distributed object DB management systems, and database interoperability. Prerequisite(s): A minimum grade of "B" in CSCI 7132 and CSCI 7136 or permission of instructor.

### CSCI 7432

#### **Algorithm Analysis and Data Structures: 3-0-3**

Advanced topics in algorithm design and analysis and data structures for implementing these algorithms. Problems considered from areas of information storage and retrieval, graph theory, cryptology and parallel processing. Prerequisite(s): CSCI 5330 or permission of instructor.

### CSCI 7434

#### **Data Mining: 3-0-3**

The application of concepts and techniques from information science, statistics, visualization, artificial intelligence, and machine learning for the purpose of extracting, integrating, and visualizing information and knowledge from large databases. Prerequisite(s): A minimum grade of "B" in CSCI 7130 and CSCI 7132 or permission of instructor.

### CSCI 7435

#### **Data Warehousing: 3-0-3**

Data warehouse design principles and technical problems inherent in complex industrial implementations using commercial software. Possible topics include: an introduction to data warehousing, multidimensional data modeling, data warehouse architectures, data warehouse design and implementations, development of data cube technology, organizing data warehousing projects, from data warehousing to data mining. Prerequisite(s): A minimum grade of "B" in CSCI 7132 or permission of instructor.

### CSCI 7436

#### **Internet Programming: 3-0-3**

Advanced design and implementations of large-scale Internet applications through the use of high and low level programming constructs. Possible topics include: client side scripting languages, middle-tier programming languages, middle-tier transaction servers, server-side data access, server-side scripting/programming, integrating applications within a network cluster, internet protocols and socket programming. Prerequisite(s): A minimum grade of "C" in CSCI 5332 and CSCI 5432 or permission of instructor.

### CSCI 7532

#### **Advanced Software Engineering: 3-0-3**

The focus is the rigorous specification, modeling and prototyping of critical software systems/components. Topics selected from formal specification using Z and VDL, specifications using UML with OCL for real-time systems. Structure, dynamic and constraint modeling, constraint/performance [rate monotonic] analysis, concurrency, re-configuration and distribution, prototyping, reuse and integration issues, and component implementation using advanced tools with implementation styles such as Generic and Meta-Programming. Prerequisite(s): CSCI 5530.

### CSCI 7533

#### **Requirements and Architecture: 3-0-3**

Software requirements and architecture evaluation using examples of complex software intensive systems. Product-line approach and use of industry standards. Functional and object oriented approaches in complex domains such as avionics, ground vehicles, medical devices, telecommunication. Students are expected to critically evaluate and develop architecture and requirements for sizable systems, functioning as lead architects and requirements managers. Prerequisite(s): A minimum grade of "C" in CSCI 5530 or permission of instructor.

### CSCI 7534

#### **Testing and Measurement: 3-0-3**

Testing and quantitative evaluation of software products and processes. Topics include: models, methods, standards and tools for testing, measurement and evaluation, test (defect) catalog and coverage testing of units, components, and subsystems. Integration, system and acceptance testing and evaluation, test suites, regression testing and test automation. Prerequisite(s): A minimum grade of "C" in CSCI 5530 or permission of instructor.

### CSCI 7890

#### **Directed Study in Computer Science: (1-3)-(0-2)-(1-3)**



Directed study under faculty supervision. Prerequisite(s): Permission of instructor and department chair.

### **CSCI 7899**

#### **Research Project in Computer Science: (1-6)-(0-4)-(1-6)**

Research project addressed toward a real world problem. Prerequisite(s): Permission of project advisor and permission of department chair.

### **CSCI 7999**

#### **Thesis: 0-(1-6)-(1-6)**

Thesis.

## **Early Childhood Education (COE)**

### **ECED 7132**

#### **Effective Curriculum and Instruction in Elementary Schools: 3-0-3**

Provides students the opportunity to explore the relationship between curriculum and instruction. How to effectively plan curriculum and instruction for elementary classrooms will be emphasized.

### **ECED 7230**

#### **Advanced Language Arts Methods: 3-0-3**

Designed to build on the graduate students' knowledge of materials and methods of teaching language and literacy in the P-5 classroom. Students will examine issues related to language arts instruction and the theoretical background and research base related to these issues. Prerequisite(s): ECED 7132, EDUF 7130, and EDUR 7130, or permission of program.

### **ECED 7232**

#### **Children's Literature: 3-0-3**

Designed for the graduate student who has some knowledge of children's literature. Attempts to update the student's knowledge of children's literature in the classroom and media center.

### **ECED 7233**

#### **Teaching Writing in the Elementary School: 3-0-3**

This course provides students the opportunity for an in-depth examination of both the process and products of writing in P-5 schools. Students will explore the current trends and issues related to the teaching of writing in the elementary school including curriculum and assessment.

### **ECED 7330**

#### **Advanced Mathematics Methods: 3-0-3**

Designed to provide an extension of the knowledge base acquired at the undergraduate level that is necessary to provide a firm foundation for mathematics instruction to the P-5th grade child. Emphasis will be on problem solving, mathematical reasoning and communication, and the use of technology when delivering instruction. Prerequisite(s): ECED 7132, EDUF 7130, and EDUR 7130, or permission of program.

### **ECED 7430**

#### **Advanced Science Methods: 3-0-3**

An extension of the undergraduate science methods course emphasizing grades P-5. Students are given the opportunity to reinforce and extend basic science content knowledge and science process skills as well as enhance current teaching strategies. The impact of current issues and trends on science instruction will be emphasized. Prerequisite(s): ECED 7132, EDUF 7130, and EDUR 7130, or permission of program.

### **ECED 7530**

#### **Advanced Social Studies Methods: 3-0-3**

An advanced course in social studies instructional methodology and inquiry in the P-5th grade classroom. Components and theoretical foundations of early childhood social studies curriculum will be investigated. Concepts, skills, and attitudes associated with elementary school social studies will be discussed in conjunction with various teaching methods, models, and materials considered developmentally appropriate and effective for children. Strategies for integrating social studies instruction with other areas of curriculum are investigated through active student participation.

Prerequisite(s): ECED 7132, EDUF 7130, and EDUR 7130, or permission of instructor.

### **ECED 7639**

#### **Seminar in P-5: 3-0-3**

Designed as a culminating experience for students to integrate educational theory with classroom practice in a P-5 setting. Emphasis is placed on appropriate application of educational theory and content knowledge in a P-5 setting through analysis and evaluation of current classroom practices. Prerequisite(s): Completion of ECE emphasis area.

### **ECED 8890**

#### **Directed Individual Study: (1-3)-0-(1-3)**

Provides an opportunity for a student to pursue an area of interest not covered by any existing courses in a guided, independent format. The student is responsible for defining an area of study, course objectives, activities and assessment procedures and identifying a graduate faculty member in the Early Childhood Education department who will supervise the study. Prerequisite(s): Permission of department chair.

## **Economics (COBA)**

### **ECON 6230**

#### **Foundations of Economics: 3-0-3**

A study of the fundamental concepts and theories of microeconomics and macroeconomics. Prerequisite(s): Graduate standing.

### **ECON 7030/7030S**

#### **Special Topics: 3-0-3**

A customized course that allows students to pursue further study in a specific topic. Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

### **ECON 7110**

#### **Math for Applied Economics: 0-1-1**

A review of mathematical concepts that will be utilized in the Master of Science in Applied Economics program. The primary focus will be on getting practice using mathematical concepts that are not necessarily new to the student but which may not have been used for some time. Topics include economic models, set theory, types of functions, comparative statics and differentiation, and constrained optimization techniques. Prerequisite(s): Admission to Master of Science in Applied Economics program or permission of the Director of the School of Economic Development or the Program Director.

### **ECON 7131**

#### **Microeconomics: 3-0-3**

An introduction to the modern study of microeconomics. Examines the economic behavior of consumer households, firms, and goods and factor markets. The efficiencies offered by competitive markets and the costs imposed by deviation from competition are examined. Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

### **ECON 7132**

#### **Macroeconomics: 3-0-3**

This course is an introduction to advanced macroeconomic theory. The first half studies dynamic models of long-run growth; the Solow model, the neoclassical growth model, overlapping generation models, and endogenous growth models; it also discusses long-run policy issues and the determinants of cross-country differences in per capita income and growth. The second part of the course focuses on real business cycle models and the micro-foundations for macro models. It examines the nature of short-run fluctuations and the evaluation of macroeconomic policies that aim at stabilization, inflation, unemployment and the national debt. Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

### **ECON 7133**

#### **International Economics: 3-0-3**

This course provides an analytical framework for understanding economic interaction between independent nations and examining international trade policies. The classical theory is complemented by a new theoretical view in which economies of scale and imperfect competition play an important role in determining international trade patterns and gains from trade. Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

#### **ECON 7231**

##### **Mathematical Economics: 3-0-3**

This course introduces basic mathematical analysis employed in theoretic economic research, in both micro and macro, focusing on economic modeling and research methods. It includes optimal choice models, applied in both consumption and production/cost analysis as well as in intertemporal choice and choice under uncertainty. It also covers basic contract theory and information economics, and dynamic analysis. Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

#### **ECON 7232**

##### **History of Economic Thought: 3-0-3**

This course is a comprehensive study of the development of economic doctrine. Scientific discoveries of important economic theorists will be analyzed in detail. Special emphasis will be placed on the development to the theory of value, and how differences among economists on this topic have served to shape various market and non-market economic systems. Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

#### **ECON 7331**

##### **Applied Econometrics I: 3-0-3**

This course is designed as a first graduate course in applied econometrics. It teaches how to use regression modeling to examine practical economic problems. Students will learn how to build theoretically sound econometric models, estimate regression equations using statistical software, diagnose and correct specification errors, evaluate and correctly interpret regression results, and draw substantiated conclusions that help recommend economic policies and make managerial decisions. Prerequisite(s): Admission to program or permission of SED director.

#### **ECON 7332**

##### **Applied Econometrics II: 3-0-3**

This course is a graduate course in econometric techniques commonly used in applied microeconomic analysis. Instrumental variable models are discussed as alternatives to the linear regression model along with diagnostics and specification testing. Additional techniques include simultaneous equation models, cross-section and panel estimations, and models of qualitative choice. Prerequisite(s): Admission to the MS in Applied Economics Program or permission of the SED Director for non-majors and MGNT 7339.

#### **ECON 7431**

##### **Regional Economic Development: 3-0-3**

This course provides students with an in-depth understanding of why economic development is important to business growth. Students will also discover the vital role industry plays in the economic development process. This course exposes students to the importance of economic development through case studies exploration, interaction with business leaders and government officials, and the course provides a hands-on look at economic development activities in the area. Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

#### **ECON 7432**

##### **Financing Economic Development: 3-0-3**

This course focuses on financing tools and program models to support local economic development. It includes an overview of private capital markets and financing sources to understand capital market imperfections that constrain economic development; business accounting, financial statements analysis; federal economic development programs, and public finance tools.

Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

#### **ECON 7531**

##### **Industrial Organization: 3-0-3**

An introduction to the modern study of markets with a focus on game theoretic models of imperfect competition. Topics include firm behavior under monopoly power, cooperative and non-cooperative oligopoly, and monopolistic competition. Considerable time will be devoted to understanding the effects of uncertainty on market outcomes. Prerequisite(s): A minimum grade of "C" in ECON 7131 and Admission to the MS in Applied Economics Program or permission of the SED Director for non-majors.

#### **ECON 7532**

##### **Regulation and Antitrust: 3-0-3**

An introduction to the modern study of government restrictions upon the activities of private firms. Examines the economic arguments for regulation, economic analysis of the effects of regulation on economic performance and empirical assessments of the performance of regulated markets. Covers the legal and regulatory institutions associated with Antitrust enforcement. Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

#### **ECON 7631**

##### **Advanced Financial Economics: 3-0-3**

This course is a detailed examination of financial institutions and the impact of institutions on the inter-temporal allocations of resources. The microeconomic aspects of financial institution are emphasized. In addition, investment decisions are analyzed within the context of changing financial institutions. Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

#### **ECON 7632**

##### **Financial Economics and Risk: 3-0-3**

This course is a comprehensive study of the economics of risk and the various techniques used to measure and analyze risks are explored. The course begins with an overview of the risk management process. Then different quantitative approaches used in risk management are covered in detail. Prerequisite(s): Admissions to the MS in Applied Economics Program or permission of the SEC Director for non-majors.

#### **ECON 7890**

##### **Individual Research: (1-3)-0-(1-3)**

A guided individual research project that provides the student with an opportunity to explore a topic in-depth. Prerequisite(s): Permission of the SED Director.

### **Accomplished Teaching (COE)**

#### **EDAT 6000**

##### **Professional Decision Making: 3-0-3**

#### **EDAT 6001**

##### **Using Assessment to Improve Teaching and Learning: 2-2-3**

#### **EDAT 6115**

##### **Knowledge of Students and Their Learning: 2-2-3**

#### **EDAT 6159**

##### **Multicultural Studies across the Curriculum: 3-0-3**

#### **EDAT 6226**

##### **Curriculum Design for Student Achievement: 2-2-3**

**EDAT 7100****Research Methodology in Education: 3-0-3****EDAT 7131****Enhancing Student Performance: 3-0-3**

The course will emphasize strategies for selecting and adapting curriculum, instruction, resources, and assessments in order to maximize learning. The course will provide educators with ways to identify, analyze, and use results from multiple performance assessments to plan instruction aimed at enhancing and demonstrating learning. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

**EDAT 7132****Framework for Teaching: 3-0-3**

A study of teaching and learning strategies associated with effective teaching practices. Emphasis is placed upon the relationships that exist between student development, instructional practices, educational environments, continuous reflection and assessment, learning communities, and dispositions of the profession. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

**EDAT 7133****Trends, Issues, & Research in Education: 3-0-3**

Designed to help practitioners develop critical frameworks for designing and evaluating educational practices and programs within the context of current trends and issues in education. Emphasis is placed on specific research findings and their application to practice, in addition to the development of analytical and communicative skills needed to improve teaching and learning. Candidates will formulate their own professional goals that will culminate with the presentation of a professional portfolio at the end of the program.

**Educational Leadership (COE)****EDLD 7090****Selected Topics in Educational Leadership: 3-0-(1-3)**

Participants examine selected topics in the areas of P-12 and postsecondary administration and supervision. Focuses on the specialized needs of administrators, supervisors, and teachers.

**EDLD 7132****General School Administration: 3-0-3**

Participants are introduced to social and behavioral science theories and their applications in understanding school leadership precepts, governance issues, and organizational/structural requirements. Students experience the various dimensions of school administration from both the "theoretical" and the "practical" perspectives. Corequisite(s): EDLD 7737.

**EDLD 7133****School Law: 3-0-3**

Participants will examine legal principles impacting on public schools, federal and state relationships to public education, authority and liability of school boards, administrators and teachers, negligence and discipline.

**EDLD 7234****Instructional Supervision: 3-0-3**

Participants explore the difference and the relationship between supervision and administration, both at the building and district levels. Attention is specifically directed to curriculum, instructional practice, staff development, and staff evaluation.

**EDLD 7235****School Business Administration: 3-0-3**

Participants will develop an understanding of all aspects of school business functions, including school budgeting and accounting procedures, auditing, risk management, cash management, pupil transportation, school food

services, management information systems, purchasing, and school facilities maintenance and operation.

**EDLD 7236****School Personnel Administration: 3-0-3**

Participants will examine the primary functions and processes of personnel administration in public school systems. Skills will be developed in recruiting, selecting, orienting, assigning, developing and evaluating school personnel. Legal constraints, including affirmative action, and employee rights will be included.

**EDLD 7337****The Principalsip: 3-0-3**

Participants receive direction in developing the knowledge, skills, and dispositions required of instructional leaders within "today's schools." Students comprehensively and intensely experience the key dimensions of school administration from both the "theoretical" and the "practical" perspectives as a part of culminating experience in their Program of study. Prerequisite(s): A minimum grade of "C" in EDLD 7132, EDLD 7133, EDLD 7234, and EDLD 7737. Corequisite(s): EDLD 7738.

**EDLD 7430****American Higher Education: 3-0-3**

This course analyzes the evolution and organization of American higher education. Participants examine the dominant historical, philosophical, and social constructs which impacted American higher education. Consideration will be given to the roles and missions of vocational/technical institutes, 2-year and 4-year colleges, and comprehensive universities. Prerequisite(s): Admitted to M.Ed. program or permission of instructor.

**EDLD 7431****Higher Education Administration: 3-0-3**

Overview of the evolution and organization of American higher education administration. Examines the dominant leadership and managerial themes shaping the nation's system of post-secondary education. Considers administrative and management precedents that shaped the structuring and management of vocational/technical institutes, 2-year and 4-year colleges, and comprehensive universities. Prerequisite(s): Admitted to M.Ed. program or permission of instructor.

**EDLD 7432****History of American Higher Education: 3-0-3**

This course is an analysis of the historical evolution of American higher education. The course examines the conceptual belief that American higher education is a culmination of historical development which directly influences every aspect of higher education administration. Considers historical precedents that shaped the structuring and management of vocational/technical institutes, 2-year and 4-year colleges, and comprehensive universities. Prerequisite(s): Admitted to M.Ed. program or permission of instructor.

**EDLD 7530****The Democracy-Centered School Leader: 3-0-3**

This course will provide an introduction to educational leadership through a comprehensive overview of the field of educational administration. Distributed leadership, as well as democracy-centered school leadership, will be studied as a means of leading schools in the 21st century. A wide variety of topics, such as school reform, district organization, organizational culture, school level processes, diversity and ethics, and pupil personnel services will be introduced from the perspective of democracy-centeredness. A major focus will be on dispositions of educational leaders. This course is aligned to the Georgia Board of Regents Principles, Organizational Culture, Relationship Development, and Performance Management and Process Improvement, and ELCC Standards.

**EDLD 7531****Legal and Ethical Issues in School Leadership: 3-0-3**

This course will provide candidates the opportunity to examine legal and ethical principles relating to managing operations and organizational culture of schools. Candidates in the course will study legal and moral liability of school boards, administrators, and teachers. The goal is to provide school

leaders awareness and understanding of their ethical and legal obligations in leading schools with a commitment to serving and providing access to schooling for all, including students, teachers, and parents from all walks of life. The school leader will examine issues concerning local, regional, state, and federal laws and guidelines that may impact the educational leader's efforts to develop a legally sound and ethical educational institution. The Code of Ethics for Georgia Educators provides a core ethical system for democracy-centered school leaders. This course is aligned to the Georgia Board of Regents Principles, Managing Operations, and ELCC Standards.

#### **EDLD 7532**

##### **Empowering Human Resources: 3-0-3**

This course will provide an overview of the system of human resources, including recruiting, selecting, maintaining, and developing school personnel in the democracy-centered school. Candidates will explore, demonstrate, and evaluate the relationships between administrators and other school personnel with an emphasis on empowering human resources in educational settings. Human resources processes, procedures and techniques used to facilitate the attainment of state, school district and school educational visions, missions, goals and objectives will be reviewed and analyzed. A focus on cultural, legal, and ethical issues involved in leading productive teams in democracy-centered schools will be articulated and demonstrated in this course. This course is aligned to the Georgia Board of Regents Principles, Organizational Culture, Professional Learning and Development, and Relationship Development and ELCC Standards.

#### **EDLD 7533**

##### **Mobilizing Communities: 3-0-3**

This course is designed to provide the beginning administrator with the knowledge, skills, and dispositions essential for democracy-centered school leaders in communicating with various publics. Sensitivity to multicultural needs and an understanding of all communities—both internal and external—provide a foundation for the democracy-center school leader to provide means of access to the school's systems. Interacting with internal and external publics as a key role in school leadership will be explored and practiced through readings, discussions, seminars, and field-based experiences for the purpose of mobilizing communities in support of teaching and learning. This course is aligned to the Georgia Board of Regents Principles Relationship Development and ELCC Standards.

#### **EDLD 7534**

##### **Leading Innovation and Change: 3-0-3**

This course will focus on knowledge and skills of leading innovation and change. Candidates will understand how problem-solving and decision-making may be utilized in support of innovation, change, learning, and teaching. Stages of innovation and change will be explored in the school/district setting. This course is aligned to the Georgia Board of Regents Principles (Leading Change) (Relationship Development) and the ELCC Standards.

#### **EDLD 7535**

##### **Using Data in Leadership for Learning: 3-0-3**

This course provides educational leaders with knowledge, skills, and application of data in the school improvement process. The 21st century accountability-driven, educational environment requires that educational leaders make conscious and informed adaptation of their practices to build meaningful educational practices to impact student outcomes. Among key competencies that educational leaders need to successfully harness, manage and implement educational change efforts leading to student outcomes is through the use of educational data. This course builds such competencies by equipping candidates with the knowledge, skills and dispositions needed to identify, navigate, discuss, explain, analyze, interpret, and communicate school, district, state, and national educational databases appropriate in school development and improvement processes. Major topics to be covered, among others, include: accountability and leadership dilemmas in using data in leadership for learning; skills and strategies for building school and classroom data to engage and lead data analysis team; using data to identify trends in educational outcomes of students from disadvantaged background; integrating local, state and national data in school improvement process; and summarizing, reporting and communicating educational data with major partners and stakeholders. This course is aligned to the Georgia Board of Regents Principles, Assessment and Data Analysis, and ELCC

Standards. Prerequisite(s): A minimum grade of "C" in EDUR 7130 and EDUR 8131.

#### **EDLD 7737**

##### **Supervised Field Experience I: 0-7-3**

Candidates will complete a 100-hour practicum in building level administration under the direction of a practicing administrator and supervising faculty member. This course is part of the six (6) hour introductory block for the masters in educational leadership that includes experiences in the daily operations of schools.

#### **EDLD 7738**

##### **Supervised Field Experience II: 0-7-3**

Candidates will complete a 100-hour practicum in building level administration under the direction of a practicing administrator and supervising faculty member. This course is part of the six (6) hour culminating block for the masters in educational leadership that includes experiences in the daily operations of schools.

#### **EDLD 8130**

##### **Educational Evaluation: 3-0-3**

Participants will consider educational evaluation from a theoretical and practical perspective. Emphasis is placed upon the application of evaluation theories, designs, models and techniques for use at the classroom, school center, and school district levels.

#### **EDLD 8135**

##### **Educational Planning: 3-0-3**

This course examines concepts and theories relating to various forms and approaches of planning at the school district and postsecondary educational levels. Emphasis is placed on specific skills to perform educational forecasting and management techniques to plan for future events.

#### **EDLD 8136**

##### **Educational Facilities: 3-0-3**

This course examines the concepts, procedures, and importance of facilities planning for schools, colleges, and universities. Participants will learn the practical skills of facility inventory, needs assessment, and evaluation. The course covers major aspects of institutional facilities planning at the elementary, secondary, and postsecondary levels.

#### **EDLD 8230**

##### **The Curriculum Leader: 3-0-3**

Participants will acquire the knowledge and skills necessary to make appropriate decisions regarding the development of curriculum at the school and district levels. They will also consider ways in which the school's curriculum is shaped by, and in some cases influences, current social issues.

#### **EDLD 8430**

##### **School Finance: 3-0-3**

Participants examine major principles of educational finance, particularly as they relate to the funding of American public education. State and national models of educational finance are introduced and discussed. An effort is made to develop skill as an interpreter of fiscal policy. Participants will study tax structures in Georgia and elsewhere. Alternative sources of school funding are also reviewed.

#### **EDLD 8431**

##### **Higher Education Law: 3-0-3**

Explores basic legal precepts and their application to institutions of higher education, primarily using the case study method and discussion. Covers such topics as constitutional mandates of due process and equal protection, non-discrimination in employment and educational programs, privacy and openness, contractual relationships with students, tenure and academic freedom, and faculty governance.

#### **EDLD 8432**

##### **Higher Education Finance: 3-0-3**

Fiscal management and budgeting practices applicable to higher education institutions are the focus of this course. It is intended for persons seeking a

working knowledge of budget development, financial management, and fiduciary control in vocational/technical schools, two-and four-year colleges, and universities.

#### **EDLD 8433**

##### **Higher Education Governance: 3-0-3**

Examines the organizational dynamics of higher education institutions as well as traditional and emerging managerial patterns. The use of organizational models and paradims enables participants to analyze a variety of contemporary issues and situations in higher education settings.

#### **EDLD 8434**

##### **The Community College: 3-0-3**

Examines the educational mission of the two-year postsecondary institution (vocational/technical institutes and community college). Particular emphasis is given to the philosophical, pedagogical and organizational underpinnings of two-year institutions with concentration on their historical development, student clientele, and educational mission. Prerequisite(s): Admission to Tier I doctoral study in Educational Administration.

#### **EDLD 8435**

##### **Higher Education Policy: 3-0-3**

Examines policy-formation processes in higher education institutions. The skills of policy analysis and policy development, the identification of policy issues appropriate for study at these institutions, and the relationship of policy to all other areas of administration are considered.

#### **EDLD 8436**

##### **Grant Development/Administration: 3-0-3**

Students will learn the methods and processes of project development, funding source development, and proposal writing. All grants and proposals developed during the course will be submitted to various foundations and/or government agencies for possible funding.

#### **EDLD 8438**

##### **Organizational Leadership: 3-0-3**

This course deals with the major conceptual frameworks for understanding human behavior within complex educational organizations, the competencies required for effective educational leadership and the major functions of organizational theory and management applied to education. Prerequisite(s): Admitted to M.Ed. program or permission of instructor.

#### **EDLD 8439**

##### **Politics of Higher Education: 3-0-3**

This course explores the myth that politics and American higher education exist in separate worlds. Participants will examine the current "press" for institutional change and its political implications for two-year colleges, four-year colleges, and comprehensive universities. Manifestations of political influence systems at the federal and state levels will also be considered.

#### **EDLD 8531**

##### **School Public Relations: 3-0-3**

Participants will learn how to conduct good school public relations with both internal and external publics. Topics include school publications and press releases, working with the media, speaking and listening skills, the community school and volunteers and key communicators. The practitioner oriented course emphasizes hands on activities, simulations, etc. and should be beneficial to all school personnel, especially those in teacher leadership, administrative, or supervisory roles.

#### **EDLD 8532**

##### **Policy Studies in Schools: 3-0-3**

Participants will examine policy development, implementation and evaluation at the federal, state and school district levels. Includes the skills of policy analysis and policy development, the identification of issues appropriate for policy review at the school-site and school-district levels. Considers the policy-related roles of the school administrator.

#### **EDLD 8533**

##### **Politics of Public Education: 3-0-3**

The myth that politics and education exist in separate worlds is examined in this course. Participants will review the recent waves of educational reform in terms of their political implications for educational decision makers. Manifestations of overt political behavior and the "press" of politics at the federal, state and local levels will also be reported.

#### **EDLD 8534**

##### **The Superintendency: 3-0-3**

Participants will acquire an understanding of the knowledge and skills required to function in today's highly complex and dynamic superintendency. Major consideration will be given in the areas of leadership, visioning, planning, goal setting, operations management, risk management and interpersonal relationships.

#### **EDLD 8630**

##### **Planning for Change: 3-0-3**

This course will serve as the introductory course to the EdS Program in Educational Leadership. The course will focus on issues that democracy-centered leaders may face relative to high expectations and school/community relations as part of planning for change. While the focal point will be on how the democracy-centered leader plans for meaningful change in education, the change will be in context with human dynamics and relationships. Participants will examine cultural, ethical and interpersonal issues that affect school climate and resistance to significant change in a democracy-centered school culture. The course is designed to be 1/3 knowledge-based, 1/3 lab-based, and 1/3 performance-based at the district or school level. This course is aligned to the Georgia Board of Regents Principles (7) Performance Management, (9) Leading Change, and (10) Relationship Development and ELCC Standards 1-6. Corequisite(s): EDLD 8631.

#### **EDLD 8631**

##### **Implementing Change: 3-0-3**

This course will focus on leading change by having the participants apply change theory in initiating a change effort in the educational setting. After a review of structural and post-structural perspectives, candidates will identify a need with special attention given to the relationship of the change effort to the organizational vision. Candidates will be coached on tools and processes used in implementing change to address the need, as well as coached on how to monitor progress of the change initiative. Skills of leading change will be demonstrated through simulations and lab activities. The course is designed to be 1/3 knowledge-based, 1/3 lab-based, and 1/3 performance-based at the district/school level. This course is aligned to the Georgia Board of Regents Principles (7) Performance Management and (9) Leading Change and ELCC Standards 1-5. Corequisite(s): EDLD 8630.

#### **EDLD 8632**

##### **Organizational Culture: 3-0-3**

This course will focus primarily on components of organizational culture, including curriculum and instruction, the technical "core" of the school/district and leadership. Distributed leadership within the culture of high academic expectations will be examined, as well as school/district climate issues associated with "fluid leadership." A major emphasis will be on conflict management and motivational strategies for students, faculty/staff. The course is designed to be 1/3 knowledge-based, 1/3 lab-based, and 1/3 performance based at the district or school level. This course is aligned to the Georgia Board of Regents Principles (5) Organizational Culture and ELCC Standards. Prerequisite(s): A minimum grade of "C" in EDLD 8630 and EDLD 8631. Corequisite(s): EDLD 8737.

#### **EDLD 8633**

##### **Curriculum and Instructional Leadership: 3-0-3**

This course is designed for the beginning principal/district level administrator to demonstrate best practices in leading curriculum and instruction in the democracy-centered educational setting. The candidates in the course will implement strategies to facilitate curriculum wisdom. Candidates will also identify research-based best practices and strategies in effective schools. Candidates will be immersed in instructional supervision of teaching and learning, including assessment for learning. The course is designed to be 1/3 knowledge-based, 1/3 lab-based, and 1/3 performance based at the district or school level. This course is aligned to the Georgia

Board of Regents Principles (1) Curriculum (2) Instruction and ELCC Standards 1,2,3, and 5. Prerequisite(s): A minimum grade of "C" in EDLD 8630, EDLD 8631, and EDLD 8632; a minimum grade of "S" in EDLD 8737. Corequisite(s): EDLD 8634 and EDLD 8738.

#### **EDLD 8634**

##### **Managing Operations and Processes: 3-0-3**

This course will provide candidates with an in-depth look at the essential day-to-day operational management of the school/system, as well as features of day-to-day processes that impact teaching and learning, such as attendance, parent volunteer programs, professional learning programs, the hiring process, staff scheduling, etc. Fiscal policies and procedures will be analyzed from the perspective of aligning resources with instructional priorities. The physical site, including grounds and buildings, will be analyzed from the perspective of state, system, and local school rules, policies, and procedures, as well as aligning the use of facilities with instructional priorities. The course will provide an overview of the safe, orderly and engaging learning environment, as it relates to day-to-day operations. Working conditions will be examined from a best practices perspective. The beginning principal/district office administrator will understand, practice, and implement strategies to facilitate professional learning in a high performing school, where teaching and learning needs define facilities and resource needs. Candidates will identify barriers and interventions to professional learning and development, especially as professional learning relates to operational procedures. The course will emphasize current problems in the management of the learning organization, including, but not limited to, diversity, ethical leadership, politics, and policy in today's global society. The course is designed to be 1/3 knowledge-based, 1/3 lab-based, and 1/3 performance-based at the district or school level. This course is primarily aligned to Georgia Board of Regents Principles (8) Managing Operations and Processes and ELCC Standards 2, 3, 5. Prerequisite(s): A minimum grade of "C" in EDLD 8630, EDLD 8631, and EDLD 8632. Corequisite(s): EDLD 8633 and EDLD 8738.

#### **EDLD 8635**

##### **Leading School Renewal: 3-0-3**

This course allows candidates to develop the knowledge, skills and disposition needed to implement successful school improvement and allow them to lead such process in their own school or school district. Successful school improvement under state and federal mandates requires major and dramatic change in a limited timeframe. Major topics to be covered, among others, include elements of successful school improvement process; benchmarking and correlates of successful schools; building the capacity for change through effective and focused program of staff development; leading the school improvement effort by engaging teachers, faculty, parents, and community members; dealing with barriers against the school improvement process; utilizing technology in school improvement process to improve student outcomes; assessing the school improvement process to identify progress and gaps in student learning; building appropriate school culture for sustainable and lasting school improvement process. The course is designed to be 1/3 knowledge-based, 1/3 lab-based, and 1/3 performance based at the district or school level. This course is primarily aligned to the Georgia Board of Regents Principles (1) curriculum (2) instruction (3) assessment and (4) data analysis and ELCC Standards 1,2,5,6. Prerequisite(s): A minimum grade of "C" in EDLD 8630, EDLD 8631, EDLD 8632, EDLD 8633, and EDLD 8634; a minimum grade of "S" in EDLD 8737 and EDLD 8738. Corequisite(s): EDLD 8739 and EDUR 8434.

#### **EDLD 8735**

##### **Higher Education Practicum: 3-0-3**

Participants complete a supervised field experience under the direction of a practicing higher education administrator or supervisor.

#### **EDLD 8737**

##### **Residency I: (1-3)-0-(1-3)**

This Residency is required of all candidates seeking L-6 certification and/or the EdS Degree in Educational Leadership. The candidate will enroll in a nine-hour residency which will span spring, summer, and fall semesters. The Residency is designed to be a performance-based field-experience at the school or district level. Each candidate is required to complete a self-

assessment of his/her leadership skills and a review of the real work in his/her educational setting to determine a minimum of four performance-based projects aimed at deep development of the school leader during the three-semester Residency. The self-assessment and review of the real work in the educational setting will be utilized to design the Residency Plan, which will guide the performance-based residency experience. The Residency Plan will also include refinement and continuing work completed on the eight performance-based activities derived from course work in the Program. The candidate will develop his/her Residency Plan, which will be presented to the Beginning Leader Support Team (BLST). The candidate and the BLST will collaborate to develop and approve the Residency Plan and the timeline, along with candidate goals for the Residency. The Residency will be guided by the members of the BLST with coaching to assist the candidate in development of leadership skills and dispositions. The candidate will generate an electronic portfolio to document the performances identified in the Residency Plan. This course is aligned to the Georgia Board of Regents Principles and ELCC Standards. Prerequisite(s): A minimum grade of "C" in EDLD 8630 and EDLD 8631. Corequisite(s): EDLD 8632.

#### **EDLD 8738**

##### **Residency II: (1-3)-0-(1-3)**

This Residency is required of all candidates seeking L-6 certification and/or the EdS Degree in Educational Leadership. The candidate will enroll in a nine-hour residency which will span spring, summer, and fall semesters. The Residency is designed to be a performance-based field-experience at the school or district level. Each candidate is required to complete a self-assessment of his/her leadership skills and a review of the real work in his/her educational setting to determine a minimum of four performance-based projects aimed at deep development of the school leader during the three-semester Residency. The self-assessment and review of the real work in the educational setting will be utilized to design the Residency Plan, which will guide the performance-based residency experience. The Residency Plan will also include refinement and continuing work completed on the eight performance-based activities derived from course work in the Program. The candidate will develop his/her Residency Plan, which will be presented to the Beginning Leader Support Team (BLST). The candidate and the BLST will collaborate to develop and approve the Residency Plan and the timeline, along with candidate goals for the Residency. The Residency will be guided by the members of the BLST with coaching to assist the candidate in development of leadership skills and dispositions. The candidate will generate an electronic portfolio to document the performances identified in the Residency Plan. This course is aligned to the Georgia Board of Regents Principles and ELCC Standards. Prerequisite(s): A minimum grade of "C" in EDLD 8630, EDLD 8631, and EDLD 8632; a minimum grade of "S" in EDLD 8737. Corequisite(s): EDLD 8633 and EDLD 8634.

#### **EDLD 8739**

##### **Residency III: (1-3)-0-(1-3)**

This Residency is required of all candidates seeking L-6 certification and/or the EdS Degree in Educational Leadership. The candidate will enroll in a nine-hour residency which will span spring, summer, and fall semesters. The Residency is designed to be a performance-based field-experience at the school or district level. Each candidate is required to complete a self-assessment of his/her leadership skills and a review of the real work in his/her educational setting to determine a minimum of four performance-based projects aimed at deep development of the school leader during the three-semester Residency. The self-assessment and review of the real work in the educational setting will be utilized to design the Residency Plan, which will guide the performance-based residency experience. The Residency Plan will also include refinement and continuing work completed on the eight performance-based activities derived from course work in the Program. The candidate will develop his/her Residency Plan, which will be presented to the Beginning Leader Support Team (BLST). The candidate and the BLST will collaborate to develop and approve the Residency Plan and the timeline, along with candidate goals for the Residency. The Residency will be guided by the members of the BLST with coaching to assist the candidate in development of leadership skills and dispositions. The candidate will generate an electronic portfolio to document the performances identified in the Residency Plan. This course is aligned to the Georgia Board of Regents Principles and ELCC Standards. Prerequisite(s):

A minimum grade of "C" in EDLD 8630, EDLD 8631, EDLD 8632, EDLD 8633, and EDLD 8634; a minimum grade of "S" in EDLD 8737 and EDLD 8738. Corequisite(s): EDLD 8635.

**EDLD 8830****Directed Study in Educational Leadership: 3-0-3**

Participants propose and carry out an independent research project. Projects may be in the areas of P-12 or higher education administration and/or supervision. The approved project will address the specialized preservice/inservice needs of the participant. Prerequisite(s): Instructor permission.

**EDLD 8839****Directed Research in Educational Leadership: 3-0-3**

Participants complete a fully formulated study in the area of educational administration or supervision, and orally defend a written report descriptive of that study. Prerequisite(s): A minimum grade of "C" in EDUR 7130, EDUR 8131, and EDUR 8434 or equivalents.

**EDLD 9231****Administrative Theory: 3-0-3**

Examines the nature of social science theory and its relation to the study of administrative practice in educational organizations. Theories are applied discretely and in combination, complex bodies of theoretical knowledge are assimilated and appropriate applications of theory in field research are considered. Participants directly apply theories in the conduct of research reviews of problem areas that integrate theoretical and practical knowledge in applicable ways. Prerequisite(s): Admission to Tier II doctoral study in Educational Administration.

**EDLD 9232****Decision Making/Problem Solving: 3-0-3**

Participants will be introduced to the dominant philosophical, organizational and managerial themes that support advanced study in the analysis of problems and theory concerning decision making, as well as, practical applications. The focus of this course is on a theoretical and research-based approach to the examination of decision making and problem solving in complex educational organizations. Prerequisite(s): Admission to Tier II doctoral study in Educational Administration.

**EDLD 9233****Leadership Theory: 3-0-3**

The integration of knowledge from previous seminars is the primary focus of this course. Students will apply multiple strategies and frames for understanding and interpreting individual and organizational behaviors of leaders. Connections between administrative theory, problem solving and decision making will be analyzed to explain leadership styles, traits and behaviors. Strategies and processes educational leaders use in developing and maintaining a current awareness of the status of their respective organizations are carefully considered. Prerequisite(s): Admission to Tier II doctoral study in Educational Administration and successful completion of EDLD 9231 and EDLD 9232.

**EDLD 9234****Doctoral Seminar: 3-0-3**

This course explores the rationale for pursuing a doctorate in educational administration within the context of personal preferences, professional competencies and organizational politics. Students are provided an orientation to the doctoral program in educational administration in anticipation of the tremendous demand for performance. Students enhance group participation skills, professional writing competences, analytical ability within a structured collegial environment. The primary context for the course is the history of educational administration. Prerequisite(s): Admission to Advanced Doctoral Study.

**EDLD 9235****Contemporary Issues in Educational Administration: 3-0-3**

This course examines the two extremes of doctoral study. At one end the student must analyze and synthesize the historical precedents that have provided direction to educational administration, particularly in their research area. At the other end the student must hypothesize and

conceptualize the current issues that are impacting administrators in complex educational institutions. Such a synthesis will provide guidance in a research agenda and ultimately in dissertation development. Prerequisite(s): Admission to Advanced Doctoral Study (Tier II).

**EDLD 9236****Diversity and Ethics for Educational Leaders: 3-0-3**

Focuses on issues that educational leaders may face relative to diversity and ethics. Examination of issues concerning race, sex, gender, class, and other special needs that may impact the educational leader's efforts to develop an ethical educational institution.

**EDLD 9331****Building Leadership Capacity: 3-0-3**

This course focuses on building individual and district leadership for effective schools. Candidates will examine leadership behaviors and dispositions from theoretical perspectives to identify ways individual leadership contributes to the development of vision and accomplishment of mission in a school/district setting. Given that leadership is a values-laden profession, dispositions of leadership candidates will be assessed and examined. Effective leadership behaviors in promoting learning and high-performance schools will be considered in light of leadership selection, development, and succession planning. A major component of the course will require development of a personal action plan to guide candidates to implement distributed leadership model within a school/district. Prerequisite(s): Admission to Tier II Ed.D. cohort in Educational Leadership (P-12 Education).

**EDLD 9332****Organizational Behavior in Education: 3-0-3**

In this course, candidates will review theoretical assumptions and empirical studies in organizational behavior in education. Candidates will be able to describe how assumptions/empirical claims have led (or not led) to dominant structures in American schools (political, economic, and legal dimensions). From the study of three perspectives of organizational culture, including integration, differentiation, and fragmentation, candidates will explore the usefulness of the three-perspective approach in analysis of their school/district culture. In addition, candidates will understand organizational identity to acquire skills to lead school/district to adapt to problems, performance expectations, and global challenges from the external environment that affect culture. Finally, approaches to help manage and change organizational culture will be assessed for utility in school/district settings. Prerequisite(s): Admission to Tier II Ed.D. cohort in Educational Leadership (P-12 Education).

**EDLD 9333****Ethics in Educational Leadership: 3-0-3**

This course is designed to prepare school leaders to identify and analyze ethical issues in education, with emphasis given to the role of the school leader in fostering an ethos of social justice in diverse communities. The course includes a survey of ethical theories and models for ethical decision-making, with candidates identifying and resolving ethical dilemmas from their own professional experiences. Prerequisite(s): Admission to Tier II Ed.D. cohort in Educational Leadership (P-12 Education).

**EDLD 9432****Program Evaluation for School Leaders: 3-0-3**

Program Evaluation covers the theory and practice of systematic investigation of instructional programs, projects, products, and processes. The course is designed to teach practitioners to enhance organizational performance, address quality improvement, or improve school curricula by assessing the effectiveness of endeavors. Prerequisite(s): Admission to Ed.D. cohort in Educational Leadership.

**EDLD 9434****Transformative Practice I: 3-0-3**

This course sets the foundation for transformative practice in schools/districts. Candidates will study transformational leadership in context of change models, explore ethical decision making in improving schools within, and acquire skills to assess school/district functions in preparation to leading change. In addition, candidates will demonstrate skills

in overcoming obstacles in the change process. The course will treat the development and application of transformative practice as requiring foundational knowledge and skills in five areas: 1) distinguish a transformational leadership approach from other leadership approaches; 2) understanding the instructional leadership change process as dual challenge of both organizational and individual growth; 3) assessing school/district/stakeholder readiness for change; 4) assessing dispositions underlying leadership behaviors; 5) overcoming obstacles. Candidates will design an instructional leadership change project using one school/district's performance data to implement. In Transformative Practice II, candidates will present the instructional leadership change project after a year of implementation. Prerequisite(s): Admission to Tier II Ed.D. cohort in Educational Leadership (P-12 Education).

#### **EDLD 9435**

##### **Transformative Practice II: 3-0-3**

In this course, candidates will be responsible for describing their instructional leadership change project assigned in Transformative Practice I. The candidate will be expected to describe the working relationship with a school/district to lead change (instructional improvement of a targeted need, a specific process, or function within school/district) based on analysis of school/district's performance data. Candidates will be expected to describe how they are leading instructional change in school/district (following assessment of performance data) by: assessing school's readiness for change; analyzing stakeholders and their needs associated with change; planning for early wins for school/stakeholders engaged in change process; minimizing resistance and planning for change consequences; using collaborative teams in process; and implementing change to improve targeted need or specific process or function. The core requirement of the course is to complete the transformative leadership project and report a description of: 1) how performance data led to identification of improvement initiative; 2) how the candidate led the school/district through the improvement process, including implementation of the change; 3) an evaluation of the impact of the process and specific change on both the organization and self; and, 4) recommendations for continuous monitoring and improvement. In addition, in class, each candidate will serve as a member of leadership practice community, where he/she will be expected to evaluate peer projects to make theory-based and evidence-based recommendations for continuous improvement. The candidate will be expected to present his/her change project at a local, state, national, or international conference and/or submit a paper to an appropriate journal for consideration for publication. Prerequisite(s): Admission to Tier II Ed.D. cohort in Educational Leadership (P-12 Education).

#### **EDLD 9531**

##### **Leadership in Higher Education: 3-0-3**

This course is planned for current and prospective leaders who seek to learn more about leadership in higher education in this new global era. Students will study several theoretical perspectives that have gained some credibility and research basis over the last several decades. In addition, students will read about or hear first person accounts of leaders' experiences in higher education administrative roles. Participants will be asked to relate course material to their own current experience and personal goals. The ultimate goal of the course will be to create a personal knowledge base from which to create a plan for developing or refining one's own leadership outlook as a current or prospective professional in higher education administration. Prerequisite(s): Admission to Tier II Ed.D. cohort in Educational Leadership (Higher Education).

#### **EDLD 9532**

##### **Higher Education Resource Allocation and Deployment: 3-0-3**

Emphasis on financial policies, planning, and budgeting; allocation; financial analysis and management, patterns of expenditure, sources of income including grantsmanship, philanthropy, and fundraising. Relationships between educational objectives and resource allocation. Prerequisite(s): Admission to Tier II Ed.D. cohort in Educational Leadership (Higher Education).

#### **EDLD 9533**

##### **Globalization and Higher Education: 3-0-3**

Candidates will explore the social, educational, economic, and political structures of globalization and the resulting impact on the mission and vision for higher education. Candidates will review major works on how higher education around the world has changed as a result of globalization and how higher education in the U.S. will meet the challenge to internationalize. Participants will focus on analysis of educational issues on a worldwide basis with opportunities to focus on a particular country and analysis of qualitative research methods as used in cross-cultural and comparative education studies. Prerequisite(s): Admission to Tier II Ed.D. cohort in Educational Leadership (Higher Education).

#### **EDLD 9534**

##### **Cognitive Issues in Higher Education: 3-0-3**

This course will explore and critically examine recent scholarly writing and research on teaching and learning in higher education. Topics will include recent developments in adult education theory, innovations in curriculum design and delivery, best practices in college teaching, student support, and assessment. Prerequisite(s): Admission to Tier II Ed.D. cohort in Educational Leadership (Higher Education).

#### **EDLD 9535**

##### **Executive Leadership in Higher Education: 3-0-3**

This course will examine the theoretical approaches that define and describe various elements of academic and student affairs environments. Emphasis will be placed on executive-level positions in academic and student affairs administration in postsecondary institutions (e.g., department heads, deans, vice presidents) encompassing the knowledge and skills for current and future leaders in higher education. This course will include analysis and interpretation of research related to higher education, with implications for application of findings for improvement of colleges and universities. Prerequisite(s): Admission to Tier II Ed.D. cohort in Educational Leadership (Higher Education).

#### **EDLD 9631**

##### **Research Seminar I: 3-0-3**

The first of a two-course sequence designed to culminate in a comprehensive review of literature. In this first course, students initiate a comprehensive review of literature by critically analyzing research reports and compiling an extensive annotated bibliography. Students will select a broad area of inquiry from a list maintained by program faculty. Then, students will be encouraged to work in a research group of two or four persons per group to explore different aspects of that area of inquiry. The collaborative model will provide students with an expansive digest of research from which they can begin to prepare the outline for a focused review of literature. Prerequisite(s): Admission to Tier II doctoral study in Educational Leadership.

#### **EDLD 9632**

##### **Research Seminar II: 3-0-3**

The second of a two-course sequence designed to culminate in a comprehensive review of literature. In this second course, students prepare a comprehensive review of literature suitable for use (with requisite adaptation) as a Chapter II in a dissertation. In addition, the course will introduce candidates to writing for publication. Candidates will submit the manuscript for editorial review (and possible publication) to an appropriate academic journal as part of course requirements. Prerequisite(s): A minimum grade of "C" in EDLD 9631

#### **EDLD 9999**

##### **Dissertation: (1-3)-0-(1-3)**

Students are provided support and direction in completing the doctoral dissertation. The course provides guidance from both the dissertation supervising chair and the dissertation committee. Prerequisite(s): Admission to Tier III doctoral degree candidacy.

### **Education Math Science (COE)**

#### **EDMS 6131**

##### **Becoming an Advanced Teacher: 3-0-3**

This course is designed to assist teachers in developing and connecting the advanced-level of competencies in all domains of the Georgia Framework



for Teaching into their teaching practices. Emphasis is placed on exploring and applying the knowledge, skills, and dispositions of teaching within each domain.

## Education Science (COSM)

### EDSC 5131G

#### 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 5132G

#### 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 5151G

#### 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 5152G

#### 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 5162G

#### 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.

### EDSC 5161G

#### 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.

## Curriculum (COE)

### EDUC 7130

#### Curriculum, Theories and Design: 3-0-3

A comprehensive overview of the field of curriculum designed to develop the theoretical knowledge competencies and strategies needed by teachers and other curriculum developers at all levels of education to participate in the curriculum change process.

### EDUC 8130

#### Curriculum for Effective Schooling: 3-0-3

Explores the relationship between policy and curriculum with particular attention to how school reform and restructuring efforts affect the curriculum. Special emphasis is given to an analysis of the impact of recent effective schools research, school restructuring and/or the national standards movement upon the formulation and delivery of public school curriculum in the United States. Prerequisite(s): EDUC 7130.

### EDUC 8230

#### Curriculum Design and Evaluation: 3-0-3

Examines multiple theoretical bases and practical processes by which curriculum planning, design and evaluation decisions can be made. Students will have an opportunity to devise and critique their own plans for developing curriculum projects using one or more of these planning perspectives and processes.

### EDUC 9130

#### Contemporary Curriculum Theorists: 3-0-3

An advanced course in contemporary curriculum theorists in which students will explore the histories and the works of contemporary leaders in the field of curriculum studies. Students will be introduced to the leading edge of curriculum scholarship. Prerequisite(s): Instructor permission required.

### EDUC 9132

#### Critical Reading in Curriculum: 3-0-3

An advanced seminar for doctoral students offering an in-depth study of a specific topic in Curriculum Studies. Prerequisite(s): Admission into the Ed.D. program in Curriculum Studies and permission of advisor and instructor.

### EDUC 9230

#### Power and Schooling: 3-0-3

Explores competing analyses of power and the relationships of these analyses to schooling. Topics include structural, poststructural, Marxist, neo-Weberian, feminist, conflict, and/or critical analyses of power and the process of schooling. Students will read both original writings and interpretive works addressing three or four major theoretical positions of the topic of power.

### EDUC 9232

#### Forms of Curriculum Inquiry: 3-0-3

An examination of major research within the field of curriculum studies, along with an analysis of the varied forms of inquiry used in this research, including philosophical, practical, historical, empirical, theoretical, critical, deliberative and action inquiry, among others. Prerequisite(s): EDUC 9631 and EDUF 9133.

### EDUC 9631

#### Advanced Seminar in Curriculum Theory: 3-0-3

Examination of major curriculum theories, their adequacy and merit. These theories will be studied in their originator's own words from the writings of the theorists themselves. Prerequisite(s): EDUF 9133.

### EDUC 9632

#### Advanced Seminar in Qualitative Dissertation Writing: 3-0-3

This course provides both practical and theoretical implications for qualitative research. Building upon the broad survey research methods studied in EDUR 9231, students will engage in in-depth analysis of various forms of qualitative research, as well as develop and articulate their own research agenda. Prerequisite(s): EDUR 9231.

**EDUC 9633****Research Seminar in Curriculum Studies: 3-0-3**

Explorations and independent research for students in the area of Curriculum Studies for students pursuing the Ed.D. in Curriculum Studies. Prerequisite(s): Admission into the Ed.D. program in Curriculum Studies and permission of advisor and instructor.

**EDUC 9999****Dissertation: (1-3)-0-(1-3)**

Readings and research under the direction of a member of the education faculty whose interests coincide with those of the student. Repeatable for credit. Prerequisite(s): Admission to Ed.D. Candidacy.

**Educational Foundations (COE)****EDUF 7090****Selected Topics in Educational Foundations: (1-3)-0-(1-3)**

Readings and research under the direction of a member of the educational research faculty whose interests coincide with those of the student. Prerequisite(s): Permission of the instructor.

**EDUF 7130****Learning Theories and Applications: 3-0-3**

Examines the principles and theories of learning that serve as the basis for educational models and practices. Special emphasis is given to recent empirical findings and to practical applications and theory to educational settings.

**EDUF 7140****Learning, Cognition, and Curriculum: 3-0-3**

This three-hour course examines principles and theories of human cognitive processes on education and determines how this knowledge can be best applied to the development of skills for instruction and assessment of students. Individuals will explore political, social, economic, and cultural contexts of monitoring and evaluating the implementation of a standards-based curriculum and develop an understanding of transformative curriculum leadership that empowers teachers and helps them to accomplish emancipatory teaching and learning.

**EDUF 7233****School and Society: 3-0-3**

Examines the contributions of the social sciences to debates about the interrelated nature of school and society. Focuses particularly on a theoretical examination of the purposes of education and schooling in a democratic society.

**EDUF 7235****Multicultural Education: 3-0-3**

Using an interdisciplinary approach, this seminar investigates underlying theoretical concepts and social assumptions that both inform and impede efforts in multicultural education.

**EDUF 8131****Theories of Adolescence: 3-0-3**

The rapidly changing world of today's adolescents and the ever-changing nature of the field of adolescence will be examined from three perspectives: theory, research and contemporary social forces. This course will be eclectic in its orientation. Rather than adopting one theoretical position, various views will be discussed. Similarities and differences among theories will be examined, in addition to an analysis of strengths, weaknesses, and contributions of each, as well as the implications for educating, guiding and working with adolescents.

**EDUF 8133****Interaction and Learning: 3-0-3**

Examine views of learning which emphasize the importance of interaction, authenticity and the social construction of knowledge. Students will also explore instructional practices and assessment issues consistent with these perspectives. Relevant theories, research, and practical implications will be examined for each perspective addressed. Perspectives and practices which

will be explored may include, but are not limited to, constructivism, situated cognition, the social formation of mind, cooperative learning, and authentic assessment.

**EDUF 8134****Models of Motivation: 3-0-3**

Critically examines how contemporary models of motivation are utilized to improve the delivery of instruction. Special emphasis is placed on the theoretical principles, empirical research and educational strategies involved in the design and implementation of motivational models.

**EDUF 8135****Thinking and Problem Solving: 3-0-3**

Examines current conceptions and models of critical thinking and creative problem solving as they relate to learning and instruction. Emphasis will be given to how instructional practices can positively affect students' thinking skills and dispositions for learning and to methods designed to increase students' awareness and control of their thinking processes. In addition, the course will evaluate the effectiveness of current programs designed to teach critical thinking and problem solving strategies across the curriculum and within specific content areas. Prerequisite(s): EDUF 7130.

**EDUF 8136****Theories of Human Development: 3-0-3**

Examines theories of human development, with a focus on infancy to adolescence. Major theoretical perspectives pertaining to several aspects of development, such as cognitive, social, moral, emotional and personality development, will be considered. In addition, students will gain an understanding of the value of theories in general, as well as, the particular characteristics of a good theory, in order to critically evaluate these theories in light of empirical research evidence.

**EDUF 8231****Global Education: 3-0-3**

This course focuses on the analysis of theories and practices of transformative educational reforms and changes in various countries in the era of globalization, cultural interrelatedness, and interdependence of the world. Prerequisite(s): A minimum grade of "C" in EDUF 7235.

**EDUF 8233****Regional Issues In Multicultural Education: 3-0-3**

This field based course will involve students in researching the local multicultural educational needs, issues and problems and developing strategies for constructing a pluralistic and culture-tolerant environment in the schools and/or communities of the region. Prerequisite(s): A minimum grade of "C" in EDUF 7235.

**EDUF 8236/8236S****International Study of Educational Practices: 3-0-3**

This course offers students the opportunity to examine educational practices of another country through travel abroad, involvement in international initiatives, and/or use of technology. Students will be asked to reflect on the American educational system -- theoretical perspectives, curriculum, instructional methodologies, and comparative issues and trends -- to compare and contrast it with another country's educational system. Topics will be investigated through selected readings, observations, participation, and discussions.

**EDUF 8831****Philosophies of Education: 3-0-3**

In this course, students study the major philosophical schools of thought which inform all educational activities. Particular attention is given both to current and historical writings, and the relationship of philosophical assumptions to current practices in the process of schooling.

**EDUF 8890****Directed Individual Study in Educational Foundations: (1-3)-0-(1-3)**

Readings and research under the direction of a member of the educational research faculty whose interests coincide with those of the student. Prerequisite(s): EDUF 8831 or permission of instructor.

**EDUF 9131****Ethical Dimensions of Education: 3-0-3**

Develops an understanding of ethical obligations and considerations within the field of education through case studies immediately applicable to their professional lives. Students will explore traditional ethical systems, such as Consequentialism and Situationalism, as well as, more contemporary perspectives including those of equity and technology. Prerequisite(s): EDUF 8831.

**EDUF 9132****History of American Curriculum: 3-0-3**

An advanced course in curriculum studies designed to provide an in-depth analysis of the major historical curriculum documents, trends and reform movements that have given form and shape to the American public school curriculum. Special emphasis will be given to the interpretation and critique of the competing curriculum discourses, especially as they appear in primary source historical curriculum documents, state/local curriculum guidelines and textbooks. Prerequisite(s): Ed.D. admission.

**EDUF 9133****Theories of Educational Inquiry: 3-0-3**

An advanced seminar in the field of curriculum investigating the major paradigms within which the competing methodologies of empirical educational inquiry are grounded and the epistemological and ethical issues involved in conducting research within each paradigm. Prerequisite(s): Ed.D. admission.

**EDUF 9234****History of American Education: 3-0-3**

Focuses on the social, political, economic and ideological forces that have shaped the growth and development of the American public school system from colonial times to the present. A special emphasis will be an analysis and critique of the purpose, structure, function and results of the various school reform movements in American history.

**EDUF 9631****Seminar in Cultural Studies: 3-0-3**

This advanced seminar investigates contemporary questions and movements in the field of cultural studies. Prerequisite(s): EDUF 7235.

**Educational Research (COE)****EDUR 7090****Selected Topics in Educational Research: (1-3)-0-(1-3)**

Readings and research under the direction of a member of the educational research faculty whose interests coincide with those of the student. Prerequisite(s): Permission of the instructor.

**EDUR 7130****Educational Research: 3-0-3**

A comprehensive overview of topics related to research as it is applied to educational settings. Emphasis is placed upon methods of quantitative and qualitative research, especially in regard to applied and basic research in education.

**EDUR 8131****Educational Statistics I: 3-0-3**

Topics covered in this course include central tendency, variability, distributions, correlation, significance testing, t-tests, linear regression and chi-square analysis. Emphasis is placed on application of statistics in educational research situations. Prerequisite(s): EDUR 7130 or equivalent or permission of instructor.

**EDUR 8132****Educational Statistics II: 3-0-3**

This is an advanced statistics in education course that extends knowledge of educational research situations and statistical procedures beyond EDUR 8131. Emphasis is placed on more complex analysis of variance procedures (e.g., repeated measures, analysis of covariance), multiple regression analysis and multiple dependent variable techniques (e.g., canonical correlation) as applicable to current educational research problems. Prerequisite(s): A minimum grade of "B" in EDUR 8131 or equivalent.

**EDUR 8434****Field-Based Educational Research: 3-0-3**

Designed primarily to assist Ed. S. level students in developing a sound research proposal for the conduct of an independent research project required as part of their Ed.S. program. Prerequisite(s): EDUR 8131 or equivalent.

**EDUR 8890****Directed Individual Study: (1-3)-0-(1-3)**

Readings and research under the direction of a member of the educational research faculty whose interests coincide with those of the student. Prerequisite(s): Permission of instructor.

**EDUR 9131****Doctoral Research Methods: 3-0-3**

The purpose of this course is for doctoral-level students to gain a firm foundation in educational research prior to enrollment in the more specialized courses in quantitative methods. Students engage in an applied research project that updates their understanding of research procedures (hypothesis generation, sampling theory, instrument construction, measurement concepts and descriptive and inferential statistics). Emphasis is on the "hands-on" application of advanced inquiry skills. Prerequisite(s): EDUR 7130 and EDUR 8131 or equivalent courses.

**EDUR 9231****Qualitative Research in Education: 3-0-3**

Examines a broad survey of major styles of qualitative/descriptive research, as well as, attention to the major field work techniques and problems associated with conducting qualitative research. Prerequisite(s): EDUR 7130.

**EDUR 9232****Advanced Qualitative Research: 3-0-3**

An advanced graduate level course in qualitative data analysis for educational research which includes an in-depth treatment of the analytical approaches for each of the major traditions in qualitative research as well as the technologies used to assist in analysis. Prerequisite(s): A minimum grade of "B" in EDUR 9231.

**Electrical Engineering (CEIT)****EENG 5090G****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. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level. Prerequisite(s): As determined by the instructor.

**EENG 5242G****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. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level. Prerequisite(s): A minimum grade of "C" in EENG 3241 or permission of instructor.

**EENG 5243G****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. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level. Prerequisite(s): A minimum grade of "C" in EENG 3241 and EENG 3330 or permission of instructor.

#### **EENG 5341G**

##### **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. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level. Prerequisite(s): A minimum grade of "C" in EENG 3340, or MENG 3521 or permission of instructor.

#### **EENG 5342G**

##### **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. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level. Prerequisite(s): A minimum grade of "C" in EENG 3340 or permission of instructor.

#### **EENG 5431G**

##### **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. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level. Prerequisite(s): A minimum grade of "C" in EENG 3420 or permission of instructor.

#### **EENG 5432G**

##### **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. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level. Prerequisite(s): A minimum grade of "C" in EENG 3241 or MENG 3521 or permission of instructor.

#### **EENG 5532G**

##### **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. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level. Prerequisite(s): A minimum grade of "C" in EENG 3230, and EENG 5540 or EENG 5540G or permission of instructor.

#### **EENG 5540G**

##### **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. Graduate students will complete an independent research project which involves a written and oral presentation

not required at the undergraduate level. Prerequisite(s): A minimum grade of "C" in EENG 3420 or permission of instructor.

#### **EENG 5541G**

##### **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. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level. Prerequisite(s): A minimum grade of "C" in EENG 5540 or EENG 5540G or permission of instructor.

#### **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 or permission of the instructor.

#### **EENG 5891G**

##### **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. Graduate students will complete an independent research project which involves a written and oral presentation not required at the undergraduate level. Prerequisite(s): As determined by the instructor.

### **Executive MBA Consortium (COBA)**

#### **EMBA 7030**

##### **Information Technology Management: 0-0-3**

Designed to enable the manager to effectively utilize and manage information technology in the applied business environment. The course focuses on the managerial, not the technical aspects of information management. No prior technical expertise is required. Relevant readings and cases are used to apply the concepts and techniques presented in the course. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7120**

##### **Negotiations: 0-0-2**

Negotiations explores formal and informal ways that managers negotiate differences. Treats negotiation with peers, supervisors, subordinates, suppliers, customers, outside agencies, and others as a core managerial process. Examines research and concepts developed in a number of academic fields, and looks closely at personal skills and experiences. Requires intense involvement in negotiation simulation exercises, and thoughtful application of theory and research. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7130**

##### **Financial Reporting and Analysis: 0-0-3**

This course focuses on the interpretation of financial statement information for decision making. Topics include understanding the importance of industry context and the firm's own strategic choices in evaluating the financial statement; assessing the quality of financial statement information and recognizing situations where more stringent forensic accounting measures might be appropriate; evaluating profitability and risk; associating subsets of the available analytical tools with the kinds of decisions for which

they are most appropriate; and recognizing the effects of GAAP on the input variables of various firm valuation models. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7132**

##### **Legal and Ethical Issues in Business: 0-0-3**

A survey of the legal and ethical rules which govern the managerial decision making process, particularly focusing on constitutional "Commerce Clause" interpretation, contract and agency principles, administrative agency regulations, and evolving ethical issues which influence the application of the law. The course is set in domestic law, but includes operational legal aspects of the international market place. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7230**

##### **Managerial Decision Analysis: 0-0-3**

The course will provide a conceptual paradigm for decision makers to construct models and analyze decisions in today's business environment. Quantitative methods will be used to construct models with emphasis placed on representing real world problems and gaining insight and understanding of the decision making process. Specific models developed may include, but are not limited to, statistical fundamentals and probability for decision making, multiple regression and forecasting models. The course will be spreadsheet based. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7231**

##### **Managerial Finance: 0-0-3**

A study of financial risk and return, capital budgeting, valuation, capital structure, working capital management and current topics in financial management. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7232**

##### **Management of Operations for Competitive Advantage: 0-0-3**

The objectives of this course are to familiarize students with the problems and issues confronting operations managers and to examine the key tools and techniques that have proven applicable to deal with these issues – their objectives, their principles and the requirements for their successful implementation. It examines how distinct business strategies require distinct operational processes and how distinct operational capabilities can enable diverse strategies to achieve competitive advantage. The course focuses on key management attitudes and tools to direct the process of continuous improvement and transformation. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7233**

##### **Financial Modeling: 0-0-3**

The focus of this course is on developing spreadsheet models for a wide variety of financial concepts including, but not limited to portfolio optimization, derivatives pricing, financial engineering methods, asset allocation, value at risk, asset prices, etc. Students will gain familiarity with the financial instruments through the construction of the models, and will gain greater insights by analyzing and solving the models. Simulation and optimization may be used to analyze the models. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7330**

##### **Managerial Economics: 0-0-3**

Introduces the basic tools of microeconomics and macroeconomics to analyze management decisions and competitive strategies of firms in a market economy. Microeconomic concepts of supply and demand, production, cost, and market structure are combined with macroeconomic issues related to fiscal and monetary policy to form a solid understanding of the relationship between the structure and performance of the business firm and the economic environment in which it operates. Prerequisite(s):

Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7420**

##### **Leadership, Motivation and Organizational Change: 0-0-2**

A study of leadership, motivation and organizational change. Using readings, cases, discussion, and guest speakers, the course explains the importance of leadership, motivation, power, and influence in organizational life. Special emphasis is placed on leadership for change. Also, provides an overview of the field of organization development (OD) and the management of change in today's organizations. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7430**

##### **Strategic Marketing Management: 0-0-3**

A strategy planning approach to marketing management from conception and application perspectives. Focus is on the strategic decision-making process supported by self-analysis and external analysis. Legal, ethical, and international aspects are also considered. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7431**

##### **Corporate Entrepreneurship: 0-0-3**

Designed for entrepreneurs, managers, and consultants interested in stimulating and preserving creativity and innovation in established organizations. Topics include the forces affecting the nature and rate of innovation, the advantages and disadvantages of existing organizations in pursuing innovation objectives, and the choices made by managers at different levels in the organization that promote or hinder creativity and its successful exploitation. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7432**

##### **Social Issues in Business: 0-0-3**

Overview of the social issues on managerial decision making. Examines the role of the businessperson in modern society. Considers business and society responsibility, pollution, consumerism, micro-lending, and the social responsibilities of multinational corporations. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7433**

##### **Global Business Strategy: 0-0-3**

This course focuses on global strategic management and encourages the analysis and development of business strategies within a global environment. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7630**

##### **Introduction to Entrepreneurial Leadership: 0-0-3**

First residency interdisciplinary course. Course covers fundamentals of team building and presents the students with various leadership tools and assessments. An introduction to Entrepreneurship is also covered. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7730**

##### **Domestic Business Practicum: 0-0-3**

The course is designed to be the capstone for the Executive MBA program. Students will participate in a domestic field study that involves providing consultancy services to local area business. Emphasis will be placed on the creation and development of business plans and due diligence projects. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

#### **EMBA 7731**

##### **International Experience: 0-0-3**

The course is designed to be the capstone for the Executive MBA program. Students will participate in a study abroad experience which will investigate

how business is conducted outside of the United States, with specific focus on how culture impacts the way people do business. Students will participate in academic lectures, business visits/plant tours and experience culturally significant landmarks in the destination country. Prerequisite(s): Admission into the Executive MBA Program and completion of EMBA prerequisites or Director approval.

## English (CLASS)

### ENGL 5090G

#### 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 5131G

#### 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 5134G

#### 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 5135G

#### 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 5136G

#### 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 5138G

#### 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 5139G

#### 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 5230G

#### 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 5231G

#### 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 5233G

#### 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): 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 5234G

#### 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 5235G

#### 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): 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 5236G**

#### **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, Eavan 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/COML 5330G**

#### **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 5331G**

#### **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 5332G**

#### **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 5430G**

#### **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 5432G**

#### **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 5434G**

#### **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 5438G**

#### **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 5530G**

#### **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 5534G**

#### **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 5535G**

#### **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 5536G**

##### **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 5538G**

##### **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/AAST/WGST 5539G**

##### **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 7634**

##### **Seminar in Twentieth-Century British Literature: 3-0-3**

A study of British prose, poetry, or drama of the twentieth century, with emphasis and works to be chosen by the instructor.

#### **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 7639****Seminar in Selected Topics: 3-0-3**

Selected topics in English.

**ENGL 7999****Thesis: (1-9)-0-(1-9)****Environmental Health Sciences (COPH)****ENVH 7090****Selected Topics in Environmental Health Sciences: (1-3)-0-(1-3)**

Allows the student the opportunity to receive specialized and/or focused instruction in an environmental health topic not generally offered by the department. Prerequisite(s): Permission of instructor.

**ENVH 7231****Air Quality: 3-0-3**

Introduces students to chemical, physical, and biological principles of air quality, as well as potential sources of contamination and the resulting effects. The course will also introduce environmental policies pertinent to air issues along with current remediation strategies to ameliorate pollution. Prerequisite(s): A minimum grade of "C" in PUBH 6532 or permission of Instructor.

**ENVH 7232****Water Quality: 3-0-3**

Introduces students to chemical, physical, and biological principles of water quality, as well as potential sources of contamination and the resulting effects. The course will also introduce environmental policies pertinent to water issues along with current treatment and remediation strategies to ameliorate pollution. Prerequisite(s): A minimum grade of "C" in PUBH 6532 or permission of Instructor.

**ENVH 7233****Environmental Exposure and Impact Assessment: 3-0-3**

This course introduces students to appropriate design, implementation, and analysis of primary environmental exposures. Specific topics covered include designing risk profiles, analyzing field exposures of toxins, development of impact assessments, and evaluating dose-response relationships. Prerequisite(s): A minimum grade of "C" in PUBH 6533 or PUBH 6541; and ENVH 7231 or ENVH 7232; or permission of instructor.

**ENVH 7234****Environmental Toxicology: 3-0-3**

Introduces students to concepts associated with the lethal and sub-lethal effects of environmental and occupational stressors on humans and other living organisms. Prerequisite(s): A minimum grade of "C" in PUBH 6532 or permission of instructor.

**ENVH 7235****Field Methods in Environmental Health: 3-0-3**

This course introduces students to an overview of current and accepted standards of environmental and occupational exposure monitoring. Also examines the field methodology related to sample collection for water and air quality monitoring.

**ENVH 7236****Spatial Analysis for Environmental Health Sciences: 3-0-3**

Introduces students to concepts and methods of spatial analysis related to environmental health problems and public health planning. Students will also employ basic concepts of mapping through the use of applicable Geographic Information Systems software.

**ENVH 7237****Risk Assessment and Communication: 3-0-3**

Introduces students to the qualitative and quantitative skills necessary to evaluate the probability of injury, disease, or death in the general population from exposure to environmental contaminants. Hazard identification, exposure assessment, dose-response evaluation, and risk characterization are highlighted. Risk communication includes developing practical skills in assessing health concerns and explaining potential health risks or risk management to the general public. Prerequisite(s): A minimum grade of "C" in ENVH 7233 or permission of instructor.

**ENVH 7238****Environment, Ethics and Equity: 3-0-3**

Introduces students to theory, concepts and methods of ethics and equity related to one's location. Topics to be addressed include environmental justice, public health ethics, impacts on equity and disparities. Students will also employ basic concepts of spatial analysis through the use of applicable Geographic Information Systems (GIS) software.

**ENVH 7890****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.

**Epidemiology (COPH)****EPID 7090****Selected Topics in Epidemiology: (1-3)-0-(1-3)**

Allows the student the opportunity to receive specialized and/or focused instruction in an epidemiology topic not generally offered by the department. Prerequisite(s): Permission of instructor.

**EPID 7131****Epidemiology of Chronic Disease: 3-0-3**

This course is designed to introduce the student to the ever-expanding area of chronic disease epidemiology. Students will be introduced to the current status of chronic disease and control programs, methods used in chronic disease surveillance, intervention methods, and modifiable risk factors. Some of the major chronic diseases such as cancer, cardiovascular disease, chronic lung disease, diabetes and arthritis will be discussed in detail. Prerequisite(s): A minimum grade of "B" in PUBH 6533 or permission of instructor.

**EPID 7133****Epidemiologic Research Methods I: 3-0-3**

This course will focus on epidemiologic methods - primarily methods used in observational studies using existing data, cohort studies, case-control studies and randomized controlled trials. With respect to cohort studies, topics covered include cohort identification, ascertainment of exposure status, follow-up of cohort members, measuring outcomes, sources of bias and interpretational issues. Case-control topics include issues around defining cases and controls, control of confounding, and sources of bias/systematic error. Topics around randomized trials include randomization procedures, defining and assembling treatment/intervention arms, selecting study subjects and approaches to data collection. Other topics covered in this course include surveillance and ecologic studies. Pros and cons of all study designs will be discussed, in part through readings of published papers. Fundamentals of data analysis will also be addressed, but a detailed discussion of that material will be covered in EPID 7134. Prerequisite(s): A minimum grade of "B" in BIOS 6541.

**EPID 7134****Epidemiologic Research Methods II: 3-0-3**

This course provides instruction and hands-on experience in the analysis and interpretation of data from epidemiologic studies. Topics to be covered include epidemiology research questions that can be addressed by case-control and cohort studies, the rationale underlying the major techniques used to analyze data from case-control and cohort studies, the conditions under which these methods are appropriate and their relative advantages and disadvantages. Attention will be given to how interactions, confounders and nonlinear relationships among variables can be addressed along with interpretation of statistical software output from epidemiologic studies

employing these designs and analytical methods. Prerequisite(s): A minimum grade of "B" in EPID 7133 or permission of instructor.

### EPID 7135

#### **Epidemiology of Infectious Disease: 3-0-3**

This course is designed to provide students with an overview of the principles and practices of infectious diseases epidemiology with focus on how the presence and control of communicable diseases effects public health locally, nationally and internationally. Topics to be covered include: 1) general principles of infectious diseases epidemiology, including outbreak investigation, surveillance, analysis of infectious diseases data, and laboratory testing of specimens; 2) major modes of infectious disease transmission, including airborne, food and water, zoonotic, insect vector, blood, and sexual transmission; 3) different control strategies for infectious diseases, including infection control, antimicrobial management, immunization, risk factor modification, and screening; 4) the practical application of epidemiologic tools for the understanding and control of infectious diseases. Prerequisite(s): A minimum grade of "B" in BIOS 6541 and PUBH 6533 or permission of instructor.

### EPID 7230

#### **Social Epidemiology and Health Equity: 3-0-3**

This course will focus on understanding the social determinants of health. The course will provide an analysis of major social variables that affect population health: poverty, social class, gender, race, family, community, work, behavioral risks, and coping resources. Readings and discussion center on understanding the theories, measurement and empirical evidence related to specific social conditions and experiences such as socioeconomic position, discrimination, social networks and support, work conditions, ecological level neighborhood and community social conditions, and social and economic policies. Biological and psychological mechanisms by which social conditions influence health will be discussed. Methods are introduced to operationalize each construct for the purposes of empirical application in epidemiologic research. Prerequisite(s): A minimum grade of "B" in PUBH 6533 or permission of instructor.

### EPID 7233

#### **Public Health Surveillance: 3-0-3**

This course will provide students with a strong foundation in public health surveillance of both health conditions and risk factors. The course will teach the theory and practice of surveillance supported by many examples of surveillance systems from the developed and developing world. The class will build on and reinforce basic epidemiologic concepts. Students will be given the opportunity to design and evaluate a surveillance system. Prerequisite(s): A minimum grade of "B" in PUBH 6533 or permission of instructor.

### EPID 7890

#### **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.

## **Early Childhood Middle Grades-Secondary Education (COE)**

### ESED 5233G

#### **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 5234G

#### **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 5235G

#### **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 or ESED 5233G, ESED 5234 or ESED 5234G, 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 5799G

#### **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.

### ESED 6799

#### **Supervised Internship: 0-40-9**

A fifteen-week supervised teaching experience in the specific teaching field and grade levels for which one is being certified. Candidates seeking initial certification in middle grades or in one of the secondary or P-12 teaching fields will complete the supervised internship for initial certification. Emphasis is placed on instructional planning, methodology, classroom management, and assessment of student learning. Prerequisite(s): Completion of teaching field and professional education courses, a supervised practicum in one's teaching field, and admission to the Supervised Internship.

### ESED 7090

#### **Special Topics: 3-0-3**

Promotes specialized training appropriate to the needs of inservice teachers. Attention will be given to a range of specific problems as they relate to the P-12 teaching fields. Prerequisite(s): Permission of the advisor, instructor, and department chair.

### ESED 7131

#### **Enhancing Student Performance: 3-0-3**

The course will emphasize strategies for selecting and adapting curriculum, instruction, resources, and assessments in order to maximize learning. The course will provide educators with ways to identify, analyze, and use results from multiple performance assessments to plan instruction aimed at enhancing and demonstrating learning. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field. Prerequisite(s): Candidates in the MAT Middle Grades and Secondary Education must have completed SCED 6131 or MGED 6131 with a minimum grade of "C".

### ESED 7132

#### **Framework for Teaching: 3-0-3**

A study of teaching and learning strategies associated with effective teaching practices. Emphasis is placed upon the relationships that exist between student development, instructional practices, educational environments, continuous reflection and assessment, learning communities, and dispositions of the profession.

### ESED 7133

#### **Trends, Issues, and Research in Education: 3-0-3**

Designed to help practitioners develop critical frameworks for designing and evaluating educational practices and programs within the context of current trends and issues in education. Emphasis is placed on specific research

findings and their application to practice, in addition to the development of analytical and communicative skills needed to improve teaching and learning. Candidates will formulate their own professional goals that will culminate with the presentation of a professional portfolio at the end of the program.

**ESED 8130****Research on Current Trends and Issues: 3-0-3**

This course provides candidates the opportunity for in-depth exploration and reflection of current trends, issues and research of effective teaching and learning. Emphasis is placed on the topics of reform/renewal and the moral dimensions of teaching and learning. Candidates will identify researchable topics, examine and synthesize quantitative and qualitative research related to such topics and write a first draft of a literature review. Prerequisite(s): Admission into the Ed. S. Program.

**ESED 8131****Teacher Leadership: 3-0-3**

This course is an action-oriented experience that explores the multiple aspects of the teacher as a leader. Teachers will discover their own leadership potential as they delve into the characteristics of leadership, adult development, the school culture, interpersonal and technical skills, and tasks and functions of leadership. Examination and application of processes, systems, strategies, and leadership to achieve results in classroom, building, and larger educational arenas. A goal is to develop a working knowledge of characteristics of successful organizational systems, core values, and educational concepts that ensure continual improvement of teaching and leadership methods. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in ESED 8130.

**ESED 8132****Curriculum and Instruction: 3-0-3**

This course is designed to provide the experienced teacher and graduate candidate with an opportunity to examine and explore current trends and issues in curriculum and instruction and the impact of these trends and issues on student learning outcomes. A focus is on the critical evaluation of traditional and non-traditional curriculums, the influence of professional standards on curriculum across content areas, and the development of effective instructional practices to enhance academic achievement for all students. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "C" in ESED 8130.

**ESED 8537****Trends: Math/Science/Computer Education: 3-0-3**

Current trends and issues in teaching mathematics, science, and computing technology in the schools. Emphasis is placed on research findings, recommendations of professional organizations and effective practices that connect the teaching of mathematics and science, supported by computing technology. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

**ESED 8538****Applications: Math/Science Education: 3-0-3**

Addresses the integration of mathematics and science in the classroom and serves to correlate knowledge from science and mathematics courses with practical applications in local industries. Topics focus on applications of mathematics in science contexts, while emphasizing the relevance of mathematics and science to every day life. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

**ESED 8539****Computer Technology in Math/Science Education: 3-0-3**

Applications of computing technologies such as graphics calculators, computers and the Internet in the classroom. Emphasis is placed on integrating these technologies into the teaching of school mathematics and science. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

**ESED 8839****Seminar and Field Study: 2-1-3**

Students will initiate, complete and present an acceptable field-based research study, developed and approved in EDUR 8434. This course will focus on collecting, organizing and analyzing data, as well as composing a formal research paper based on the research study. The course culminates with an oral presentation of the study. Seminars will be held that focus on current trends, issues, and research in one's teaching field and certification level. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field. Prerequisite(s): EDUR 8131, EDUR 8434, ESED 8130, ESED 8132, and ITEC 8231.

**ESED 8890****Directed Individual Study: 0-(1-3)-(1-3)**

The candidate, under the direction of the instructor, will identify and study a topic applicable to one's teaching field. Prerequisite(s): Approval of advisor, instructor and department chair.

**ESED 9131****Inquiry and Development of Educational Practice: 3-0-3**

This course is designed to provide the doctoral candidates with a critical understanding of the diversity of roles of professionals in education. This course will focus on exploring the dimensions of inquiry as it supports, enhances, and strengthens the development of educational practice in a variety of settings. Doctoral candidates will develop the skills and competencies in the research and design of grant and presentation proposals, as well as in the reflective analysis of teaching and professional growth. Course will include a field component. Prerequisite(s): Ed.D. admission.

**ESED 9132****Critical Analysis of Schools and Educational Practices: 3-0-3**

Doctoral candidates will engage in critical examination of a variety of current schooling issues, reform efforts, and educational practices and analyze the implications for research and practice in teaching and learning. From this examination and analysis candidates will develop strategies for planning, implementing, and sustaining school change related to a specific schooling issue or practice. A field component is included. Prerequisite(s): A minimum grade of "B" in ESED 9131 and ESED 9233, a minimum grade of "C" in EDUR 9131, and Ed.D. admission.

**ESED 9231****The Teacher Educator: 3-0-3**

This course is designed for the doctoral candidate who aspires to be a teacher educator at a college or university. A main focus is the role of the teacher educator and expectations for teaching, scholarship, and service. Candidates will apply knowledge and skill from the course in developing a syllabus and course materials for a teacher preparation course and they will develop a professional portfolio. Prerequisite(s): A minimum grade of "B" in ESED 9131 and ESED 9233, and Ed.D. admission.

**ESED 9232****Supervision of Teachers: 3-0-3**

This course is a combination of theory and practice and is designed to prepare students who have prior teaching experience to use principles of supervision to help improve classroom performance and to create better learning communities. Participants will examine supervisory theories, research, and practice to develop knowledge, skills, and supervisory styles. Prerequisite(s): A minimum grade of "B" in ESED 9131 and ESED 9233, and Ed.D. admission.

**ESED 9233****The Scholarship of Teaching and Learning: 3-0-3**

This course helps candidates to reconceptualize teaching as a form of inquiry. It challenges candidates to bring to teaching and learning contexts the kinds of inquiry and engagement that are traditionally reserved for scholarship. Thus, candidates engage in questioning, designing, investigating, and analyzing issues related to teaching and learning while being responsive to changing demographics, content, technologies, national priorities, and global connections. Prerequisite(s): Ed.D. admission.

**ESED 9631****Advanced Seminar in Teaching and Learning: 3-0-3**

This seminar explores enduring and contemporary topics in the field of education through analytical and critical lenses. Such lenses enable candidates to unravel the philosophical, ethical, and political assumptions that undergird educational practices and facilitate reflection and action (praxis) on the part of candidates. Prerequisite(s): A minimum grade of "B" in ESED 9131 and ESED 9233, and Ed.D. admission.

**ESED 9799****Internship in Teacher Education: 3-0-3**

The internship is designed to provide an opportunity for individuals to supervise teaching experiences in assigned face-to-face classrooms. Supervision of student teachers and/or methods students may be included. Emphasis is placed on pedagogy for adult learners, modeling of best practices, and systematic student evaluation. Prerequisite(s): A minimum grade of "B" in ESED 9131 and ESED 9233, a minimum grade of "C" in ESED 9232, and Ed.D. admission.

**School Psychology (COE)****ESPY 7090****Selected Topics in School Psychology: (1-6)-0-(1-6)**

Participants are introduced to topics in school psychology that will be useful in their practice as school psychologists. This course is designed to meet the special needs of pre-service or in-service school psychologists. Some topics might include assessment, intervention, consultation or evaluation/research in school psychology. Prerequisite(s): Permission of instructor.

**ESPY 7130****Professional School Psychology: 3-0-3**

A study will be made of the development of school psychology and its present status and trends. The professional responsibilities of the school psychologist will be explored in the context of social, legal and ethical issues that affect practice. Prerequisite(s): Admission to School Psychology program or permission of instructor.

**ESPY 7131****Behavioral Interventions: 3-4-3**

Prepares school psychologists, counselors and classroom consultants to manage children with moderate to severe conduct problems so that they can profit from classroom instruction. Includes symptoms, diagnosis, treatment and management of children with conduct disorders that hamper learning. Prerequisite(s): Admission to School Psychology program or permission of instructor.

**ESPY 7132****Classroom-based Performance and Psychometrics: 3-0-3**

This course is designed to develop a basic understanding of comprehensive psychoeducational assessment procedures for children with learning or behavioral problems. The focus is basic multi-factor assessment design and psychometrics. Training in multi-factored assessment skills, particularly as they relate to classroom performance, observation, interviewing skills, oral language tests, and achievement tests. Prerequisite(s): Admission to the School Psychology program.

**ESPY 7133****Implications of Child Psychopathology in Schools: 3-0-3**

This course is designed to provide graduate students with knowledge of childhood psychopathology and its implications in educational settings. Students will become aware of various mental health disorders in childhood and learn about a range of behaviors that differ from accepted social standards within our cultural institutions. Discussion will focus on the diagnostic criteria of various childhood mental health disorders and implications of childhood psychopathology for schools.

**ESPY 7230****Developmental Diagnosis in Early Childhood: 3-0-3**

This course prepares school psychologists, counselors, social workers, special education personnel, and classroom teachers and consultants to develop awareness of theoretical foundations, research and practice relevant to the development of children birth through twenty-one. Developmental diagnosis in early childhood is the focus, incorporating physical, cognitive, language, social-emotional, and adaptive development areas. Also included is discussion of symptoms, diagnosis, early intervention and treatment, IDEA disability categories and eligibility, and management of children at-risk. Prerequisite(s): EDUF 8136, PSYC 7331, COUN 7338 or equivalent background.

**ESPY 8130****Curriculum-based Assessment and Response-to-Intervention: 3-0-3**

This course is designed to provide knowledge and skills in Curriculum Based Assessment (CBA), specific Curriculum Based Measures (CBM), problem-solving assessment, and response to intervention (RTI), as it relates to academic achievement. Specifically, the course will enable candidates to engage in early identification, determining the magnitude of deficits when they are present, develop academic goals and intervention plans, and monitor student progress toward academic goals. Prerequisite(s): A minimum grade of "B" in EDUC 7132 and admission to the School Psychology program.

**ESPY 8131****Individual Intellectual Assessment: 3-0-3**

This course is designed for students majoring in School Psychology. It provides intensive experience in the administration, scoring, and score-based interpretation of individual psychological tests for educational purposes. Prerequisite(s): A minimum grade of "B" in ESPY 7132 and admission to the School Psychology program.

**ESPY 8132****Addressing Diversity in School-based Conceptualization: 3-0-3**

This course builds on knowledge and skills in intellectual assessment that school psychology students gained in ESPY 8131. It provides experience in integrating all assessment data, interpreting test data, conceptualizing, and report writing. The focus of the course is to provide graduate students with a foundation of knowledge, awareness, and skills in multicultural issues related to school-based conceptualization. The course will cover theories, research, and practices associated with school-based conceptualization utilizing multicultural competence with emphases on within-group differences and the intersections of race, ethnicity, gender, religion, sexuality, social class, and disability/exceptionality. Prerequisite(s): A minimum grade of "B" in ESPY 8131 and admission to the School Psychology program.

**ESPY 8133****Personality and Behavioral Assessment in the Schools: 3-0-3**

This course provides school psychology students with extensive experience in administering, scoring, and interpreting personality and behavioral assessment measures. School psychology students will also learn to conduct a clinical interview and integrate information from various assessment sources to write an integrated report. Prerequisite(s): A minimum grade of "B" in ESPY 8132.

**ESPY 8135****Crisis Intervention and Prevention: 3-0-3**

The course investigates exemplary crisis intervention and prevention programs that promote the mental health and physical well-being of ALL individuals (schools and communities). This course also examines the history and development of crisis intervention. A focus will be developing skills and knowledge required to effectively intervene and assist children, adults, and families (including teachers and administrators in schools) during periods of crisis. The course will highlight the importance of prevention in decreasing the number and severity of crisis situations. Criteria for determining empirically validated programs are discussed. Prerequisite(s): A minimum grade of "B" in COUN 7332 or PSYC 7333.

**ESPY 8136****School, Home, and Community Partnering: 3-0-3**

This course is designed for students majoring in School Psychology. Graduate candidates develop skills in partnering with parents/guardians and community agencies/resources to improve the academic, behavioral, and social-emotional functioning of the Pre-K through 12 student.

**ESPY 8230****Consulting in Educational Settings: 3-4-3**

Presents theories and develops skills needed to assist adults working with children at risk and with special needs in both rural and urban educational settings. Intervention during crises affecting children in schools will be presented. Prerequisite(s): Admission to Ed.S. in School Psychology program or permission of instructor.

**ESPY 8631****Seminar in School Psychology: 3-0-3**

Provides a review of professional competency issues, legal/ethical issues, practice guidelines and practice applications for students entering the School Psychology Internship. Prerequisite(s): Permission of instructor. Repeatable for credit up to 6 hours.

**ESPY 8737****Practicum in School Psychology: 3-8-3**

Experience with school children having learning problems will be provided. Complete child studies will be made and students will develop competence in working with children, teachers, educational specialists and parents under supervision. Prerequisite(s): Prior or concurrent enrollment with a minimum grade of "B" in ESPY 8133 or permission of instructor and proof of professional liability insurance.

**ESPY 8738****School Psychology Internship I: 0-40-3**

Supervised field experience to provide the comprehensive range of experiences in the professional role of school psychologists. Experiences will be individually planned to include assessment, direct interventions, indirect interventions and evaluation/research. Prerequisite(s): ESPY 8737, admission to Ed.S. in School Psychology, and proof of professional liability insurance.

**ESPY 8739****School Psychology Internship II: 0-40-3**

Supervised field experience to provide the comprehensive range of experiences in the professional role of school psychologists. Experiences will be individually planned to include assessment, direct interventions, indirect interventions and evaluation/research. Prerequisite(s): ESPY 8738, admission to Ed.S. in School Psychology, and proof of professional liability insurance.

**ESPY 8839****Action Research in School Psychology: 0-3-3**

Students will apply their knowledge of research skills by preparing and completing a research project related to a practical problem in school psychology or student services. Ethical and legal guidelines as appropriate for the project are to be followed. Format decisions will be made in consultation with appropriate faculty member. Prerequisite(s): EDUR 8434. Repeatable for credit up to 9 hours.

**ESPY 8890****Directed Individual Study: (1-6)-(0)-(1-6)**

This course permits specialization beyond regular course content through in-depth study of individually selected topics of interest and importance in school psychology or student services. The study will be directed by the instructor. Prerequisite(s): Permission of advisor.

**Finance (COBA)****FINC 6230****Fundamentals of Corporate Finance: 3-0-3**

A study of the fundamental concepts, theories, tools of analysis and current problems of managerial finance in business. Prerequisite(s): ACCT 6130 and graduate standing, or permission of the COBA Director of Graduate Studies for non-MBA students.

**FINC 7231****Financial Problems: 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): Graduate standing and completion of MBA prerequisites, or permission of the COBA Director of Graduate Studies for non-MBA students.

**FINC 7232****Global Finance: 3-0-3**

A study of the financial markets and institutions that make international trade and capital flows possible. The course provides a framework within which the key financial decisions of the multinational firm can be analyzed. Prerequisite(s): Graduate standing and the completion of the MBA prerequisites, or permission of the COBA Director of Graduate Studies for non-MBA students.

**FINC 7233****Investment Management: 3-0-3**

A survey of domestic financial markets. Topics covered include interest rates, stocks, bonds, derivative securities, retirement issues, and mutual funds. Prerequisite(s): Graduate standing and the completion of the MBA prerequisites, or permission of the COBA Director of Graduate Studies for non-MBA students.

**FINC 7334****Corporate Financial Theory: 3-0-3**

This course is an intensive review of modern financial theory as it applies to corporate finance, to include capital structure, dividend policy, mergers and acquisitions, taxation, cash flow, financial distress, and financial risk management. The course will introduce students to both the classical theories and the current trends in corporate finance.

**Foreign Languages (CLASS)****FORL 6431****Foreign Language Methods P-5: 3-0-3**

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 the 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 the Praxis II and acceptance into MAT program.

**FORL 6432****Foreign Languages Methods 6-12: 3-0-3**

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 the 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 the Praxis II and acceptance into MAT program.

**FORL 6433****Practicum in Foreign Languages: 3-0-3**

Provides field experience opportunities for students pursuing the MAT, with content areas in a foreign language to relate principles and theories to actual practice in diverse educational settings. Prerequisite(s): Successful completion of the Praxis II and acceptance into MAT program.

**Curriculum Theory (COE)****FRCT 7130****Curriculum Theory and Design: 3-0-3**

A comprehensive overview of the field of curriculum designed to develop the theoretical knowledge competencies and strategies needed by teachers and other curriculum developers at all levels of education to participate in the curriculum change process.

**Early Childhood (COE)****FREC 7232****Children's Literature: 3-0-3**

Designed for the graduate student who has some knowledge of children's literature. Attempts to update the student's knowledge of children's literature in the classroom and media center.

**French (CLASS)****FREN 7030****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.

**FREN 7091****Seminar in French: 3-0-3**

Topics to be selected by the instructor. Conducted in French.

**FREN 7130****Second Language Acquisition in French: 3-0-3**

A study of problems of second language acquisition in French from the standpoint of a program centered on the teaching of communicative skills for use in authentic contexts. Theoretical and historical background as well as hands-on activities. Conducted in French.

**FREN 7131****French Phonetics: 3-0-3**

Contrastive analysis of the French and English sound systems and extensive practice to help students refine their pronunciation; familiarization with various French accents. Conducted in French.

**FREN 7132****Advanced Grammar: 3-0-3**

Intensive review and in-depth study of the major grammatical structures of the French language with a special emphasis on their nuances. Extensive oral and written practice, translation from French into English and English into French, and compositions. Conducted in French.

**FREN 7230****Survey of French Literature: 3-0-3**

Introduction to masterpieces of French literature from the Middle Ages to the present. Continued development of all five language competencies (listening, speaking, reading, writing, and culture), with special emphasis on French literary texts and their context. Conducted in French.

**FREN 7231****Development of Theatre: 3-0-3**

A study of French theatre from the late Middle Ages to the present. Course texts include plays representing various periods and movements. Conducted in French.

**FREN 7232****Development of the Novel: 3-0-3**

A study of the French novel from the late Middle Ages to the present. Course texts include novels representing various periods and movements. Conducted in French.

**FREN 7233****French Poetry: 3-0-3**

A study of French poetry by major movements, from the late Middle Ages to the present, with an emphasis on reading strategies and poetic techniques and interpretation. Oral reports and discussions. Written analyses (explication de texte). Conducted in French.

**FREN 7234****Short Prose Fiction: 3-0-3**

An in-depth study of the genre of the short story focusing on its roots in the oral tradition, its rise in nineteenth-century France, and its contemporary practice in France and francophone countries. Conducted in French.

**FREN 7330****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 7530****French for Business: 3-0-3**

Preparation for the use of French in business including detailed units on banking, advertising, marketing and economics. Course reflects the requirements for the Paris Chamber of Commerce and Industry Certificate in Business French. Conducted in French.

**FREN 7890****Directed Study in French: (1-3)-0-(1-3)**

Independent study under faculty supervision.

**Educational Research (COE)****FRER 7130****Educational Research: 3-0-3**

A comprehensive overview of topics related to research as it is applied to educational settings. Emphasis is placed upon methods of quantitative and qualitative research, especially in regard to applied and basic research in education.

**Instructional Technology (COE)****FRIT 7090****Selected Topics in Instructional Technology: (1-3)-0-(1-3)**

Promotes specialized training in new and/or emerging instructional technologies/methodologies or topics appropriate to the needs of in-service personnel. Attention will be given to a range of specific needs as they reach special significance in local school systems.

**FRIT 7231****Instructional Design: 3-0-3**

This course is designed to develop the knowledge, skills, and dispositions of instructional technology leaders necessary for them to understand and apply a systematic process of instructional design to create effective technology-based instruction for learners with diverse needs.

**FRIT 7232****Visionary Leadership in Instructional Technology: 3-0-3**

This course is designed to develop the knowledge, skills, and dispositions of instructional technology leaders to inspire and lead the development and implementation of a shared vision for the effective use of technology to promote excellence and support transformational change throughout educational organizations.

**FRIT 7233****Selection and Development of Digital Tools and Resources: 3-0-3**

Selection and Development of Digital Tools and Resources provides competence in the selection, production, utilization, and evaluation of various formats of instructional technologies. Basic techniques are provided

through direct experiences in the design and production of instructional technologies.

**FRIT 7234****Information Fluency and Inquiry Learning: 3-0-3**

This course provides an in-depth exploration of digital learning models and relevant standards that focus on information fluency and inquiry learning. Emphasis is placed on the reflective use of technology to facilitate student learning through inquiry learning and the mastery of information fluency skills. Course assignments and activities focus on application of these concepts to the candidate's field of initial certification through collaboration with other teachers, media specialists, and technology specialists.

**FRIT 7235****Digital Learning Environments: 3-0-3**

This course focuses on the effective utilization of digital technology in the instructional process and on systematic processes for using new technologies to enhance learning. Course content will focus on the knowledge, skills, and dispositions needed to create, support, and manage effective digital learning environments. Prerequisite(s): A minimum grade of "C" in FRIT 7231.

**FRIT 7236****Technology-Based Assessment and Data Analysis: 3-0-3**

Technology-Based Assessment and Data Analysis prepares candidates to model and facilitate assessments throughout the curriculum and to analyze and interpret the data generated by those assessments. The use of digital tools and resources to measure, collect, analyze, interpret, and report those data is stressed.

**FRIT 7237****Evaluation of Educational Needs and Programs: 3-0-3**

Evaluation of Educational Needs and Programs covers the theory and practice of systematic investigation of instructional programs, projects, products, and processes. The course is designed to teach practitioners how to assess the need for and the effectiveness of educational endeavors such as quality improvement, enhancing organizational performance, or improving school curricula. Prerequisite(s): A minimum grade of "C" in FRIT 7231.

**FRIT 7330****The Internet in Schools: 3-0-3**

This course provides learners with a focused look at issues surrounding the implementation and use of emerging applications of the internet in schools.

**FRIT 7331****Leadership of the School Library Media Program: 3-0-3**

An introduction to the functions of the school library media center and the various roles of the school library media specialist. Topics include: program planning and development, budgeting, facility management, and public relations. Students will develop the skills necessary to strategically plan for innovation and continuous improvement of the school library media program.

**FRIT 7332****The School Library Literacy Environment: 3-0-3**

An overview of the processes and procedures associated with developing, organizing, maintaining, and evaluating the school library media collection. Emphasis is placed on intellectual freedom, principles of selecting materials in all formats, and utilization of technology to access physical and virtual collections. This course will introduce students to instructional strategies designed to promote reading for learning, personal growth, and enjoyment.

**FRIT 7333****Storytelling: 3-0-3**

This course is an introduction to the history, art, and techniques of oral storytelling. Techniques include the selection, adaptation, learning, and presentation of stories for all ages. Students will encounter a wide variety of stories from many different cultures, learn to identify resources for finding stories, develop skills in telling stories with ease and enthusiasm, and learn to evaluate the qualities that make stories age-appropriate for various grade levels.

**FRIT 7335****Web Design and Development: 3-0-3**

Focuses on the front-end aspects of web design: authoring, graphics production, and media development.

**FRIT 7734****Practicum in School Library Media: 3-0-3**

A culminating activity in the Instructional Technology program. Candidates are assigned specific experiences that implement content from the school library media certification program. Prerequisite(s): Permission of advisor and completion of Transition Point #2.

**FRIT 7739****Practicum in Instructional Technology: 3-0-3**

This course is designed as a capstone experience where students demonstrate the skills, knowledge, and dispositions necessary to serve in instructional technology roles in various educational settings including P-12 settings. An extensive field experience is required. Prerequisite(s): Permission of advisor and completion of Transition Point #2.

**FRIT 8435****Program Evaluation: 3-0-3**

Program Evaluation covers the theory and practice of systematic investigation of instructional programs, projects, products, and processes. The course is designed to teach practitioners how to assess the effectiveness of endeavors such as quality improvement, enhancing organizational performance, or improving school curricula.

**FRIT 8532****Multimedia Tools and Applications: 3-0-3**

Covers issues in the design and development of interactive multimedia instructional lessons. Covers the tools required for the creation of interactive multimedia and is organized around individual student projects.

**Educational Foundations (COE)****FRLT 7130****Learning Theories and Applications: 3-0-3**

Examines the principles and theories of learning that serve as the basis for educational models and practices. Special emphasis is given to recent empirical findings and to practical applications and theory to educational settings.

**Middle and Secondary Education (COE)****FRMS 7331****Early Adolescent Literature: 3-0-3**

A study of pedagogical theory and practices for integrating contemporary early adolescent/young adult literature into the middle and secondary school curriculum. Course content will focus on making text selections, workshop approaches, literary circles, and reader response theory.

**Graphic Communications Management (CLASS)****GCM 5090G****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 5234G****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 or GCM 5314G.

#### **GCM 5314G**

##### **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 or GCM 5234G.

#### **GCM 5331G**

##### **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 5332G**

##### **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 5334G**

##### **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 5335G**

##### **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 5434G**

##### **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 5534G**

##### **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 5535G**

##### **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 5090G**

##### **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/AMST 5130G**

##### **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 5230G**

##### **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 5330G**

##### **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. Graduate students will be required to complete more detailed, sophisticated assignments and complete longer, more in depth term papers. Prerequisite(s): GEOG 1101 or GEOG 1130 or permission of instructor.



**GEOG 5430G****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 5890G****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)****GEOG 5090G****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.

**GEOG 5130G****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, and GEOL 3541, or permission of instructor.

**GEOG 5131G****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.

**GEOG 5132G****Regional Field Geology: 3-0-3**

A field expedition involving geological investigation of a major geologic region of North America. Students will be expected to make geological observations through such techniques as mapping, measuring sections, collecting scientific samples, or other standard techniques, then to analyze and interpret their observations or measurements. A scientific journal or notebook will be used by each student to record data and observations. A final report will be required. Students usually will bear tuition, travel, and living expenses in the field. Graduate students will complete an individual term project or special report.

**GEOG 5140G****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): GEOL1142 or permission of instructor. GEOL 5141 strongly recommended.

**GEOG 5141G****Paleontology: 3-3-4**

This course provides an overview of the major principles, applications, and methods of paleontology. Topics covered in this 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 1142 or permission of instructor.

**GEOL 5142G****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 5230G****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 5231G****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 1141 or GEOL 5230.

**GEOL 5431G****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 1142; or permission of instructor. GEOL 5142 strongly recommended.

**GEOL 5440G****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 5530G****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 1142 or GEOG 1111; or permission of instructor.

**GEOL 5541G****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 5542G**

##### **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 5740G**

##### **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 5741G**

##### **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 5890G**

##### **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.

### **History (CLASS)**

#### **HIST 5030G**

##### **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 5130G**

##### **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 5133G**

##### **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 5134G**

##### **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 5136G**

##### **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 5137G**

##### **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 5138G**

##### **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 5230G**

##### **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 5231G**

##### **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 5232G**

##### **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 5233G**

##### **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 5234G**

##### **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.

**HIST 5331G****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 5332G****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 European 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 5335G****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 5336G****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 5339G****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 5430G****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 5431G****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 5530G****20th Century Russia: 3-0-3**

A survey of the history of Russia in the 20<sup>th</sup> century. Graduate students will be given an extra assignment determined by the instructor that undergraduates will not be required to do.

**HIST/INTS 5531G****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 5532G****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 5533G****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.

**HIST 7630****The Historian's Craft: 3-0-3**

This seminar introduces graduate students to professional aspects of teaching and pursuing research in history, including historiography, preparing a curriculum vitae, fundamentals of classroom teaching, and tutoring.

**HIST 7631/7631S****Readings in American History: 3-0-3**

A reading colloquium in which topics will vary with individual professor.

**HIST 7633****Readings in European History: 3-0-3**

A reading colloquium in which topics will vary with individual professor.

**HIST 7635****Readings in Non-Western History: 3-0-3**

A reading colloquium in which topics will vary with individual professor.

**HIST 7638/7638S****Research Seminar: 3-0-3**

Topics vary with individual professor.

**HIST 7639****Studies in Georgia History: 3-0-3**

Engages a variety of selected topics in Georgia History.

**HIST 7651****Seminar in Public History: 3-0-3**

In this course, students will explore the latest research, theories, and best practices in the field of Public History through readings, discussions, and written assignments. Topics include but are not limited to: museums; oral history; film, new media, and historical knowledge; popular publishing; national parks; visual history; archives; historical preservation.

**HIST 7661****Seminar in Museum Studies: 3-0-3**

This course provides an introduction to the history and development of museums and the professionalization of the field. It covers the structure and nature of curatorial, education, and administrative work in museums and theoretical and practical issues facing museums today. The course will provide an overview of current method and theory in material culture studies. Students will visit and evaluate museums and virtual exhibits and study major exhibit controversies and debates about the politics of historical memory and exhibition. Readings and discussions will provide a basis for a hands-on section of the course where student teams will create small case exhibits that transmit and display historical knowledge.

**HIST 7791****Graduate Internship in History: 0-(1-6)-(1-6)**

This course is designed to give graduate students applied history experiences in museums, historical societies, historical sites, or other venues approved by the History Department Chair. May be taken only by History graduate students or Certificate in Public History students. Maximum of 3 credit hours may apply toward the M.A. degree for students pursuing the thesis option; maximum of 6 credit hours may apply toward the M.A. degree for students pursuing the non-thesis option. This course will not substitute for thesis credit or non-thesis project credit required for the M.A.

degree. Prerequisite(s): Approval of department chair and supervisor at internship site.

### **HIST 7830**

#### **Historical Writing: 3-0-3**

Techniques of writing and editing manuscripts based on original historical research.

### **HIST 7831/7831S**

#### **Independent Study in History: 3-0-3**

Topics vary with professor.

### **HIST 7990**

#### **Non-Thesis Project in History: (1-6)-0-(1-6)**

This course focuses on planned research and writing directed by student's advisor. Intended for graduate students pursuing the non-thesis option in the M.A. program in History and/or students pursuing the graduate Certificate in Public History. This course can count as an elective for M.A. students only if they are also pursuing the graduate Certificate in Public History.

### **HIST 7999**

#### **Thesis: (0-6)-0-(1-6)**

Planned research and writing directed by student's thesis advisor.

## **Health (CHHS)**

### **HLTH/KINS/NTFS 6195S**

#### **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.

### **HLTH 7099**

#### **Selected Topics in Health Science: (1-3)-0-(1-3)**

Provides the student with the opportunity to conduct an in-depth study of selected topics in health science. Particular attention will be given to the critical evaluation and presentation of research. Prerequisite(s): Permission of instructor.

### **HLTH 7130**

#### **Issues and Trends in School Health: 3-0-3**

This course will address the processes and issues associated with planning, implementing, evaluating, and organizing a coordinated school health program in accordance with national and state guidelines.

### **HLTH 7760**

#### **Practicum in Community Health Education: 0-36-6**

Permits the student to receive practical experience in a selected health related setting. Prerequisite(s): Permission of Graduate Program Director.

### **HLTH 7899/7899S**

#### **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.

### **HLTH 8430**

#### **Educational Strategies for Chemical Dependency: 3-0-3**

Emphasizes educational strategies and techniques of teaching material related to chemical dependency. Techniques of presenting instruction will be related to precursors of abuse, physiological and psychological effects and rehabilitation methods and costs to society. Prerequisite(s): Undergraduate course in drug use and abuse or permission of instructor.

### **HLTH 8431**

#### **Health and Human Sexuality for Educators: 3-0-3**

Prepares current and future sexuality educators for implementing sexuality education programs in various settings, including schools, colleges and universities and community programs. Prerequisite(s): Undergraduate course in sexuality or permission of instructor.

## **Health Services Policy Management (COPH)**

### **HSPM 6030**

#### **Healthcare Economics and Policy: 3-0-3**

This course examines the market for medical services, with the view that the special nature of the market demands careful economic analysis. Topics include the demand for health and the derived demand for health/medical care and insurance, the supply of medical services, the roles of uncertainty and information, and the problems of pricing production and distribution of health and medical services. An introduction to federal and state legislative, administrative, and budget systems as they affect health services. The course focuses on the study of selected health policies, considering them in their historical perspective, present status, and future direction within their social economic and political contexts.

### **HSPM 6136**

#### **Health Services Management, Human Resources, and Governance: 3-0-3**

Emphasis on clarifying concepts of human resources management, identifying the importance of human resources problems in health organizations. Students will be exposed to the management of Equal Employment Opportunity (EEO) Affirmative Act Plans, union activity, Occupational Safety and Health Act (OSHA), compliance procedures, training and development of employees and the importance of human resources as it relates to organizational government.

### **HSPM 7030**

#### **Healthcare Marketing and Strategic Planning: 3-0-3**

The course offers an introduction to strategic planning and management in health services organizations. Processes and formats employed in strategic planning and marketing are presented and applied in case studies and a final project. Elements of market assessment, environmental analysis and strategy development are presented and applied to course practices.

### **HSPM 7090**

#### **Selected Topics in Health Services Policy Management: (1-3)-0-(1-3)**

Allows the student the opportunity to receive specialized and/or focused instruction in a health services policy and management health topic not generally offered by the department. Prerequisite(s): Permission of instructor.

### **HSPM 7131**

#### **Health Organization Theory, Behavior and Management: 3-0-3**

Integrating theory and concepts from organizational theory and behavior literature, this course provides applications to improve the management of health services organizations.

### **HSPM 7133**

#### **Public Health Policy and Ethics: 3-0-3**

Prepare students to make critical decisions in regards to health care policy and biomedical ethics. Includes exploration of basic economic, political and social determinants of health policy. Substantive legal topics covered include the balance between individual rights and public health initiatives, confidentiality, medical malpractice and informed consent, medical directives and living wills, legal rights of access to health care and health care reform. Methods of implementing change through policy making and the legislative process will be presented.

### **HSPM 7135**

#### **Public Health Policy Development and Evaluation: 3-0-3**

This course introduces students to policy analysis and management by examining issues in the health sector. It fosters an appreciation of the complexity of policy problems and provides the basic tools used in public

health policy design, implementation and evaluation. Prerequisite(s): A minimum grade of "B" in HSPM 7133.

#### **HSPM 7137**

##### **Health Care Financing and Payment Systems: 3-0-3**

Provides the student with an understanding of payment systems for hospitals, long-term care organizations, integrated delivery systems, ambulatory care and other health care providers. Specific health care financing topics include: third party payment reimbursement system for private and public insurers, capitation, legislated cost containment strategies (DRGs and PPSs), medical payment incentives, risk assessment and health reform initiatives. Prerequisite(s): Undergraduate course in finance or permission of instructor.

#### **HSPM 7230**

##### **Health Leadership and Strategic Planning: 3-0-3**

This course deals with the application of leadership theory and strategic management and planning principles to a variety of "real world" management issues in health service organizations.

#### **HSPM 7232**

##### **Public Health Finance: 3-0-3**

This course examines the structure and functioning of the finance components of the public health system. Public health organizations will be discussed within the context of the financial environment that includes financial management, managerial accounting, revenue cycle management, and funding and financial management of grants/contracts. The course also examines key financial tools and analyses for financially related decision making within the principles of strategic management applied to public health organizations amid a dynamic changing environment.

#### **HSPM 7233**

##### **Information Management and Decision Making in Health Services: 3-0-3**

Focuses on the fundamental concepts and applications of managing information as a health services corporate asset, emphasizing converting data into information for decision support.

#### **HSPM 7235**

##### **Health Law: 3-0-3**

The purpose of this course is to introduce students to legal issues in public health and healthcare. Basic legal principles underlying the legal system, governmental regulation, development of legal rules and how to interact effectively with the legal system as a public health practitioner will be explored. This course has two main purposes: first, to examine the legal context of the relationship between the individual and the community; and second, to understand public health regulations in the context of a market-driven system.

#### **HSPM 7236**

##### **Health Informatics: 3-0-3**

This course presents the knowledge, infrastructure, functions, and tools of health informatics. It explores technology, planning and management and applications in public health and health care. The emphasis is on conceptual frameworks as well as a deeper level of engagement on system applications. It focuses on the application of health technology, with a particular emphasis on the private/public sector of health management. It is designed to familiarize students with core concepts and issues confronting managers in the health sector associated with planning, implementation and evaluation of information systems. The course provides an overview of the theory, processes and applications of information systems and how they relate to health policy and management. It also provides a basic understanding of data standards and requirements, and the critical concepts and practice in mapping and interpreting health information.

#### **HSPM 7330**

##### **Strategies for Managed Care: 3-0-3**

Prepares students to function and make sound managerial decisions in a health care system that is shaped by managed care. The role of health care administrators in the application of economic principles in implementation of competitive managed health care programs is discussed. Critical issues

pertinent to managed care that will be covered include: monitoring and analyzing medical practice patterns, installation of rigorous utilization management components, designation of Primary Care Physicians' (PCPs), catastrophic case managers, establishment of quality assurance programs and patient channeling. Managed care case studies are examined in light of benchmarks for corporate policy, assessments of program options, strategies for communication and guidelines for evaluation. Prerequisite(s): Graduate level course in Economics.

#### **HSPM 7331**

##### **Long Term Care Administration: 3-0-3**

Prepares students in the fundamentals of long term care administration. Organization and administration of long term delivery system with emphasis on nursing home administration, home health programs and hospice management will be discussed. Other topics to be covered include organization and management of interagency organizations, personnel and residential care facilities and institutions for other populations needing long term specialty treatment. Emphasis is placed upon personal and professional skills necessary to provide a range of services and quality care in these environments.

#### **HSPM 7769**

##### **Managerial Residency in Health Services Administration: 0-36-6**

Permits the student to receive practical experience in selected health related settings. Prerequisite(s): Permission of the Graduate Program Director.

#### **HSPM 7890**

##### **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.

### **International Studies (Interdisciplinary)**

#### **INTS/HIST 5531G**

##### **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 5532G**

##### **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 5533G**

##### **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 5633G**

##### **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 5634G**

##### **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 5635G**

#### **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/ENGL 5235G**

##### **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 5236G**

##### **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.

### **Information Technology (CEIT)**

#### **IT 5090G**

##### **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 5135G**

##### **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 business intelligence and analytics are covered. For graduate students a significant research project will be assigned as a culminating experience. Prerequisite(s): Permission of instructor.

#### **IT 5235G**

##### **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): Permission of instructor.

#### **IT 5236G**

##### **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. 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): Permission of instructor.

#### **IT 5433G**

##### **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, 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): Permission of instructor.

#### **IT 6130**

##### **Theoretical Foundations for Network Analysis: 3-0-3**

This course will provide a detailed review of fundamentals relevant to the study of telecommunications, and data communications. Topics covered will include Shannon's Theorem, elements of Graph theory, Queuing Theory, Probability, Number Systems, Matrices and more. Students will complete several exercises using MATLAB and Microsoft Excel to reinforce topics covered in lecture by solving network related problems. Discrete event simulations software (OPNET) will also be used to observe and analyze concepts and behaviors in communications networks.

#### **IT 7090**

##### **Selected Topics in Information Technology: 1-0-1**

This course provides the student with an opportunity for in-depth study of selected topics in information technology. Prerequisite(s): Permission of instructor.

### **Instructional Technology (COE)**

#### **ITEC 7090**

##### **Selected Topics in Instructional Technology: (1-3)-0-(1-3)**

Promotes specialized training in new and/or emerging instructional technologies/methodologies or topics appropriate to the needs of in-service personnel. Attention will be given to a range of specific needs as they reach special significance in local school systems.

#### **ITEC 7330**

##### **The Internet in Schools: 3-0-3**

This course provides learners with a focused look at issues surrounding the implementation and use of emerging applications of the internet in schools.

#### **ITEC 7335**

##### **Web Design and Development: 3-0-3**

Focuses on the front-end aspects of web design: authoring, graphics production, and media development.

#### **ITEC 7430**

##### **Instructional Design: 3-0-3**

An introduction to systems theory as applied to the design of instruction. Examines principles of systems theory in the context of the design,

development, selection and utilization of curriculum, instruction and instructional materials.

**ITEC 7530****Instructional Technology Foundations: 3-0-3**

An introduction to the use of the computer in the instructional process. The course focuses on the uses of the computer as a medium of instruction. Meets the Special Georgia Technology Requirement for Teacher Certification.

**ITEC 7538****Instructional Technology for School Leaders: 3-0-3**

The course is designed to enhance the skills of school administrators in the area of technology leadership and meets the special Georgia Technology requirement for Certified Leadership. Included is an overview of the utilization of technology to enhance decision-making, institute long-term planning, and regulate the infusion of technology in the school curriculum.

**ITEC 8130****Advanced Media Management and Supervision: 3-0-3**

This course examines the management of school library programs with an emphasis on the collaborative role of the school librarian as an educational leader and school library center administrator.

**ITEC 8133****Current Trends and Issues in Instructional Technology: 3-0-3**

An overview of the history and types of research presently conducted in the field of Instructional Technology. Emphasis is placed on current trends and issues, as well as evaluating research in the field of instructional technology as it relates to the student's field of initial certification.

**ITEC 8134****Theories and Models of Instructional Design: 3-0-3**

Students will examine how systematic instructional design processes are applied to develop instruction congruent with specific learning theories, instructional theories, and philosophical orientations in the context of their field of initial certification. The primary focus of the course is technology-based learning materials. Prerequisite(s): A minimum grade of "C" in ITEC 7430 or a course in Instructional Design.

**ITEC 8135****Pedagogy of Online Learning: 3-0-3**

This course will provide advanced candidates in Instructional Technology the opportunity to develop an online-learning course. Candidates will research current best practices of online learning pedagogy and explore emerging technologies to integrate into the development of the online-learning course. The course is offered in a 100% online format. Prerequisite(s): ITEC 8134.

**ITEC 8136****Field Experience in Online Teaching and Learning: 0-3-3**

Students will explore existing literature on best practices in online teaching and learning based on their specific contexts, whether K-12, higher education, business, etc. This course incorporates instructional design theory and online pedagogical knowledge putting students' learning into action and practice in an authentic online environment. The primary focus of the course is the students' application of best practices in (an) authentic field-based experience(s). Prerequisite(s): A minimum grade of "C" in ITEC 8135.

**ITEC 8231****Transforming Learning with Technology: 3-0-3**

Critical examination of the role of technology and instructional design in the teaching/learning process. Review of quantitative and qualitative research relevant to student's area of interest and the impact of technology on student learning. Examination of the use of electronic portfolios to demonstrate student learning.

**ITEC 8435****Program Evaluation: 3-0-3**

Program Evaluation covers the theory and practice of systematic investigation of instructional programs, projects, products, and processes. The course is designed to teach practitioners how to assess the effectiveness of endeavors such as quality improvement, enhancing organizational performance, or improving school curricula.

**ITEC 8532****Multimedia Tools and Applications: 3-0-3**

Covers issues in the design and development of interactive multimedia instructional lessons. Covers the tools required for the creation of interactive multimedia and is organized around individual student projects.

**ITEC 8630****Advanced Seminar in Instructional Technology: 3-0-3**

Advanced study of theory and research related to technology mediated instruction, including technology integration for meaningful learning, systemic change with technology, legal and ethical issues, and online pedagogy. Prerequisite(s): Admission to Ed.D. program.

**ITEC 8636****Technology, Leadership, and Change: 3-0-3**

Provides advanced students in Instructional Technology with opportunities to review research and current trends related to the integration of technology into teaching and learning. Application of concepts and ideas is achieved through design, development and delivery of a project to close a technology gap in an educational setting.

**ITEC 8838****Field-Based Research in School Library Media: 3-0-3**

Students will initiate, complete and present an acceptable field-based research study in school library media, using a design developed and approved in EDUR 8434. This course will focus on collecting, organizing and analyzing data, as well as composing a formal research paper based on the research study. The course culminates with an oral presentation of the study completed using appropriate technologies. Prerequisite(s): A minimum grade of "C" in EDUR 8131, EDUR 8434, ITEC 8133, ITEC 8134, ITEC 8135, and ITEC 8636.

**ITEC 8839****Field-Based Research in Instructional Technology: (1-3)-0-3**

Students will initiate, complete and present an acceptable field-based research study in instructional technology, using a design developed and approved in EDUR 8434. This study must be related to the student's field of initial certification. This course will focus on collecting, organizing and analyzing data, as well as composing a formal research paper based on the research study. The course culminates with an oral presentation of the study completed using appropriate technologies. Prerequisite(s): A minimum grade of "C" in EDUR 8131, EDUR 8434, ITEC 8133, ITEC 8134, ITEC 8135, and ITEC 8636.

**ITEC 8890****Directed Individual Study: (1-3)-0-(1-3)**

The student will propose and carry out an applied or theoretical project in instructional technology. Prerequisite(s): Permission of advisor.

**Kinesiology (CHHS)****KINS 6130****Research Design in Kinesiology: 3-0-3**

Provides the student with the opportunity to develop skill in designing, evaluating and producing research, with a focus on critical thinking and problem solving. Prerequisite(s): Undergraduate course in research methods or permission of instructor.

**KINS 6131****Data Analysis in Kinesiology: 3-0-3**

Provides the student with an advanced understanding of data analysis in kinesiology. The goal of the course is for the student to obtain advanced knowledge and skills to analyze and understand research data within the

field of human movement. Prerequisite(s): Undergraduate course in statistics, KINS 6130, or permission of instructor.

#### **HLTH/KINS/NTFS 6195S**

##### **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.

#### **KINS 7099**

##### **Selected Topics in Kinesiology: (1-3)-0-(1-3)**

Provides the student with an opportunity for in-depth study of selected topics in kinesiology. Prerequisite(s): Permission of instructor.

#### **KINS 7110**

##### **Multicultural Issues in Physical Education: 1-0-1**

This course focuses on the critical analysis of multicultural issues and other ecological variables in physical activity settings including equity, accessibility, social responsibility, and cultural influences.

#### **KINS 7111**

##### **Action Research in Physical Education: 1-0-1**

The purpose of this course is to develop skills and knowledge necessary to effectively conduct research in P-12 Physical Education. Students will complete a field-based research project in physical education under the direction of a faculty mentor. Prerequisite(s): A minimum grade of "C" in KINS 6130 and KINS 6131.

#### **KINS 7230**

##### **Advanced Exercise Physiology: 3-0-3**

This course focuses on the advanced study of the acute and chronic effects of exercise on the physiological systems of the human body. Prerequisite(s): Undergraduate course in exercise physiology.

#### **KINS 7231**

##### **Laboratory Techniques in Exercise Physiology: 2-3-3**

Acquaints the student with the use of typical laboratory equipment used in exercise physiology. Prerequisite(s): KINS 7230 or permission of instructor.

#### **KINS 7232**

##### **Health Appraisal and Fitness Testing: 3-0-3**

Examines advanced fitness assessments and exercise prescription. Students will learn assessment techniques for a wide variety of client categories and will be responsible for demonstrating application of measurement skill in a format similar to national certification exams. Prerequisite(s): KINS 7230 or permission of instructor.

#### **KINS 7233**

##### **Fitness Program Administration: 3-0-3**

Focuses on the administrative aspects involved in conducting safe and effective fitness programs. Students will learn exercise leadership, patient counseling, emergency procedures, and administrative principles as they apply to clinical exercise settings.

#### **KINS 7234**

##### **Clinical Applications of Biomechanics: 3-0-3**

Provides the student with the biomechanical knowledge essential to conduct systematic quantitative and qualitative analysis of human movement in clinical settings. Prerequisite(s): Undergraduate courses in biomechanics, physics and functional anatomy or permission of instructor.

#### **KINS 7235**

##### **Instrumentation and Techniques in Biochemics: 2-3-3**

Provides students with theoretical knowledge and skills for the biomechanical analysis of movement. Prerequisite(s): A minimum grade of "C" in an undergraduate class in biomechanics, algebra, trigonometry, or permission of instructor.

#### **KINS 7236**

##### **Cardiopulmonary Pathophysiology and ECG Interpretation: 3-0-3**

Focuses on the pathophysiology, epidemiology and rehabilitation from the effects of cardiovascular and respiratory disease. Students will learn electrocardiograph interpretation and become familiar with exercise prescriptions for persons with cardiovascular and respiratory disease. Prerequisite(s): KINS 7230, KINS 7232, or permission of instructor.

#### **KINS 7237**

##### **Exercise and Special Populations: 3-0-3**

Examines the various physiological processes as they are affected by pregnancy, maturation and aging, and how these changes alter a person's response to, and ability to participate in, exercise. Prerequisite(s): KINS 7230 or permission of instructor.

#### **KINS 7238**

##### **Human Performance and Nutrition: 3-0-3**

Examines the interaction between nutrition and physical activity, including exercise and athletic performance. Topics will include the latest research on nutrients and ergogenic aids. Prerequisite(s): Undergraduate course in exercise physiology or permission of instructor.

#### **KINS 7239**

##### **Clinical Exercise Physiology: 3-0-3**

Prepares the student to supervise and direct exercise for the management and rehabilitation of clinical cardiovascular, pulmonary, renal, and metabolic disease. Prerequisite(s): A minimum grade of "C" in an undergraduate course in exercise physiology or permission of instructor.

#### **KINS 7310**

##### **Introduction to Clinical Instruction: 1-0-1**

This course introduces the newly certified athletic trainer to the clinical instructor role in an athletic training clinical setting. Content includes; learning and instruction styles, educational competencies, legal and ethical behaviors, instructional skills of mentoring, supervision, administration, evaluation and assessment of the undergraduate athletic training student in the clinical setting.

#### **KINS 7330**

##### **Clinical Teaching Skills in Athletic Training: 3-0-3**

Exposes the student to knowledge and skills of teaching clinical education programs in athletic training. Students will be exposed to the teaching theories and schema as they relate to clinical education in athletic training. Prerequisite(s): Permission of instructor.

#### **KINS 7333**

##### **Advanced Evaluation Skills in Athletic Training: 3-0-3**

Focuses on the advancement of entry level knowledge and skills related to the evaluation of musculoskeletal related injury. Students will be exposed to both theoretical framework and psychomotor aspects of evaluation skills. Prerequisite(s): Permission of instructor.

#### **KINS 7334**

##### **Advanced Rehabilitation Skills in Athletic Training: 3-0-3**

Focuses on the advancement of entry level knowledge and skills related to the rehabilitation of musculoskeletal related injury. Students will be exposed to both theoretical framework and psychomotor aspects of rehabilitation skills. Prerequisite(s): Permission of instructor.

#### **KINS 7335**

##### **Medical Aspects in Athletic Training: 3-0-3**

This course is designed to enhance the student's knowledge of pathophysiology, clinical presentation, and diagnostic tests of common general medical conditions observed in physically active individuals. Content of the course will cover the following categories/systems: cardiovascular, hematological, pulmonary, ENT, renal, gastrointestinal, hepatology and immunology.



**KINS 7336****Current Issues in Athletic Training: 3-0-3**

An advanced course that focuses on current issues and/or special topics of interest to athletic clinicians. Prerequisite(s): Permission of instructor.

**KINS 7337****Macronutrient Metabolism in Sports Nutrition: 3-0-3**

This course considers macronutrient metabolism in sports nutrition at an advanced level with respect to the metabolism, function, and requirements of macronutrients for physical activity. Prerequisite(s): A minimum grade of "C" in KINS 7238.

**KINS 7338****Micronutrient Metabolism: 3-0-3**

This course considers micronutrient metabolism in sports nutrition at an advanced level with respect to the metabolism, function, and requirements of micronutrients for physical activity. Prerequisite(s): A minimum grade of "C" in KINS 7337 and acceptance into the Georgia Southern University Dietetic Internship.

**KINS/NTFS 7339****Energy Balance for Weight Management: 3-0-3**

This course analyzes the importance of energy balance in weight management as well as investigates genetic, metabolic, environmental factors that contribute to overweight and obesity. Physiological and psychological consequences of overweight and obesity as well as the roles of diet, behavior, and exercise in its prevention and treatment will be discussed. Special emphasis will be placed on the application of weight management theory to the development, presentation, and analysis of weight loss and weight maintenance protocols. Prerequisite(s): A minimum grade of "C" in KINS 7238 and acceptance into the Georgia Southern University Dietetic Internship.

**KINS 7430****Administrative Issues in Coaching: 3-0-3**

Provides the student with the opportunity to study philosophy, principles and procedures in administering an athletic team or program.

**KINS 7431****Applied Sport Physiology: 3-0-3**

Focuses on the study of exercise physiology principles applied to developing training and conditioning programs for enhancing health-related fitness and performance. Prerequisite(s): Undergraduate course in exercise physiology or permission of instructor.

**KINS 7432****Applied Sport Biomechanics: 3-0-3**

Provides the student with an in-depth study of the internal and external forces acting on the human body and the effects produced by these forces. Prerequisite(s): Undergraduate courses in biomechanics, algebra and trigonometry or permission of instructor.

**KINS 7433****Prevention, Recognition and Care of Athletic Injuries: 3-0-3**

Focuses on the study of advanced knowledge in the concepts, practices, and procedures in the prevention, recognition and care of athletic injury and illness. Prerequisite(s): Undergraduate courses in anatomy, physiology and exercise physiology or permission of instructor.

**KINS 7434****Current Issues in Coaching: 3-0-3**

Provides the student with an overview of the skills, techniques and knowledge involved in becoming a coach, focusing on current issues affecting the coaching profession.

**KINS 7437****Analysis of Teaching Physical Education: 3-0-3**

Examines practices of effective teaching techniques and their relationship to learning. Provides the student with an understanding of opportunities to practice effective teaching strategies and skills.

**KINS 7438****Motor Behavior: 3-0-3**

Presents the major theoretical frameworks for acquisition of motor skill. Emphasis is given to the understanding of concepts of motor development, motor control, motor learning and the implications for pedagogy. Prerequisite(s): Undergraduate course in motor behavior or permission of instructor.

**KINS 7530****Psychology of Peak Performance: 3-0-3**

Examines the psychological factors that may lead to peak performances in exercise and sport. Students will be introduced to the physical, mental and emotional variables related to the readiness states of this ideal performance condition. Research and interventions associated with the common qualities of peak performance will be discussed. Prerequisite(s): Undergraduate course in sport psychology or permission of instructor.

**KINS 7531****Team Dynamics: 3-0-3**

Provides the student with an understanding of the influence of teams/groups within exercise and sport upon the individual performer, as well as, the influence of individuals upon teams/groups. Based upon the science/practice model, thus theory, research and application within team/group dynamics. The assignments are structured to give students experience with working in teams/groups. Prerequisite(s): Undergraduate course in sport psychology or permission of instructor.

**KINS 7533****Sport Psychology Interventions: 3-0-3**

Provides an introduction to the application of exercise and sport psychology intervention strategies to enhance performance. Students will participate in various individual-focused performance enhancement training procedures and produce a personalized performance enhancement manual. Prerequisite(s): KINS 7530 or permission of instructor.

**KINS 7534****Current Issues in Sport Psychology: 3-0-3**

Provides student with an in-depth examination of special areas, current topics, and relevant issues in the field of sport psychology. Prerequisite(s): Undergraduate course in sport psychology or permission of instructor.

**KINS 7535****Fitness and Wellness Education: 3-0-3**

The purpose of this course is to provide the teacher with current theories and knowledge regarding fitness and wellness education in P-12 Physical Education. The course will additionally provide the teacher opportunities to design and evaluate fitness and wellness education programs.

**KINS 7536****Assessment and Technology in Physical Education: 3-0-3**

The purpose of this course is to develop skills and knowledge necessary to effectively assess student learning in P-12 Physical Education. The course will additionally provide an overview of the various types of technology that can be utilized in teaching and assessing physical education. The course includes personal computer use in creating materials to enhance instruction and aid in assessment. Also included are other technologies, such as personal digital assistants (PDA), digital cameras/camcorders, various physical education software and Internet options.

**KINS 7537****Evaluation and Rehabilitation of the Lumbar Spine: 3-0-3**

This course provides the student an opportunity for advanced study of lumbar pathology, assessment, and rehabilitation. Students will be exposed to both theoretical framework as well as psychomotor aspects of assessment and rehabilitation of the lumbar spine.

**KINS 7538****Clinical Gait Analysis: 3-0-3**

This course provides the student with an advanced understanding of the principles of Gait Analysis. Students will learn the determinants of normal

and pathological gait and additional locomotor processes. Additionally, this course provides students laboratory experience in the acquisition, interpretation, and analysis of biomechanical data commonly assessed in the analysis of human gait. Prerequisite(s): A minimum grade of "B" in KINS 7234.

#### **KINS 7630**

##### **Seminar in Kinesiology: 3-0-3**

Provides the student with an in-depth literature review and discussion of contemporary topics in kinesiology. Prerequisite(s): KINS 6130, KINS 6131, or permission of instructor.

#### **KINS 7730**

##### **Practicum in Coaching: 0-9-3**

Provides the student with coaching experiences in planning, teaching skills, conducting practice sessions, organizing game situations and analysis, scouting and structuring off-season programming. Prerequisite(s): Permission of instructor.

#### **KINS 7731**

##### **Clinical Practicum for Teaching Athletic Training Skills: 0-9-3**

Provides the student with an opportunity to practice knowledge and skills of teaching clinical skills in athletic training. Students will be placed in clinical environments and will assist in the teaching of clinical athletic training skills. Prerequisite(s): KINS 7330 or permission of instructor.

#### **KINS 7732**

##### **Clinical Practicum for Evaluating Athletic Training Skills: 0-9-3**

Allows the student to practice knowledge and skills of evaluating clinical skills in athletic training. Students will be placed in clinical environments and will assist with the supervision and evaluation of the application of athletic training skills. Prerequisite(s): KINS 7333, KINS 7731, or permission of instructor.

#### **KINS 7733**

##### **Practicum in Sport Psychology: 0-9-3**

Provides the student with the opportunity to practice knowledge and skills of sport psychology interventions. Students will be involved in supervised, applied environments that allow them to work with a team or individual. Prerequisite(s): KINS 7531, KINS 7533, or permission of instructor.

#### **KINS 7799**

##### **Internship in Kinesiology: 9-0-9**

Provides the student with an opportunity to receive practical experiences in a selected movement related setting. Prerequisite(s): Permission of Graduate Program Director.

#### **KINS 7899**

##### **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.

#### **KINS 7999**

##### **Thesis: (1-6)-0-(1-6)**

Provides the student with an opportunity to complete an independent research project. A written and oral defense of the project is required. Prerequisite(s): Permission of Graduate Program Director.

#### **KINS 8430**

##### **Supervision of Instruction in Physical Education: 3-0-3**

Assists the professional educator with acquiring the knowledge and skills essential to improving instruction and instructional programs in physical education. Supervision of novice and experienced physical education teachers will be discussed. Prerequisite(s): EDDL 7137.

#### **KINS 8431**

##### **Curriculum Issues and Trends in Physical Education: 3-0-3**

Identifies theoretical frameworks of curriculum development in relationship to current issues and trends.

#### **KINS 8432**

##### **Advanced Teaching Techniques in Health and Physical Education: 3-0-3**

Purpose of this course is to develop and apply skills and knowledge to effectively implement various instructional models in health and physical education. Prerequisite(s): A minimum grade of "B" in KINS 7437 and KINS 8431.

#### **KINS 8433**

##### **Advanced Methods in Secondary Physical Education: 3-0-3**

Purpose of this course is to develop skills and knowledge necessary to effectively design, evaluate, and analyze secondary Physical Education. The course will additionally provide an overview of the various types of supervision skills one needs evaluate secondary Physical Education.

#### **KINS 8434**

##### **Advanced Methods in Elementary Physical Education: 3-0-3**

Purpose of this course is to develop skills and knowledge necessary to effectively design, evaluate, and analyze elementary Physical Education. The course will additionally provide an overview of the various types of supervision skills one needs evaluate elementary Physical Education.

### **Latin American Studies (Interdisciplinary)**

#### **LAST/SPAN 5232G**

##### **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.

### **Linguistics (Interdisciplinary)**

#### **LING/WRIT 5130G**

##### **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.

#### **LING/WRIT 5330G**

##### **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.

#### **LING/ANTH/WRIT 5530G**

##### **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.

#### **LING 6131**

##### **Applied Phonology: 3-0-3**

An introduction to professional work with linguistic sounds in applied areas of language study such as Teaching English to Speakers of Other Languages (TESOL) and speech pathology.

**LING 6133****Applied English Grammar: 3-0-3**

An overview of English grammar geared towards teachers of English to speakers of other languages and applied linguistics.

**LING 6231****Language, Nation, and Globalization: 3-0-3**

An introduction to national and global language issues and linguistic globalization with special emphasis on the role of English for students in applied areas of language study including Teaching English to Speakers of Other Languages (TESOL).

**LING 6233****Teaching English Internationally: 3-0-3**

A course to prepare students to teach English in other countries.

**Logistics (COBA)****LOGT 7432****Logistics Fundamentals and Strategy: 3-0-3**

Develops an understanding of logistics systems. The class will apply a managerial focus approach to integrating the numerous logistical activities in the supply chain including materials management, physical distribution, third party logistics, transportation, and other topics. The class will stress practical applications through a case approach and a logistics simulation. Prerequisite(s): Graduate standing and the completion of the MBA prerequisites or permission of the COBA Director of Graduate Studies for non-MBA students.

**LOGT 9030****Special Topics in Logistics: 3-0-3**

Addresses important Logistics topics not covered to any significant extent in other courses. The topic(s) to be covered will be announced each time the course is offered. Prerequisite(s): Acceptance in Ph.D.program.

**LOGT 9131****Introduction to Logistics and Transportation: 3-0-3**

Survey of the concepts, best practices and current research in the field of Logistics and Transportation. The subject will be studied from multiple perspectives including the design and interaction of various portions of the supply chain: logistics costs, transportation options, transaction cost economics, operations, supply chain relationships and other relevant topics. The class will provide a foundation for future materials at a doctoral level.

**LOGT 9632****Logistics and Transportation Modeling: 3-0-3**

Techniques and methodology for logistics, transportation and supply chain system design, customer service, and policy formulation. Methodological focus on simulation and analytical techniques to develop empirical results documenting current and anticipated system performance.

**LOGT 9633****Logistics Literature and Research Criticism: 3-0-3**

Survey of the past, current and possible future concepts of the Logistics and Transportation literature. The material will be discussed in a survey setting and will evaluate various research methodologies and highlight opportunities for future research. The course will help the doctoral student identify gaps in the literature, prepare research plans to address the gaps and apply the academic research process.

**LOGT 9634****Current Supply Chain Management Thought: 3-0-3**

Survey of concepts of inter-organizational systems. Supply chains will be examined to include the operational, customer service and financial implications to logistics and transportation academics and professionals. The class will prepare the logistics and transportation major to effectively

integrate other business disciplines into a successful supply chain relationship.

**LOGT 9797****Logistics and Transportation Teaching Practicum: 0-(1-3)-(1-3)**

A practicum of applied teaching at the undergraduate level for doctoral students. Ensures that students have the basic pedagogical foundations and classroom experience to succeed at the university level. Required for the Ph.D. in Logistics/Supply Chain Management.

**LOGT 9999****Dissertation: (1-18)-0-(1-18)**

A directed research project to develop the student's dissertation. This course will also serve as dissertation hours upon completion of the first three (3) hours. An additional 15 hours of LOGT 9999 is required at a minimum for the student to produce an acceptable dissertation.

**Legal Studies (COBA)****LSTD 6130****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): Graduate standing.

**LSTD 7130****Legal and Ethical Issues in Business: 3-0-3**

A survey of the legal and ethical rules which govern the managerial decision making process, particularly focusing on constitutional "Commerce Clause" interpretation, contract and agency principles, administrative agency regulations, and evolving ethical issues which influence the application of the law. The course is set in domestic law, but includes operational legal aspects of the international market place. Prerequisite(s): Graduate standing and the completion of the MBA core or permission of the COBA Director of Graduate Studies for non-MBA students.

**LSTD 7230****Law and Ethics for Accountants: 3-0-3**

An introduction to legal and ethical issues involving the Uniform Commercial Code and administrative agency regulations. Emphasis is on recognition of these issues to enhance professionalism for business administration. Prerequisite(s): A minimum grade of "C" in LSTD 2106 or LSTD 6130 and admission to the MAcc program or permission of the director of the School of Accountancy.

**Mathematics (COSM)****MATH 5090G****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 5130G****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 5135G****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 5136G**

#### **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 5137G**

#### **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 5230G**

#### **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 5232G**

#### **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 5234G**

#### **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 5236G**

#### **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 5330G**

#### **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 5331G**

#### **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 5332G**

#### **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 or MATH 5331G.

### **MATH 5333G**

#### **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 5334G**

#### **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 or MATH 5333G.

### **MATH 5335G**

#### **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 5336G**

#### **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 5337G**

#### **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 5338G**

#### **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 5339G**

#### **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 5430G**

##### **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 5431G**

##### **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 5433G**

##### **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 5434G**

##### **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 5435G**

##### **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 5436G**

##### **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 5437G**

##### **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 5530G**

##### **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 5539G**

##### **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.

#### **MATH 6130**

##### **Fundamental Concepts of Arithmetic and Geometry: 3-0-3**

Emphasizes the mathematical content indicated, but time is also spent in exploring concepts in basic statistics and probability. There is also a field component for this course that teachers will complete by implementing course activities in their classrooms. This course is intended for teachers seeking a P-5 Mathematics Endorsement on their teaching certificate. Prerequisite(s): Admission to P-5 Endorsement Program.

#### **MATH 6131**

##### **Applications in Arithmetic and Algebra for K-5 Teachers: 0-3-3**

This is an online course intended for current K-5 teachers seeking a mathematics endorsement on their teaching certificate. The course will cover models for numbers and operations, patterns as a bridge from arithmetic to algebra, and applications of these topics to the K-5 classroom. This course cannot be taken for credit for students enrolled in a degree program outside the College of Education. Prerequisite(s): Current Georgia Teacher Certification.

#### **MATH 6132**

##### **Applications in Statistics for K-5 Teachers: 0-3-3**

This is an online course intended for current K-5 teachers seeking a mathematics endorsement on their teaching certificate. The course will cover graphical methods for categorical and numerical data, measures of descriptive statistics, probability, Venn diagrams, and applications of these topics to the K-5 classroom. This course cannot be taken for credit for students enrolled in a degree program outside the College of Education. Prerequisite(s): Current Georgia Teacher Certification.

#### **MATH 6133**

##### **Applications in Geometry for K-5 Teachers: 0-3-3**

This is an online course intended for current K-5 teachers seeking a mathematics endorsement on their teaching certificate. The course will cover two and three dimensional shapes and their properties, perimeter, area, volume, and measurement, and applications of these topics to the K-5 classroom. This course cannot be taken for credit for students enrolled in a degree program outside the College of Education. Prerequisite(s): Current Georgia Teacher Certification.

#### **MATH 6230**

##### **Fundamental Ideas of Calculus: 3-0-3**

A review of the principal ideas of calculus, with emphases on concepts. Intended for Mathematics Education majors. Prerequisite(s): A minimum grade of "C" in MATH 1441 and permission of instructor.

#### **MATH 7090**

##### **Selected Topics in Mathematics: (1-3)-(0-2)-(1-3)**

Specialized study in a selected area of Applied Mathematics. Prerequisite(s): Permission of instructor.

#### **MATH 7130**

##### **Mathematical Optimization Theory: 3-0-3**

The course covers fundamentals of mathematical optimization theory. Topics include: elements of convex analysis, first and second order necessary and sufficient optimality conditions for unconstrained and constrained optimization problems, Lagrange multiplier theory, Lagrange duality theory, and an overview of important optimization techniques for convex, conic, semidefinite and complementarity problems. Prerequisite(s): A minimum grade of "C" in MATH 5331; or permission of instructor.

#### **MATH 7132**

##### **Methods of Optimization: 3-0-3**

The first part of the course provides a brief introduction to the foundations of optimization, including optimality conditions. The second part concentrates on selected methods for unconstrained and constrained optimization problems. These include but are not limited to: line search methods, gradient methods, Newton-type methods, trust region methods, non-gradient methods, penalty and barrier methods, interior-point methods, methods of feasible directions and dual methods. Selected methods will be implemented on the computer. Prerequisite(s): A minimum grade of "C" in MATH 5331; or permission of instructor. MATH 5330 is recommended.

#### **MATH 7231**

##### **Advanced Numerical Analysis I: 3-0-3**

An in-depth study of computer arithmetic, the solution of non-linear equations, the solution of systems of linear equations, eigenvalue problems and interpolation. Algorithms and methods are developed and then implemented on a computer. Prerequisite(s): A minimum grade of "C" in MATH 5336.

#### **MATH 7232**

##### **Advanced Numerical Analysis II: 3-0-3**

An in-depth study of orthogonal polynomials, numerical integration, and numerical solutions of ordinary and partial differential equations. Development and computer implementation of algorithms and methods. Prerequisite(s): A minimum grade of "C" in MATH 7231.

#### **MATH 7234**

##### **Advanced Linear Algebra: 3-0-3**

The study of linear maps on finite dimensional vector spaces. Topics include: diagonalization (direct sums, invariant subspaces and Cayley-Hamilton theorem for linear operators), inner product spaces (self-adjoint, orthogonal operators, orthogonal projections and the spectral theorem, bilinear and quadratic forms), canonical forms (Jordan and rational forms, minimal polynomials), special matrices (non-negative matrices), and the exponential of a linear operator. Prerequisite(s): A minimum grade of "C" in MATH 5335.

#### **MATH 7235**

##### **Analytic Number Theory: 3-0-3**

A study of topics from the classical analytic theory of numbers. Topics will be chosen from arithmetic functions, the distribution of primes, congruences, the Riemann-zeta functions, the prime number theorem, Eisenstein series, quadratic residues, Dirichlet series, Euler products, the Dedekind eta function, the Jacobi theta functions, integer partitions, and modular forms. Prerequisites: A minimum grade of "C" in MATH 5234 and MATH 5434.

#### **MATH 7236**

##### **Advanced Ordinary Differential Equations: 3-0-3**

The theory of ordinary differential equations and dynamical systems. Topics include: Sturm-Liouville boundary value problems, eigenfunction

expansions, Lyapunov stability, limit cycles, Poincare Bendixson theorem, Floquet's theory and Invariance theorems. Prerequisite(s): A minimum grade of "C" in MATH 3230.

#### **MATH/TMAE 7237**

##### **Mathematical Control Theory: 3-0-3**

State-space techniques from modern control system theory. Topics include realization theory for MIMO systems, state-space techniques for feedback control, closed loop observer design, and state-space techniques in optimal control. Prerequisite(s): A minimum grade of "C" in MATH 3230 and MATH 5336G, or permission of the instructor.

#### **MATH 7330**

##### **Functional Analysis: 3-0-3**

The study of normed linear spaces and linear operators. Topics include: Hilbert spaces (projection theorem, Riesz representation, Parseval relation); Banach spaces (convexity, duality, bounded and compact operators, theorems of Hahn-Banach, Banach-Steinhaus, open mapping, closed graph, Fredholm alternative); Stone-Weierstrass and Banach fixed point theorems. Prerequisite(s): A minimum grade of "C" in MATH 5332 and MATH 5335.

#### **MATH 7331**

##### **Real Analysis: 3-0-3**

Theory of Lebesgue measure and integration, monotone convergence, the dominated convergence theorem, Fubini's Theorem, Radon-Nikodym theorem, Riesz representation theorem,  $L_p$  and  $l_p$  spaces, functions of finite variation, Stieltjes integral, absolute continuity. Prerequisite(s): A minimum grade of "C" in MATH 5331.

#### **MATH 7332**

##### **Advanced Partial Differential Equations: 3-0-3**

The theory of linear and nonlinear partial differential equations. Topics include: Classical theory of elliptic, parabolic and hyperbolic partial differential equations and their solutions, potential theory, maximum principle, existence of weak solutions, regularity of solutions, Duhamel's principle and Cauchy's problem. Prerequisite(s): A minimum grade of "C" in MATH 5339 or MATH 5339G or permission of instructor.

#### **MATH 7333**

##### **Complex Analysis: 3-0-3**

An in-depth study of functions of one complex variable. Topics include: properties of holomorphic, harmonic, meromorphic and entire functions (open mapping, maximum modulus, mean value, Poisson's, Rouche's, Liouville's, Picard's and Mittag-Leffler's theorems), residue theory (residue theorem, argument principle and applications), conformal mappings (Möbius and Christoffel-Schwarz canonical transformations, Riemann mapping theorem), analytic continuation (monodromy theorem, Schwarz reflection principle, Riemann surfaces and multi-valued functions). Prerequisite(s): A minimum grade of "C" in MATH 5331 and MATH 5434.

#### **MATH 7334**

##### **Approximation Theory: 3-0-3**

The study of the approximation of functions in normed linear spaces. The course emphasizes the theory of interpolation and approximation by polynomials, rational functions and spline functions. Main topics include: best approximation, order of approximation, interpolation, existence and uniqueness of best approximants, theorems by Weierstrass, Haar, Chebyshev, Bernstein, Markov, Korovkin, Schoenberg, and applications. Prerequisite(s): A minimum grade of "C" in MATH 5331 and MATH 5335.

#### **MATH 7430**

##### **Abstract Algebra I: 3-0-3**

This course provides a comprehensive study of group theory. The course begins with basic concepts of group theory (binary structures, subgroups, homomorphisms) and continues with the study of normal subgroups, quotient groups and the isomorphism theorems. Further topics to be studied include group actions, Sylow's theorem and the structure of finitely generated abelian groups. Prerequisite(s): A minimum grade of "C" in MATH 5333 or MATH 5333G or permission of instructor.

**MATH 7431****Abstract Algebra II: 3-0-3**

The course provides a comprehensive study of rings and fields. The course begins with the basic concepts (rings, subrings, ideals, quotient rings, homomorphisms), continues with the arithmetic of rings, applications to rings of polynomials and field theory, and concludes with a chapter on Galois theory that links field theory and group theory. Prerequisite(s): A minimum grade of "C" in MATH 7430 or permission of instructor.

**MATH 7432****Differential Geometry of Manifolds: 3-0-3**

The study and applications of calculus on manifolds. Topics include: atlases, tangent spaces, differentiable maps; immersions and submanifolds, submersions and quotient manifolds; matrix groups and their Lie algebras; vector fields and flows; differential forms, exterior derivative, and Lie derivative. Prerequisite(s): A minimum grade of "C" in MATH 3230 and MATH 5335.

**MATH 7435****Elements of Algebraic Topology: 3-0-3**

The study of the topology of geometric objects from the algebraic viewpoint, in particular using homotopy and homology groups. Main topics: Topological manifolds, homotopy, fundamental group, free groups, covering spaces, and homology. Prerequisite(s): A minimum grade of "C" in MATH 5435 and MATH 3333.

**MATH 7610****Graduate Seminar: 1-0-1**

Under supervision of one or more faculty members, each student will choose topics related to his or her concentration, or topics of interest to the class, read and research on them, then make presentations in front of the class or a larger audience. Students will also attend presentations of internal and external speakers on mathematical sciences. Prerequisite(s): A minimum grade of "C" in any two of the following: MATH 5332, MATH 5335, MATH 7231, STAT 5531.

**MATH 7890****Directed Study in Mathematics: (1-3)-(0-2)-(1-3)**

Directed study under faculty supervision. Prerequisite(s): Permission of instructor and department chair.

**MATH 7895****Research: 0-(1-3)-(1-3)**

Graduate students will conduct a program of independent research under the direction of a thesis advisor or an advisory committee on a topic in Mathematical Sciences. Results of the research will be presented as a thesis in partial fulfillment of the requirement of the Master of Science degree.

**MATH 7999****Thesis: 0-(1-3)-(1-3)**

Results of independent research conducted under the direction of a thesis advisor will be presented as a thesis in partial fulfillment of the Master of Science degree. The thesis will be defended before an advisory committee.

**Mechanical Engineering (CEIT)****MENG 5090G****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. 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): Graduate standing or permission of instructor.

**MENG 5135G****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. 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): MATH 3230, MENG 3130, and MENG 3521 or permission of instructor.

**MENG 5136G****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. 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 2112, ENGR 3235, MENG 2139, MENG 3135, and MENG 3233.

**MENG 5137G****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. 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): Graduate standing or permission of instructor.

**MENG 5138G****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. 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): MENG 3135, MENG 3233, and MENG 3333 or permission of instructor.

**MENG 5234G****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. 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 3431, ENGR 3235, and MENG 3233 or permission of instructor.

**MENG 5235G****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. 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 3235, ENGR 3431, and MENG 3233 or permission of instructor.

**MENG 5331G****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. 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 5536G**

#### **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 a case study or other individualized advanced activity that undergraduate students will not be required to complete. Prerequisite(s): MENG 2139, MENG 3130, and MENG 3521 or permission of instructor.

### **MENG 5891G**

#### **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. 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): Graduate standing, identification of a problem or study area, and permission of instructor.

## **Middle Grades Education (COE)**

### **MGED 5799G**

#### **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.

### **MGED 6131**

#### **Curriculum for the Middle Grades: 3-0-3**

An introduction to the middle school concept that emphasizes the developmental needs of early adolescents in the context of patterns of school organization and curriculum that are responsive to the intellectual, social, emotional and physical needs of adolescents. Topics will include historical development, school organization, assessments, materials to enhance student learning, and special programs for early adolescent learners. Emphasis will be placed on lessons and units appropriate for adolescents. Candidates will design an instructional unit that demonstrates effective instructional strategies, appropriate content, multiple assessments of student learning, and a range of learning resources, including technology. Prerequisite(s): ITEC 7530 or equivalent.

### **MGED 6738**

#### **Supervised Practicum in the Middle Grades: 0-0-3**

A supervised teaching experience in grades 4-8. Candidates will plan and teach in one's specific teaching field(s) and grade levels for which they are being certified. Emphasis is placed on instructional planning, effective instruction, classroom management, and student evaluation. Prerequisite(s): A minimum grade of "C" in MSED 6120 and admission to Teacher Education Program. Corequisite(s): MGED 6131.

### **MGED 6739**

#### **M.A.T. Internship I: Middle Grades: 0-0-3**

This supervised practicum course is designed for M.A.T. candidates who are employed full time in an approved teaching position. It provides a supervised teaching experience in an appropriate grade level and school setting for the candidate's teaching field. Candidates will plan and teach in the specific teaching field(s) and grade levels for which one is being certified. Emphasis is placed on instructional planning, classroom management, and student evaluation. Prerequisite(s): A minimum grade of

"C" in MSED 6120 and admission to Teacher Education Program. Corequisite(s): MGED 6131 and candidates must hold a valid non-renewable teaching certificate and be currently employed in grades 4-8 and teaching in the teaching field(s) for which one is being certified.

### **MGED 6799**

#### **Supervised Internship: Middle Grades: 0-0-(1 to 12)**

A fifteen-week supervised teaching experience in the specific teaching field(s) and grade levels for which one is being certified. Candidates seeking initial certification in middle grades will complete the internship in order to be eligible for initial certification. Prerequisite(s): A minimum grade of "C" in MGED 6131 and candidates must hold a valid non-renewable teaching certificate and currently employed in grades 4-8 and teaching in the teaching field(s) for which one is being certified.

### **MGED 8131**

#### **Integrated Curriculum for the Middle Grades: 3-0-3**

A study of middle level curriculum issues and trends that focus on a variety of strategies that integrate the curriculum. Emphasis will be placed on various models for integrating the curriculum in order to be responsive to the transitional needs of the early adolescent. Prerequisite(s): MAT Middle Grades candidates must have completed MGED 6131 with a minimum grade of "C".

### **MGED 8132**

#### **Effective Middle Schools: 3-0-3**

A study of student development concepts, school structures and practices, and important teaching and learning strategies associated with effective middle level schools. Emphasis is placed upon the relationships that exist between student development, school organization and practice and strategies for supporting effective learning and interaction among diverse learners. The course includes field-based action research, participation in learning teams, and development of significant portfolio evidence of successful interaction with the course content and other learning team members. Some components will typically be network based. Prerequisite(s): MAT Middle Grades candidates must have completed MGED 6131 with a minimum grade of "C".

### **MGED 8633**

#### **Seminar in Middle Grades Education: 3-0-3**

A capstone course for the M.Ed. Middle Grades program. Examines the current status and future directions in middle level education. Current research in young adolescent development, curriculum, school organization and pedagogy will serve as the focus of the course. Contains a major reading writing experience that emphasizes the relationship between theory and practice. Attention will also be given to teacher leadership roles. A field based project is included. Prerequisite(s): A minimum grade of "C" in EDUR 7130, MGED 8131, and MGED 8132. M.Ed. in Middle Grades candidates must have completed MSED 8333 or MSED 8331 and the advanced methods courses with a minimum grade of "C". MAT Middle Grades candidates must also have completed MGED 6131 and methods courses with a minimum grade of "C".

## **Management (COBA)**

### **MGNT 6330**

#### **Business Statistics using Spreadsheet Analysis: 3-0-3**

Coverage of statistical techniques and concepts commonly applied by managers. Topics covered include descriptive and graphical analysis, probability, sampling, statistical inference, and regression analysis. Spreadsheet and database analysis will be included in the coverage. Provides the foundation for understanding the concepts and applications that will be studied in MGNT 7331. Prerequisite(s): Graduate standing.

### **MGNT 6331**

#### **Foundations of Management and Marketing: 3-0-3**

This course is an integrated course encompassing the principles of management, organizational behavior, and human resources management and marketing. This course will show students how to place management activities within the context of a global operating environment, with consideration given to ethical, legal, and corporate social responsibility



issues; plan for the future of the organization using proven planning strategies; and structure an organization effectively, given its environment and strategy. This course also provides a firm foundation for an understanding of the challenges that face the marketing environment, ethics and other current developments in marketing. Prerequisite(s): Graduate Standing.

**MGNT 7330****Leadership and Motivation: 3-0-3**

A study of leadership and motivation. This course provides an overview of existing theories and models of leadership and motivation. Using readings, cases, discussion, and guest speakers, the course explains the importance of leadership, motivation, power, and influence in organizational life. Special emphasis is placed on leadership for change. Prerequisite(s): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MGNT 7331****Managerial Decision Analysis: 3-0-3**

The course will provide a conceptual paradigm for decision makers to construct models and analyze decisions in today's business environment. Quantitative methods will be used to construct models with emphasis placed on representing real world problems and gaining insight and understanding of the decision making process. Specific models developed may include, but are not limited to, statistical fundamentals and probability for decision making, linear programming applications, multiple regression and forecasting models, and statistical quality control. The course will be spreadsheet based. Prerequisite(s): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MGNT 7332****Management for Non-profit Organizations: 3-0-3**

A study of the unique aspects of managing nonprofit organizations. Their role in society is considered. Special emphasis is placed on HRM functions of the nonprofit, as well as analysis of planning, organizing, directing, and controlling. Boundary spanning activities with governments and private sector will be studied. Prerequisite(s): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MGNT 7333****Social Issues in Business: 3-0-3**

Overview of the impact of social issues on managerial decision making. Examines the role of the businessperson in modern society. Considers business and society responsibility, pollution, employment discrimination, affirmative action, sexual harassment, consumerism, business and professional ethics, and the social responsibilities of multinational corporations. Prerequisite(s): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MGNT 7334/7334S****Global Management: 3-0-3**

Provides the student with an understanding of the global manager's role in the global organization. Provides graduate level skills in the management functions of global planning, international organizing, leading expatriates and diverse cultures, and controlling the global organization. Prerequisite(s): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MGNT 7335****Entrepreneurship: 3-0-3**

A study of the business formation process that focuses on the creativity, risk-taking, and planning associated with new ventures. Provides information on the entrepreneurial process starting with idea generation, idea development, feasibility analysis, resource identification, and concludes with the development of a coherent business plan. Prerequisite(s): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MGNT 7336****Readings in Total Quality Management: 3-0-3**

Managerial issues that are important in understanding and implementing an organization-wide "Total Quality Management" process, to include organizational-level strategic quality decisions plus tactical-type decisions related to the total quality management of the organization. Prerequisite(s): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MGNT 7337****Managing Organizational Change and Development: 3-0-3**

Provides an overview of the field of organization development (OD) and the management of change in today's organizations. Prerequisite(s): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MGNT 7338****The Human Resource Process: 3-0-3**

Provides a comprehensive in-depth study of the field of Human Resource Management and the interplay with other business functions and the environment. Prerequisite(s): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MGNT 7339****Applied Regression Analysis and Forecasting for Business: 3-0-3**

The course teaches the student how to diagnose practical problems in various business disciplines, decide upon the appropriate model formulation for a given situation, and interpret the statistical results in a managerial context. The course focuses on fitting regression and time series models to real business problems. Students will use Excel and SPSS. When possible students will analyze real data sets. Prerequisite(s): A minimum grade of "B" in BUSA 3131 or a minimum grade of "C" in MGNT 6330.

**MGNT 7430****Management of Operations for Competitive Advantage: 3-0-3**

Provides an understanding of the production/operations function within an organization. It will focus on the type of decisions to be made at various organizational levels, and, where appropriate, on particular models and quantitative techniques that can be useful in making those decisions. Emphasis will be placed on how those decisions are interrelated and on their strategic implications for the firm. Finally, it will consider how the operations function fits with the other functional areas of the firm. Prerequisite(s): Graduate Standing and Completion of MBA prerequisite or permission of Director of COBA Graduate Studies for non-MBA students.

**MGNT/CISM 7431****Project Management: 3-0-3**

This course focuses on the principles and processes of project management using a systematic approach to problem solving. The project management body of knowledge areas (PMBOK) is covered, along with project management life cycle in addition to traditional project management (e.g., efficiency of the project, operational performance, planning, meeting time and budget goals). This course will give special emphasis to the management of implementation projects relevant to the students' majors, e.g. Enterprise Resource Planning (ERP) for Information Systems students or Total Quality Management (TQM) for Management students. Students are also taught how to use computer software to facilitate project management, and obtaining project management certification is emphasized. Prerequisite(s): Graduate standing and the completion of the MBA prerequisites or permission of the IS Department chair for non-MBA students. Prior completion of MGNT 7430 is recommended.

**MGNT 9030****Special Topics in Management: 3-0-3**

Addresses important Management topics not covered to any significant extent in other courses. The topic(s) to be covered will be announced each time the course is offered. Prerequisite(s): Acceptance in Ph.D. program.

**MGNT 9631****Operations, Procurement and Sourcing Strategies: 3-0-3**

This course provides a comprehensive perspective of operations management connections to sourcing and procurement in supply chain management (SCM) through theoretical models, industry practices and analysis of current scholarly operations, sourcing, procurement and SCM research. Perspective and knowledge gained from this course provide a strategic operations, sourcing and procurement framework to guide scholarly research and teaching in SCM.

**MGNT 9661****Readings in Total Quality Management: 3-0-3**

Surveys current research addressing issues that are important in understanding and implementing organization-wide quality management and business process improvements. Literature reviewed focuses on both strategic issues and tactical decisions. Prerequisite(s): Acceptance in Ph.D.in Logistics/Supply Chain Management.

**MGNT 9662****Production Planning: 3-0-3**

Reviews the processes of planning and allocating resources in order to produce and maintain goods and services needed to meet customer needs. Includes research into decisions that address the quantity and timing of resource allocation to efficiently meet customer demand. Prerequisite(s): Acceptance in Ph.D.in Logistics/Supply Chain Management.

**MGNT 9663****Inventory Control Systems: 3-0-3**

Reviews systems used to ensure sufficient availability of materials to meet production and customer needs. Includes research into decisions that address the timing and quantity of material inventories in multi-echelon inventory systems in order to achieve target levels of customer service, operating costs, inventory investment, and, ultimately, competitive advantage. Prerequisite(s): Acceptance in Ph.D.in Logistics/Supply Chain Management.

**Marketing (COBA)****MKTG 7431****Strategic Marketing Management: 3-0-3**

A strategy planning approach to marketing management from conception and application perspectives. Focus is on the strategic decision-making process supported by self-analysis and external analysis. Legal, ethical, and international aspects are also considered. Prerequisite(s): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MKTG 7435/7435S****Global Marketing: 3-0-3**

Provides the student with a thorough 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): Graduate standing and completion of MBA prerequisites, or permission of Director of COBA Graduate Studies for non-MBA students.

**MKTG 7830****Special Topics in Marketing: 3-0-3**

A standard course developed for a special or newly emerging topic in marketing. Lectures, group work, readings, research, and writing are required as in any other advanced elective course. Prerequisite(s): Cumulative GPA of 3.0 or better, completion of the MBA prerequisites, and permission of the director.

**MKTG 9631****Seminar in Marketing Theory: 3-0-3**

This course provides a comprehensive overview of the history, nature, scope, and evolution of marketing thought. Students taking this course will

examine how the philosophy of science relates to the development of marketing theory, explore the history of marketing and the impact of paradigm shifts on the definition and role of marketing over time, learn how to critically assess research and theory within the discipline of marketing, and begin to define the role and responsibility of the marketing scholar.

**MKTG 9671****Promotion Seminar: 3-0-3**

An examination of current issues and trends in the field of promotions. Particular emphasis will be placed on Integrated Marketing Communications and the role of marketing communications in establishing and building brand equity. Prerequisite(s): Acceptance in Ph.D.in Logistics/Supply Chain Management.

**MKTG 9672****Marketing Strategy Seminar: 3-0-3**

An examination of current issues and trends in the field of product development, brand management, and pricing. Emphasis will be placed on the new product development process, managing products over the product life cycle, and the analysis of the firm's product mix to enhance the firm's profitability. Various pricing theories and models will be examined and the role of pricing strategy within the firm's overall competitive strategy model. Prerequisite(s): Acceptance in Ph.D.in Logistics/Supply Chain Management.

**MKTG 9673****Buyer Behavior: 3-0-3**

An examination of techniques used to determine and evaluate markets. Consumer and business buying behaviors utilizing the behavioral sciences will be discussed. Advanced computer modeling techniques for determining markets will be introduced. Various techniques for researching markets, determining market potential, and forecasting will be discussed. Prerequisite(s): Acceptance in Ph.D.in Logistics/Supply Chain Management.

**MKTG 9674****Global Marketing Theory and Application: 3-0-3**

An examination of the origins and application of global marketing strategy. Students will learn the mechanics of international trade in general and international marketing in particular, and special emphasis will be placed on examination of the influence of culture and current events on the development and implementation of marketing strategies in the global economy.

**MKTG 9675****Professional Sales and Sales Management: 3-0-3**

A survey course taking an indepth examination of current issues and trends in the fields of professional sales and sales management.

**Middle Grades and Secondary Education (COE)****MSED 5333G****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).

**MSED 6120****Introduction to the Middle and Secondary School: 2-0-2**

This course examines the curriculum, instruction, and organization of middle and secondary schools. It provides substantial knowledge of the

nature and needs of adolescent learners as well as curriculum planning and instruction. Corequisite(s): MSED 6122 and MSED 6123.

**MSED 6122****Curriculum and Instruction: 2-0-2**

This course examines instructional design for middle and secondary schools. It examines classroom practice and provides substantial knowledge of unit and lesson design. Corequisite(s): MSED 6120 and MSED 6123.

**MSED 6123****Middle and Secondary School Practicum: 0-8-2**

A supervised introductory teaching experience in grades 4-12. Candidates will observe, assist, plan, and teach in the specific teaching field and grade level for which they are being certified. Emphasis is placed on observation and participation in various aspects of classroom life and the unique needs of adolescent learners. In addition, candidates will plan with the classroom teacher and teach introductory lessons in content area. Corequisite(s): MSED 6120 and MSED 6122.

**MSED 6237****Science Methods: 3-0-3**

This course is designed to assist students in understanding the purpose of science in the middle and secondary school curricula and becoming familiar with the trends in science instruction. Skills are developed in using classroom laboratory and field trip experiences in planning and evaluating science instruction. Major emphasis is placed on planning and presentation skills and on developing strategies to facilitate working with the diverse student populations present in the public schools. Prerequisite(s): A minimum grade of "C" in MSED 6120 and admission to Teacher Education Program.

**MSED 6337****Language Arts Methods: 3-0-3**

A study of methods and materials appropriate in teaching composition, literature, and oral expression in the middle and secondary school language arts/English program. Emphasis will be placed on the writing process, teaching grammar through writing, and literature for grades 4-12. Prerequisite(s): A minimum grade of "C" in MSED 6120 and admission to Teacher Education Program.

**MSED 6437****Social Science Methods: 3-0-3**

A study of the social sciences in the middle and secondary schools. Emphasis is placed on instructional planning for diverse classrooms; assessment of student learning; the use of multiple resources, including technology; and an application of the NCSS standards in the middle and secondary social science curriculum. Prerequisite(s): A minimum grade of "C" in MSED 6120 and admission to Teacher Education Program.

**MSED 6537****Mathematics Methods: 3-0-3**

A study of teaching methods and materials, curriculum content, assessment and trends in middle and secondary school mathematics. Emphasis is placed on instructional planning for diverse classrooms; assessment of student learning; the use of multiple resources, including technology; and application of NCTM standards in the middle and secondary mathematics curriculum. Prerequisite(s): A minimum grade of "C" in MSED 6120 and admission to Teacher Education Program.

**MSED 6637****Business Education Methods: 3-0-3**

A study of teaching methods and materials, curriculum content, and trends in teaching Business Education in the middle and secondary schools. The course also includes a study of vocational education programs. Emphasis is placed on instructional planning for diverse classrooms; assessment of student learning; the use of multiple resources, including technology; and an application of the national business education standards. Prerequisite(s): A minimum grade of "C" in MSED 6120 and admission to Teacher Education Program.

**MSED 6737****Family and Consumer Sciences Methods: 3-0-3**

This course assists students in understanding the purpose of family and consumer sciences programs in the secondary school curriculum and in becoming familiar with the trends in family and consumer sciences instruction. Students will develop skills in planning and evaluating family and consumer sciences instruction using the classroom as a laboratory. Major emphasis is placed on planning and presentation skills and on developing strategies to facilitate learning of diverse student populations in the public schools. Prerequisite(s): Admission to Teacher Education Program.

**MSED 7130****Middle and Secondary School Colloquium: 3-0-3**

In the M.A.T. colloquium course, students will analyze issues related to diverse school populations, classroom and behavior management, technology integration, school governance and teacher leadership, professional performance assessments, educational law, and ethics and professionalism in teaching. Prerequisite(s): Admission to student teaching or supervised internship. Corequisite(s): SCED 5799G, MGED 5799G, or ESED 6799.

**MSED 7132****Assessment of Student Learning: 3-0-3**

This course will emphasize a study of formal and informal assessments in order to maximize student learning. Emphasis is placed on strategies for collecting, analyzing, and using student performance data to modify instruction and increase student learning for all students. Prerequisite(s): A minimum grade of "C" in MGED 6131 or SCED 6131.

**MSED 7231****Hands-On Science for the Middle and Secondary Schools: 3-0-3**

Designed to introduce and promote the use of curricula, resources, and activities which emphasize the use of hands-on/inquiry science appropriate for middle and secondary schools. The course focuses on: the development of hands-on and interdisciplinary science curricula; research relative to the use of inquiry-based science; classroom implementation of science programs; and the development of process and inquiry skills. Emphasis will be placed on addressing local needs and resources in the area of science instruction. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field: biology, broad fields science, chemistry, physics, or middle grades science.

**MSED 7232****Teaching the Great Ideas in Science: 3-0-3**

This course is designed to enhance students' understanding of the "Great Scientific Premises" that undergird and integrate the science disciplines. Emphasis is placed on hands-on interaction with scientific principles and materials that will enhance the capacity of teachers to support their students' construction of scientific understanding. The course uses the ideas and experiences of both classical and/or contemporary scientists to engage teachers in a reflective opportunity to gain an appreciation of the rich extent of the history and nature of the scientific enterprise and to prepare them to help their students "make sense" of the science they are expected to learn. It is also designed in a way to engage teachers with the National Science Standards as they explore the science that is necessary to be a scientifically literate citizen of the United States. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field: biology, broad fields science, chemistry, physics, or middle grades science.

**MSED 7331****Early Adolescent Literature: 3-0-3**

A study of pedagogical theory and practices for integrating contemporary early adolescent/young adult literature into the middle and secondary school curriculum. Course content will focus on making text selections, workshop approaches, literary circles, and reader response theory. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

**MSED 7333****Writing Instruction for the Middle and Secondary Schools: 3-0-3**

Examines current research in the teaching of writing. Emphasis will be placed on a study of instructional strategies for prewriting, composing, revising, and editing. The course also examines models for integrating writing across subject areas in the middle and secondary schools. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

**MSED 7431****Teaching Geography in the Middle and Secondary Schools: 3-0-3**

This course is designed to assist social studies teachers implement the National Geographic Standards. These standards identify what every public school student should learn. The course will emphasize the benchmarks that have been adopted in order to assist teachers and curriculum specialists develop guidelines for their own classrooms and school systems.

**MSED 7432****Teaching Social Studies in the Middle and Secondary Schools: 3-0-3**

A study of the place of social education in middle and secondary schools. In a seminar setting, students will analyze problems challenging middle and secondary school social studies educators including the knowledge base of social science education, teaching for active and responsible citizenship, making curricular choices, selecting appropriate instructional techniques, and assessing current trends in middle and secondary school social studies education. Candidates must tailor the course assignments and experiences to their specific grade levels and certification/content field: economics, geography, history, political science, or middle grades social studies.

**MSED 7433****Teaching Business Education in the Secondary Schools: 3-0-3**

Students will examine current trends, issues, and research related to teaching Business Education in the secondary schools. Emphasis is placed on state and national business education standards, instructional strategies, assessments, and resources that have an impact on student learning. Candidates will examine, analyze, and reflect on current problems challenging business education teachers in the secondary schools.

**MSED 7535****Teaching Middle Grades and Secondary Mathematics: 3-0-3**

An in-depth study of current content standards, methods and assessments strategies for teaching middle grades and secondary mathematics. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

**MSED 8231****Trends in Middle and Secondary Science: 3-0-3**

Designed to provide an in-depth study of current issues, reforms, and trends in middle grades and secondary science. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field: biology, broad fields science, chemistry, physics, or middle grades science.

**MSED 8331****Trends in the Content Areas: 3-0-3**

This course provides opportunities to explore a selected political, cultural and/or technological trend as it relates to teaching in the content areas. The specific focus of the course will vary, but the structure and learning goals will remain constant. Students will explore the theoretical foundations of the selected trends as well as pedagogical practices aligned with the trends in their specific certification/content field and grade levels. Candidates must tailor the course assignments and experiences to their specific grade levels and certification/content field.

**MSED 8333****Readings and Research in the Content Areas: 3-0-3**

This course provides opportunities for students to analyze current research in their certification/content field and grade levels in relation to classroom practice. More specifically students will explore current trends and issues in teaching and learning in the disciplines through intensive reading of scholarly and practitioner journals. Students will select one issue, review current literature that addresses this issue and write a review that summarizes findings from this research and implications for their classroom practice. Issues addressed in the course may include topics such as teaching English Language Learners in content area classrooms, using Web 2.0 technologies effectively and role of discussion in learning content.

**MSED 8434****Trends in Middle and Secondary Social Studies: 3-0-3**

A study of current trends and issues in social studies curriculum and instruction. An emphasis is placed on an analysis of problems challenging social studies teachers in the middle and secondary schools. Candidates must tailor the course assignments and experiences to their specific grade levels and certification/content field: economics, geography, history, political science, or middle grades social studies.

**MSED 8530****Foundations of Teaching Grades 4-12 Mathematics: 3-0-3**

An in-depth analysis of the content and pedagogy of middle grades and secondary mathematics. Emphasis will be placed on a study of the research in middle grades and secondary mathematics curriculum and instruction, as well as the historical development of current mathematics content requirements. Candidates must tailor their course assignments and experiences to their specific grade levels and certification/content field.

**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 5030G****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 5031G****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 5231G****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 5232G****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 5233G****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 5234G****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 5236G****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 5237G****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 5239G****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 5332G****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 5411G****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 5430G****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 5431G****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 5432G****Advanced Jazz Arranging: 3-0-3**

Study of issues and techniques in composing arrangements for various types of jazz ensembles with practical experience.

**MUSC 5539G****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 5630G****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.

**MUSC 6131****Music Reference Tools and Resources: 3-0-3**

A survey of basic and advanced reference sources and tools relating to music, both printed and on-line; methods for locating, evaluating, and citing manuscript and printed musical sources, including critical editions; resources for finding music-related materials on the Internet; and tools for dealing with music reference materials in foreign languages.

**MUSC 7092****Selected Topics in Music: 3-3-3**

Topics vary with individual professor.

**MUSC 7231****History and Philosophy of Music Education: 3-0-3**

A study of historical and philosophical currents which have shaped current music education practices.

**MUSC 7232****Research in Music Learning: 3-0-3**

This course is a presentation of quantitative and qualitative research methods, with emphasis on connecting research to music learning and performance contexts. Students will develop skills in design, data interpretation, and application to practice.

**MUSC 7239****Selected Topics in Music Education: 3-0-3**

Specialized study of a specifically-announced area in music education.

**MUSC 7330****Chamber Music Analysis and Literature: 3-0-3**

Examination, discussion, and analysis of selected chamber music literature from the Baroque to the present.

**MUSC 7331****Advanced Analytical Techniques: 3-0-3**

Techniques for analyzing form and other stylistic elements of music, emphasizing larger and more complex works; overview of major analytical methodologies; issues in interpreting published analytical research; combining analytical and historical research.

**MUSC 7339****Selected Topics in Music Theory: 3-0-3**

Specialized study of a specifically-announced area in music theory.

**MUSC 7432****Choral Literature: 3-0-3**

Designed to provide students with in-depth knowledge of choral literature. Students will study the major genres from the Pre-Renaissance to the present with emphasis on the mass, motet, requiem, and oratorio.

**MUSC 7436****Wind Ensemble Literature Before 1950: 3-0-3**

Survey of the historical development of wind band literature and ensembles up to 1950 with respect to composers, composition, performers, instrumentation, and events.

**MUSC 7437****Wind Ensemble Literature After 1950: 3-0-3**

Survey of the historical development of wind band literature and ensembles after 1950 with respect to composers, composition, performers, instrumentation, and events.

**MUSC 7530****Digital Audio Montage: 2-2-3**

Explores digital audio theory and practice, sound recording techniques, sound and music representation, sound transformation, and compositional methods of morphological montage through the creation and performance of musical works in the electronic medium. Prerequisite(s): Experience using computers, a firm background in music theory, computer science, or visual art, basic math skills, and be familiar with elementary aspects of music technology (mixers, cables, and other studio basics).

#### **MUSC 7533**

##### **Sound Design and Processing: 2-2-3**

Examines sound design and processing through the use of the Supercollider 3 programming language for musical digital signal processing. Students will explore fundamentals of object-oriented computer programming and musical digital signal processing through the creation and performance of musical works in the electronic medium and the creation of their own audio synthesis and transformation software. Prerequisite(s): Experience using computers, a firm background in music theory and/or computer science, basic math skills, familiarity with elementary aspects of music technology (mixers, cables, etc.). A background in computer programming is helpful but not required.

#### **MUSC 7534**

##### **Interactive Media: 2-2-3**

Examines the use of interactivity in multimedia. Students will learn high-level programming concepts, algorithmic design, and cross-modal aesthetic principles using Max/MSP/Jitter. Prerequisite(s): Experience using computers, a firm background in music theory, computer science, or visual art, basic math skills, and be familiar with elementary aspects of music technology (mixers, cables, and other studio basics). A background in computer programming is helpful but not required.

#### **MUSC 7535**

##### **Advanced MIDI Sequencing: 2-2-3**

This course explores the core concepts of acoustics and psychoacoustics, the MIDI protocol, music composition and performance using MIDI, hardware-based sound synthesis, hardware-based effects, and audio sampling through the creation and performance of musical works in the electronic medium.. Prerequisite(s): Experience using computers, a firm background in music theory, computer science, or visual art, basic math skills, and be familiar with elementary aspects of music technology (mixers, cables, and other studio basics).

#### **MUSC 7630**

##### **Seminar in Advanced Conducting: 3-0-3**

Refinement of conducting and rehearsal techniques including issues related to preparation, gesture, blend and balance, intonation and diction, error detection, pedagogy, and rehearsal strategies. Includes supervised rehearsal and performance practicum. May be repeated for credit toward the degree. Prerequisite(s): Permission of the Instructor. Students must either be available to work with an assigned ensemble at the University or receive approval to work with their own ensemble (such as a secondary school band or choir).

#### **MUSC 7631**

##### **Advanced Score Reading Techniques: 3-0-3**

A capstone course to review concepts of music theory and examine current systems and materials used in teaching music theory.

#### **MUSC 7633**

##### **Advanced Score Reading Techniques: 3-0-3**

Score study techniques and discussion of issues in preparation for conducting across all areas of band, choral, orchestral, and mixed ensembles.

#### **MUSC 7639**

##### **Selected Topics in Conducting: 3-0-3**

Specialized study of a specifically-announced area in music conducting.

#### **MUSC 7891/7891S**

##### **Special Problems in Music: (1-9)-0-(1-9)**

Topics vary with individual professor.

#### **MUSC 7931**

##### **Music Education Final Project: 0-0-3**

Planned project, written or practical, directed by the student's project advisor. Prerequisite(s): Permission of the student's project advisor and the graduate coordinator.

#### **MUSC 7932**

##### **Music Technology Final Project: 0-3-3**

Planned project directed by the student's project advisor. Prerequisite(s): Permission of the student's project advisor and graduate coordinator.

### **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 6210**

##### **University Band: 0-(3-5)-1**

MUSE courses are not listed in the catalog.

#### **MUSE 6211**

##### **Wind Symphony**

### **Nutrition and Food Science (CHHS)**

#### **NTFS/HLTH/KINS 6195S**

##### **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.

#### **NTFS 7314**

##### **Applied Medical Nutrition Therapy: 1-0-1**

This course provides an advanced focus on medical nutrition therapy to help students successfully apply the Nutrition Care Process to individuals from all life stages and disease states. In conjunction with the Georgia Southern Dietetic Internship, this course provides the knowledge for direct application and experience in the clinical nutrition setting. Prerequisite(s): Acceptance into the Georgia Southern University Dietetic Internship.

#### **NTFS 7335**

##### **Nutrition in the Community: 3-0-3**

This course provides a focused and critical review of concepts applicable to Community Nutrition - nutritional epidemiology; community needs assessment; public policy; federal, state, and local nutrition programs; program planning and management; nutrition requirements and services for infants, children, adolescents, adults and elderly; and food security and food supply in the U.S. Further the role of nutrition education in improving public health and its application in developing nutrition intervention programs will be discussed. This course includes a special emphasis on the role of the Registered Dietitian in health promotion and disease prevention in the public arena. In conjunction with the Georgia Southern Dietetic Internship, this course will provide opportunities for direct application and experience in community nutrition settings. Prerequisite(s): Acceptance into the Georgia Southern University Dietetic Internship.

#### **NTFS 7336**

##### **School Nutrition Administration: 3-0-3**

This course provides a focused, critical review and analysis of concepts applicable to school nutrition administration - legislation and regulations; organizational leadership and management; human and financial resource management; menu planning; sustainability; facility design; procurement; food production; program planning, implementation, and evaluation;

marketing; and nutrition education. This course includes a special emphasis on the role of the Registered Dietitian in school nutrition administration. In conjunction with the Georgia Southern Dietetic Internship, this course provides the knowledges and skills for the direct application and experience in the school nutrition setting. Prerequisite(s): Acceptance into the Georgia Southern University Dietetic Internship. Prerequisite(s): Acceptance into the Georgia Southern University Dietetic Internship.

#### **NTFS/KINS 7338**

##### **Micronutrient Metabolism: 3-0-3**

This course considers micronutrient metabolism in sports nutrition at an advanced level with respect to the metabolism, function, and requirements of micronutrients for physical activity. Prerequisite(s): A minimum grade of "C" in KINS 7337 and acceptance into the Georgia Southern University Dietetic Internship.

#### **NTFS/KINS 7339**

##### **Energy Balance for Weight Management: 3-0-3**

This course analyzes the importance of energy balance in weight management as well as investigates genetic, metabolic, environmental factors that contribute to overweight and obesity. Physiological and psychological consequences of overweight and obesity as well as the roles of diet, behavior, and exercise in its prevention and treatment will be discussed. Special emphasis will be placed on the application of weight management theory to the development, presentation, and analysis of weight loss and weight maintenance protocols. Prerequisite(s): A minimum grade of "C" in KINS 7238 and acceptance into the Georgia Southern University Dietetic Internship.

### **Nursing (CHHS)**

#### **NURS 5210G**

##### **Advanced Health Assessment Across the Lifespan Clinical: 0-1-1**

Group discussions provide the opportunity for learning synthesis. 90 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 or NURS 5230G.

#### **NURS 5230G**

##### **Advanced Health Assessment Across the Lifespan: 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 or NURS 5210G.

#### **NURS 6134**

##### **Differential Diagnosis and Pathophysiology: 3-0-3**

Explores advanced concepts of pathophysiology that alter and/or disrupt body system functioning in adults and children. Knowledge of pathophysiology concepts provide the foundation for determining differential diagnosis(es) related to presenting patient problems.

#### **NURS 6135**

##### **Pharmacotherapeutics for Advanced Practice Nursing: 3-0-3**

Builds upon the pharmacological knowledge base of the student in an advanced practice nursing major. Pharmacology and pharmacotherapeutics for selected drug classifications and prototype drugs used in primary care settings are explored. Selected primary care disorders are discussed related to appropriate pharmacological management.

#### **NURS 6230**

##### **Epidemiology and Transcultural Issues for APN: 3-0-3**

Course provides introduction to the principles of epidemiology and transcultural healthcare competence as applied to patient populations served by advanced practice nurses (APN). Emphasis is placed on preparing APNs to utilize the principles of epidemiology to assist vulnerable populations in achieving a higher level of wellness within their cultural and environmental contexts.

#### **NURS 7090/7090S**

##### **Selected Topics Nursing: (1-3)-0-(1-3)**

Provides a mechanism for offering courses on selected topics in nursing.

#### **NURS 7224**

##### **Primary Care Clinical I: Women's Health: 0-2-2**

This course requires the application of theoretical concepts relative to the provision of health care to the female client within the scope of practice of the family nurse practitioner. Group discussions will provide the opportunity for student learning synthesis while incorporating transcultural strategies for the client, family, and community. A total of 180 hours of clinical experience in a primary care obstetrical/gynecological setting providing care to women experiencing reproductive or lifestyle concerns and pregnancy or gynecological conditions is required. Prerequisite(s): NURS 5230G, NURS 5210G, and NURS 6134. Corequisite(s): NURS 7231.

#### **NURS 7225**

##### **Primary Care Clinical II: Pediatric Health: 0-2-2**

This course requires the application of theoretical concepts relative to the provision of health care to the pediatric client within the scope of practice of the nurse practitioner. Group discussions will provide the opportunity for student learning synthesis while incorporating transcultural strategies for the client, family, and community. A total of 180 hours of clinical experience in pediatric ambulatory primary care setting providing care to the pediatric population is required. Prerequisite(s): A minimum grade of "B" in NURS 5230G, NURS 5210G, NURS 6134, and NURS 6135. Corequisite(s): NURS 7233.

#### **NURS 7226**

##### **Primary Care Clinical III: Adult/Gero: 0-2-2**

This course requires the application of theoretical concepts relative to the provision of health care to the adult and gerontological client within the scope of practice of the family nurse practitioner. Group discussion will provide the opportunity for students learning synthesis while incorporating trans-cultural strategies for the client, family, and community. A total of 180 hours of clinical experience in a rural or urban ambulatory primary care setting providing care to the adult and gerontological population is required. Prerequisite(s): A minimum grade of "B" in NURS 5230G, NURS 5210G, NURS 6134, NURS 6135, NURS 6230, NURS 7224, NURS 7225, NURS 7231, NURS 7233, NURS 8136, NURS 9131, NURS 9132, NURS 9135, NURS 9137, NURS 9138, and NURS 9231. Corequisite(s): NURS 7235.

#### **NURS 7231**

##### **Primary Care I: Women: 3-0-3**

This course explores the role of the nurse practitioner in the provision of primary health care to women in rural/urban ambulatory care settings presenting for gynecological care. Emphasis is placed on health maintenance/promotion and the management of women's health concerns within the transcultural context of family/community. Prerequisite(s): A minimum grade of "C" in NURS 5230G, NURS 5210G, and NURS 6134. Corequisite(s): NURS 7224.

#### **NURS 7233**

##### **Primary Care II: Pediatrics: 3-0-3**

This course explores the role of the family nurse practitioner in the provision of primary health care to the pediatric client in rural/urban ambulatory care

settings. Emphasis is placed on health maintenance/promotion and the management of pediatric health within a transcultural context of the family/community. Prerequisite(s): NURS 5230G, NURS 5210G, NURS 6134, and NURS 6135. Corequisite(s): NURS 7225.

### **NURS 7235**

#### **Primary Care III: Adult/Gero: 3-0-3**

This course requires the application of theoretical concepts relative to the provision of health care to the adult and gerontological client within the scope of practice of the family nurse practitioner. Group discussion will provide the opportunity for students learning synthesis while incorporating trans-cultural strategies for the client, family, and community. A total of 180 hours of clinical experience in a rural or urban ambulatory primary care setting providing care to the adult and gerontological population is required. Prerequisite(s): A minimum grade of "B" in NURS 5230G, NURS 5210G, NURS 6134, NURS 6230, NURS 6135, NURS 7224, NURS 7225, NURS 7231, NURS 7233, NURS 8136, NURS 9131, NURS 9132, NURS 9135, NURS 9137, NURS 9138, and NURS 9231. Corequisite(s): NURS 7226.

### **NURS 7511**

#### **Community Health Clinical I: 0-1-1**

Course requires 90 hours of experience with a preceptor to apply theory, evidence-based practice and clinical knowledge in the development of culturally competent, effective care to improve the health of a selected population within a community. Population assessment; health care issues identification; and the development, implementation and evaluation of intervention strategies will be addressed. Prerequisite(s): NURS 5230G, NURS 5210G, NURS 6134, and NURS 6135. Corequisite(s): NURS 7520.

### **NURS 7520**

#### **Community Health I: 2-0-2**

Course emphasizes application of theory, evidenced-based practice and clinical knowledge in the assessment, design, and evaluation of culturally competent, effective health care provided within systems to meet the needs of individuals, families, groups, and communities within a health promotion framework. Prerequisite(s): NURS 5230G, NURS 5210G, NURS 6134, and NURS 6135. Corequisite(s): NURS 7511.

### **NURS 7521**

#### **Community Health Clinical II: 0-2-2**

Course requires 180 hours of experience with preceptor to develop leadership skills within the context of community. Experiences will include program planning and evaluation; resource management to include budgeting, funding, and grant writing; strategic planning and decision making; and the CNS role as advocate and change agent. Prerequisite(s): NURS 5230G, NURS 5210G, NURS 6134, and NURS 6135. Corequisite(s): NURS 7530.

### **NURS 7530**

#### **Community Health II: 3-0-3**

Course emphasizes application of theory and research applicable to the development of leadership skills within the context of community. Course includes program planning and evaluation; resource management to include budgeting, funding, and grant writing; strategic planning and decision making; and the CNS role as advocate, change agent and consultant. Prerequisite(s): NURS 5230G, NURS 5210G, NURS 6134, and NURS 6135. Corequisite(s): NURS 7521.

### **NURS 7731**

#### **CNS Capstone: Community Health: 1-2-3**

CHCNS capstone course provides 180 hours of experience in a setting that supports synthesis and applications of theory and evidenced-based practice knowledge gained in required courses. Emphasis is placed on the development and evaluation of systems which provide care to a community within a transcultural and health promotion framework. Group discussions will provide an opportunity for capstone learning synthesis of the community health CNS role. All courses must be completed with the exception of an elected thesis. Prerequisite(s): All course work for major except Thesis.

### **NURS 7890**

#### **Independent Study Nursing: (1-3)-0-(1-3)**

Allows the graduate student the opportunity to investigate an area of interest under the direction of a faculty member. Prerequisite(s): Permission of instructor.

### **NURS 7999**

#### **Thesis Nursing: (0-3)-(0-3)-(1-3)**

Thesis hours are elective to the graduate nursing program of study. A thesis provides the opportunity to pursue research in an area of interest within the major under faculty direction. The student is required to demonstrate evidence of critical thinking in the development of the research design and analysis of the findings. The thesis requires a defense of design, conduct, analysis and interpretation of the findings. The thesis is completed utilizing a standard format prescribed by the College of Graduate Studies. Prerequisite(s): A minimum grade of "B" in NURS 9137 and NURS 9138.

### **NURS 8136**

#### **Family Theory and Issues Management: 3-0-3**

Family theoretical frameworks are used to explore the influence of psychological, cultural, and social aspects of rural/urban life on health. Health care problems and issues of concern to advanced practice nursing providing care to rural and urban families will be compared and contrasted. Techniques for screening at-risk families to facilitate early case finding and strategies for health maintenance and health promotion are included.

### **NURS 8231**

#### **Theoretical Perspectives of Teaching and Learning in Nursing Education: 3-0-3**

This course explores the theoretical underpinnings that provide the foundation for teaching and learning in nursing education. A broad base of theoretical perspectives in developmental psychology and education as applied to the needs of learners are covered. A variety of strategies to meet the teaching needs of diverse learners in diverse learning environments are explored and evaluated. Professional standards to inform the practice of instructional designers and strategies to assess learning experiences from the standpoint of learner and instructor are investigated.

### **NURS 8232**

#### **Instructional Design and Assessment in Nursing Education: 3-0-3**

This course explores the processes of instructional design, curriculum development and assessment of learner outcomes in nursing education. The elements of the philosophical and contextual foundation of a curriculum, the application of professional standards and implementation and evaluation of both a curriculum and an educational program are explored. Course content focuses on the examination of a range of assessment methods, techniques, devices, and strategies and ways to determine appropriate assessments for measuring student learning and curricular goals.

### **NURS 8233**

#### **Learner-Centered Teaching: Creative Classroom and Clinical Education in Nursing: 3-0-3**

This course explores a broad array of creative classroom and clinical learner-centered teaching strategies, particularly those that promote critical thinking and facilitate active student learning. Frameworks, tools, and experiences to select, evaluate, and use teaching strategies appropriate to a variety of learning environments in nursing education are explored. An assessment of learning experiences from the standpoints of self, learner and instructor as well as appropriate assessment strategies to address teaching and learning issues and situations are addressed. Course content will include a focus on the use of technology in classroom and clinical nursing education.

### **NURS 8234**

#### **Nursing Education Cognate Capstone: 1-12-3**

This capstone educational experience course provides an opportunity to integrate the role of the nursing educator in a real-world context. Student learner-centered educational activities will be developed that incorporate pedagogy, instructional design, curriculum development, and assessment of



learner outcomes within a nursing course under the guidance of an experienced nurse educator. 180 contact hours. Prerequisite(s): A minimum grade of "C" in NURS 8231, NURS 8232, and NURS 8233.

#### **NURS 9126**

##### **Biomedical Ethics in Practice and Leadership: 2-0-2**

Course prepares the Advanced Practice Nurse (APN) to guide patients, families, communities, and organizations through the complex maze of legal and ethical dilemmas. Through the philosophical study of morality as applied to biomedical ethics in current health care dilemmas, culturally sensitive and appropriate solutions will be derived.

#### **NURS 9131**

##### **Biometrics for Advanced Practice Nursing: 3-0-3**

Course provides foundation for the application of statistical analysis to investigate underlying relationships in health care data relevant to advanced practice nursing. Students will gain an understanding of when and why to use biostatistical techniques as well as how to apply them with confidence and interpret their output, using statistical computer software.

#### **NURS 9132**

##### **Leadership and Management in Practice Transition: 3-0-3**

This course provides an opportunity for the student to develop leadership skills important to the practice environment of the advanced practice nurse and to affect health care outcomes. Content includes leadership theory, power as a leadership asset, personnel management, change theory, conflict management, marketing, communication, group dynamics, and strategic planning. The dynamic interactions of health care organizations and regulatory/funding organizations will be analyzed. Attention will be given to the legal, ethical, and cultural aspects of leadership.

#### **NURS 9134**

##### **Health Care Organization, Financing and Policy Development: 3-0-3**

The relationship of economics to policy development and to health outcomes are examined from regional, state, national and global perspectives. Students will explore the American governmental superstructure of the health care system, relevant laws and regulations, and its influence on practice. Fundamental principles of micro and macro economics are related to health care delivery systems. Quantitative decision making models are examined, compared and contrasted with intangible aspects of decision making and policy development. Emphasis is given to financial management skills including project analysis, budgeting, variance reporting, revenue estimation, and financial risk management. Ethical inquiry addresses access to health care and utilization and dispersion of scarce resources.

#### **NURS 9135**

##### **Outcomes Management Strategies for Improved Health Care: 3-0-3**

Course provides the foundation to conduct comprehensive outcomes management initiatives to improve health care. Theoretical models, analytic methods, and evaluation strategies will be explored and critiqued as they relate to outcomes management. Connections between nursing-sensitive outcomes, outcomes management strategies, and patient population characteristics in health care systems will be emphasized.

#### **NURS 9136**

##### **Population Focused Collaborative Initiative: 2-6-3**

Course prepares the APN to investigate a vulnerable population in collaboration with health care partner in a clinical context. The student will develop the ability to assume a consultant role in procuring fiscal resources to improve health care outcomes for diverse populations.

#### **NURS 9137**

##### **Clinical Scholarship I: Theory, Scientific Underpinnings, and Evidence-Based Practice: 3-0-3**

This course explores scientific underpinnings and theories for knowledge development for the discipline of nursing. It provides the

foundation to prepare students for the highest level of evidence-based practice.

#### **NURS 9138**

##### **Clinical Scholarship II: Theory, Scientific Underpinnings, and Evidence-Based Practice: 3-0-3**

This course synthesizes concepts from nursing and other sciences to prepare students to analyze, appraise, synthesize, disseminate, and apply evidence to practice to improve health outcomes for individuals, families, and populations.

#### **NURS 9231**

##### **Advanced Nursing Practice and DNP Role Transition: 3-0-3**

The course explores the theoretical and scientific underpinnings that provide the foundation for the advanced practice nurse (APN) in the Doctor of Nursing Practice role. A variety of advanced practice role-related topics will be covered that highlight leadership, scholarship, advocacy, evidence based practice, and professional development. Practice issues, settings, and models of care will be examined along with influencing factors.

#### **NURS 9720**

##### **DNP Capstone Immersion: 0-2-2**

This capstone clinical experience course provides an opportunity to integrate the role of the DNP in a comprehensive real-world context that includes utilization of leadership, consultation, advocacy, and collaboration. Individual experiences will be developed under the guidance of a faculty advisor.

#### **NURS 9921**

##### **DNP Clinical Immersion Project 1 : Development: 1-6-2**

In this course DNP students will design, a clinical scholarship project within their interest and expertise aimed at improving health care outcomes. The clinical project will actualize the DNP competencies inherent to the advanced practice nursing role. Oversight of this clinical project will be provided by a faculty committee.

#### **NURS 9922**

##### **DNP Clinical Immersion Project 2 : Implementation: 1-6-2**

In this course students will complete the implementation and data collection for the clinical scholarship project begun in DNP Clinical Immersion Project 1: Development. Prerequisite(s): A minimum grade of "B" in NURS 9921.

#### **NURS 9923**

##### **DNP Clinical Immersion Project 3 : Outcomes Analysis and Dissemination: 1-6-2**

In this course students will evaluate the outcomes of a clinical scholarship project implemented in DNP Clinical Immersion Project 2: Implementation. Findings will be disseminated in a professional format. Prerequisite(s): A minimum grade of "B" in NURS 9922.

### **Public Administration (CLASS)**

#### **PBAD 7030**

##### **Selected Topics in Public and Nonprofit Management: 3-0-3**

This course examines specific topics in public and nonprofit management not addressed by other courses. May be repeated once as topics change.

#### **PBAD 7130**

##### **Ethics for Public Serving Organizations: 3-0-3**

This course examines the experiences, approaches, and strategies for confronting and solving problems. An emphasis is placed on accountability and responsibility of public service, the methods of moral reasoning and the connection to behavior, decision-making and ethical situations.

#### **PBAD 7133**

##### **Administrative Law: 3-0-3**

This course examines the intersection of public administration and the law, giving particular attention to U.S. Supreme Court decisions pertaining to the

constitutional and statutory authority of agencies, rulemaking, policy enforcement, administrative transparency, judicial deference, judicial review, and the law of public employment. Extensive attention will be given to both the relationship between courts and modern administrators and the ways in which elements of administrative law and the practice of public administration can be integrated.

#### **PBAD 7134**

##### **Public and Nonprofit Sector Management: 3-0-3**

This course provides insights and skills necessary to manage and lead agency operations. It focuses on management processes such as setting strategic direction, communications, conflict resolutions, performance management, and the management of partnerships with the private and nonprofit sectors.

#### **PBAD 7230**

##### **Budgeting in Public Service Organizations: 3-0-3**

This course examines both politics and techniques used in formulating and implementing budgets by federal, state, and local governments in the United States. It provides a bridge between budgeting theory and practice and its relationship to the administrative processes of control, management, and planning.

#### **PBAD 7232**

##### **Public and Nonprofit Financial Management: 3-0-3**

This course provides a theoretical and practical introduction to financial analysis and management in the public sector, particularly at the state and local level. Topics include processes, tools and methods used in financial planning and control of public and nonprofit entities, including cost estimation, strategies for long-term and short-term investing, and financial statement analysis utilizing critical performance indicators.

#### **PBAD 7233**

##### **Information Technology for Public Serving Organizations: 3-0-3**

This course provides a guide to the electronic delivery of government information and services and the management of information technology in the public sector. Topics include the digital divide, information security, privacy, transparency and accountability issues, and evaluation of government's use of social media in the provision of service to citizens.

#### **PBAD 7235**

##### **Leadership of Public Organizations: 3-0-3**

This course examines the extensive literature on successful leadership in public agencies. Particular attention is given to identifying strong leadership practices and distilling principles of exemplary leadership.

#### **PBAD 7330**

##### **Intergovernmental Relations: 3-0-3**

Examines the interaction between the federal, state, and local levels of government in the United States. Special attention is given to the constitutional and fiscal relationships between these levels of government and the historical evolution of the nature of the relationships.

#### **PBAD 7331**

##### **Local Government Management: 3-0-3**

This course examines the political and administrative processes of cities, counties, and other units of local government in the United States. Special focus will be placed on the city manager's relationship with elected officials and the execution of policy.

#### **PBAD 7333**

##### **Diversity Issues in Public Serving Organizations: 3-0-3**

This course examines the ways in which human differences affect the work of public managers within organizations and with the public. Special attention is given to representative bureaucracy and the challenges of serving an increasingly diverse public.

#### **PBAD 7335**

##### **Urban Management: 3-0-3**

This course examines the problems confronting public managers in large municipalities and the unique responsibilities of urban governments. Special attention will be paid to policy areas such as transportation, housing, social welfare, public safety, and infrastructure management.

#### **PBAD 7336**

##### **Comparative Public Management: 3-0-3**

This course examines public administration through two different viewpoints - domestic and international. Special attention is paid to the unique problems and circumstances surrounding domestic and international governments and how they relate to and differ from each other.

#### **PBAD 7337**

##### **Environmental Management and Policy: 3-0-3**

This course provides an overview of environmental and natural resource management in the United States. Particular attention will be paid to the topics of federalism and cooperation. Issues of regional importance will also be covered, including water quality and availability, regulation and monitoring compliance, sustainable growth, and management within overlapping jurisdictions.

#### **PBAD 7338**

##### **Managing Economic Development: 3-0-3**

This course examines the strategies, tools, and techniques used by local, state, and national governments to generate economic growth in and revitalization of economically-depressed areas as well as maintaining economic growth in stable areas.

#### **PBAD 7339**

##### **Community Organization and Engagement: 3-0-3**

This course examines the history and theory behind the practice of community organizing, civic engagement, and public participation. Provides students with practical and effective community organization skills and civic engagement strategies.

#### **PBAD 7430**

##### **Public Human Resource Management: 3-0-3**

This course examines the functions, policies, and techniques of human resource management in public and nonprofit organizations.

#### **PBAD 7431**

##### **Organizational Behavior: 3-0-3**

This course examines human behavior in organizations, with a focus on practical applications of theories related to the management of individuals and groups within public-serving institutions.

#### **PBAD 7432**

##### **Non-Profit Administration: 3-0-3**

This course examines the management of nonprofit organizations, with a focus on areas of management most different from the public sector, such as legal requirements, ethics, board governance, strategic management, and financial management.

#### **PBAD 7530**

##### **Research Methods For Public Serving Organizations: 3-0-3**

This course examines quantitative techniques for public administration. Emphasis will be placed on understanding and using techniques appropriate to categorical analysis and the simple linear model. Students will also be exposed to research design, measurement, and the use of computer program packages appropriate to the public and nonprofit sectors. Prerequisite(s): A placement examination or completion of a program-approved statistics course with a minimum grade of "C".

#### **PBAD 7531**

##### **Public Program Evaluation: 3-0-3**

This course examines the design and implementation of policy and program evaluation in public and nonprofit agencies. Special attention is given to developing logic models, selecting appropriate research designs, and monitoring agency operations through performance measurement. The mechanics of cost benefit and cost effectiveness analysis are examined.

**PBAD 7532****Public Policy: 3-0-3**

This course examines how public policy is developed, implemented, and evaluated with special attention being given to policy formulation, analysis, and interpretation.

**PBAD 7533****Geographic Information Systems and Public Planning: 3-0-3**

This course examines the practice of urban, regional, and state planning with focus on the use of geographic information system (GIS) applications for state and local decision-making. Includes an introduction to the scope, theories, and politics of planning.

**PBAD 7631****Foundations of Public Administration: 3-0-3**

This course is an introductory graduate seminar that surveys the field of public administration. This course explores the historical foundations and theories of public administration as well as the diverse political, social, and economic contexts within which they exist. Attention will be given to key themes in mainstream public administration.

**PBAD 7632****Public Safety Management: 3-0-3**

Provides the basic principles for important systems in the field of public safety management: law enforcement, jail administration, fire safety, emergency services, and hazard and disaster response.

**PBAD 7633****Correctional Management: 3-0-3**

Examines the correctional system, the correctional process, and the management of penal institutions. Provides an in-depth examination of prison management and the interface of the institutions with the court and the community. Studies management of community programs and special challenges.

**PBAD 7634****Juvenile Justice Management: 3-0-3**

Examines the context of the administration of a Juvenile Justice system through history, philosophy, and law. Encompasses the systematic process from diversion programs to incarceration.

**PBAD 7635****Police Organization and Management: 3-0-3**

Examines the managerial and leadership tasks of the police agency's chief executive officers. Particular emphasis will be on assessment and creation of policies, procedures, and budgets. Other topics will include organizational structure and design, planning, decision making, communication, and change.

**PBAD 7636****Administration of Justice: 3-0-3**

Examines the legal structure which supports the criminal system. Current and future problems of law enforcement will be discussed including judicial process, community relations, and civil liberties.

**PBAD 7638****Capstone Seminar: 3-0-3**

In this course, students will prepare to sit for the comprehensive examination by undergoing a review of the major theories underlying the field of Public Administration. This course also addresses issues related to a student's professional development.

**PBAD 7651****Organization Development: 3-0-3**

This course examines the theoretical basis of organization development (OD) and demonstrates how OD technologies can be applied to public and nonprofit sector organizations for improving organizational quality and performance.

**PBAD 7652****Board Governance and Executive Leadership: 3-0-3**

This course provides an introduction to the fundamentals of governance, trusteeship, and executive leadership in nonprofit sector organizations. The course will examine critically the principal models, processes, and practices used in governing nonprofit organizations and the relationships between the governing boards and executive leaders of such organizations.

**PBAD 7653****Foundations of the Nonprofit Sector: 3-0-3**

This is a seminar course that surveys the history, scope and role of the nonprofit sector. Special attention is given to the economic, political and philanthropic theories of the nonprofit sector.

**PBAD 7654****Strategic Planning: 3-0-3**

This course examines the principal models, processes, and practices used in strategic management, familiarizing students with an essential management skill. The course focuses on the key internal and external factors that drive strategic management decisions within nonprofit and governmental organizations, including leadership, external resources, and stakeholders.

**PBAD 7655****Grant Writing: 3-0-3**

This course provides the basics of grant writing including identifying potential funding sources, creating goals and evaluation plans, and grant contract management.

**PBAD 7730****Internship in Public Administration: 3-0-3**

This course requires students to intern in a professional capacity with either a governmental or nonprofit organization based on his or her area of concentration in the M.P.A. program. The internship requires a minimum of 300 hours working in the organization.

**PBAD 7890****Directed Reading: (1-3)-0-(1-3)**

A structured set of readings and assignments mutually designed by the student and the instructor on a specific area of public management.

**PBAD 8131****Survey of Public Administration for the In-Career Professional: 3-0-3**

This course is a required component of the Certificate in Public and Nonprofit Management. This course serves to provide in-career professionals with an introduction to the literature in the field of Public Administration, supplementing existing practical experience with a theoretical foundation. Practitioners' experiences will be utilized to underscore political and legal constraints faced in public management and the important distinction between the public, nonprofit, and private sectors.

**PBAD 8132****Theory and Practice of Public and Nonprofit Management: 3-0-3**

This course is a required component of the Certificate in Public and Nonprofit Management. The purpose of this course is to provide in-career professionals with the insights and skills necessary to manage and lead agency operations. It focuses on management processes such as setting strategic direction, communications, crisis management, the management of partnerships with the private and nonprofit sectors, and the management of information technology. Prerequisite(s): A minimum grade of "B" in PBAD 8131.

**PBAD 8133****Human Resource Management for the In-Career Professional: 3-0-3**

This course is a required component of the Certificate in Public and Nonprofit Management. The course provides in-career professionals with an examination of the functions of human resource management and the challenges it faces in American government and society. Prerequisite(s): A minimum grade of "B" in PBAD 8131.

**PBAD 8134****Ethics of Administration for the In-Career Professional: 3-0-3**

This course is a required component of the Certificate in Public and Nonprofit Management. The course focuses on the experiences, approaches, and strategies employed by in-career professionals when confronting and solving problems. An emphasis is placed on accountability and responsibility of public and nonprofit managers for maintaining appropriate behavior and ethical decision making. Prerequisite(s): A minimum grade of "B" in PBAD 8131.

**PBAD 8135****Theory and Practice of Public and Nonprofit Budgeting: 3-0-3**

This course is a required component of the Certificate in Public and Nonprofit Management. This course provides in-career professionals with exposure to the techniques used in formulating and implementing budgets in the public and nonprofit sectors. Attention is also given to the principles of financial management. Prerequisite(s): A minimum grade of "B" in PBAD 8131.

**Philosophy (CLASS)****PHIL 5030G****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.

**Public Health Leadership (COPH)****PHLD 9130****Public Health Research Methods: 3-0-3**

This course provides theoretical and applied concepts, techniques, procedures, and technologies used in scientific inquiry and reporting for applied health services delivery, systems, health administrative and managerial research.

**PHLD 9131****Leadership Foundations and Strategies for Health Organizations: 3-0-3**

This course will examine the role of leaders in improving health organizations and the relationship between situational leadership strategy, organizational culture, communication, and performance. Theoretical foundations, strategies and processes of leadership are explored and synthesized through critical thinking, self and group assessment.

**PHLD 9133****Health Organization Communication: 3-0-3**

This course examines the delivery and exchange of messages within health organizations. Contexts will include conflict, negotiating, networks, channel selection, knowledge management, risk communication and public relations.

**PHLD 9231****Health Informatics and Decision Making: 3-0-3**

This course focuses on the fundamental concepts of managing information as an asset in public health and healthcare delivery contexts. Emphasis will be placed on converting data into information and converting information into decision support models.

**PHLD 9233****Enterprise Human and Supply Chain Resource Planning and Management in the Health Enterprise: 3-0-3**

This course provides understanding, knowledge and evaluation models to manage an organization's enterprise resource planning and management system. Healthcare human resources and supply chain management are evaluated from a financial and operations management perspective.

**PHLD 9331****Health Policy, Regulation and Ethics: 3-0-3**

This course explores the policy, legal and ethical issues found in the healthcare system, and investigates the healthcare professional as decision-maker, leader and moral agent. Prerequisite(s): A minimum grade of "B" in PUBH 8134.

**PHLD 9333****Health Organization Strategic and Contingency Planning: 3-0-3**

This course will examine the concepts, processes, and integration of management information systems, financial, human resource, and marketing plans into an organizational strategic planning system with emphasis on contingency planning as a major context and application.

**PHLD 9334****Financial Management of Public Health Organizations and Programs: 3-0-3**

This course examines the structure and functioning of the finance components of the Public Health System using Federal Basis Generally Accepted Accounting Principles (FGAAP). It will provide Dr.P.H. students with the theory, concepts, and tools necessary to make better decisions regarding the acquisition and deployment of resources, and promoting the financial well being of public health organizations. The course will discuss the following topics: financial goals; time value analysis; financial risk and return, debt and equity financing; capital decisions; cost of capital; capital investment decisions; business valuation; and leasing decisions. Students will apply the material learned in real world (case) settings and, in the process, gain an appreciation of the value of spreadsheets in financial decisions.

**Physics (COSM)****PHYS 5090G****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 5151G****Classical Mechanics: 5-0-5**

Provides physics majors and students 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 or PHYS 2212 or permission of instructor.

**PHYS 5152G****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 5530G****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 or PHYS 2212.

### PHYS 5536G

#### 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 5557G

#### 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 5890G

#### 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.

### PHYS 6131

#### Physics of Solid State Materials: 3-0-3

Introduction to the physical and chemical properties of solids. Topics may include: periodic structure, symmetry of crystals, diffraction, reciprocal lattice, chemical bonding, lattice dynamics, phonons, thermal properties, and free electron gas. Bloch theorem, band structure, nearly free electron approximation, tight binding method, Fermi surface, semiconductors, electrons, holes, impurities, optical properties, excitons, and magnetism will be introduced. Prerequisite(s): A minimum grade of "C" in MATH 2242.

### PHYS 6132

#### Applied Optics: 3-0-3

This course offers an introduction to laboratory optics, optical principles, and optical devices and systems. The course covers a wide range of topics, including: polarization properties of light, reflection and refraction, coherence and interference, Fraunhofer and Fresnel diffraction, holography, imaging and transforming properties of lenses, spatial filtering, and two-lens coherent optical processor. In addition, this course covers: optical properties of materials, lasers, electro-optic, acousto-optic and liquid-crystal light modulators, optical detectors, optical waveguides and fiber-optic communication systems. Students engage in extensive oral and written communication exercises. Prerequisite(s): A minimum grade of "C" in MATH 2242.

### PHYS 6231

#### Thin-Film Coating: 3-0-3

This course will cover the physics and chemistry of thin film coating. Topics covered will include thermal, optical, electric, and mechanical properties of multilayer metallic coatings and coating manufacturing techniques. Special topics will be given by experts from local coating industry. Prerequisite(s): A minimum grade of "C" in PHYS 6237.

### PHYS 6237

#### Applied Quantum Mechanics: 3-0-3

This course is designed to review Schrodinger's theory of quantum mechanics for application in modern devices and systems. Topics covered are quantum statistics, multi-electron atoms, molecules, one and two dimension system, and neon particle system. Calculation techniques introduced are matrix diagonalization, perturbation theory, variational method, time-dependent perturbation theory to apply to optical absorption, and nonlinear optical properties of materials.

### PHYS 6730

#### Master of Science in Physical Science Internship: 3-0-3

This course is the required internship for the Masters of Science in Physics Science degree. Students will apply their skills and knowledge to a current problem in a professional setting, either on campus or at the site of a participating sponsor.

### PHYS 7330

#### Principles and Practice of Pre-clinical Drug Development: 3-0-3

This course introduces key issues and aspects of developing a new small molecule or biological drug, with focus on the guidelines from regulatory agencies on the data required for the Investigational New Drug (IND) application. Major issues in Pharmacology, Toxicology, Safety Pharmacology, Pharmacokinetics and Chemistry, Manufacturing and Control (CMC) sections of the IND submission process are described. Practices of laboratory animal efficacy models, pharmacokinetics models, toxicology study protocols, master batch record generation and the concepts of Good Laboratory Practice (GLP)/Good Manufacturing Practices (GMP) will be covered, with particular emphasis on the Code of Federal Regulations Title 21 part 58, 210 and 211. Prerequisite(s): A minimum grade of "C" in CHEM 5333.

### PHYS 7610

#### Graduate Seminar: 1-0-1

This course will provide an intensive study of an advanced physics topic covered by one or more members of the graduate faculty from the Department of Physics. The selected topic will vary from semester to semester. Required for the thesis track of the Master of Science in Physical Science. Prerequisite(s): Graduate status.

### PHYS 7999

#### Thesis: 0-(1-3)-(1-3)

Results of an individual, independent research project will be presented as a thesis in partial fulfillment of the Master of Science in Physical Science degree. The thesis requires defense of the design, execution, analysis, and interpretation of the research project. Prerequisite(s): Graduate status.

## Political Science (CLASS)

### POLS 5630G

#### 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 5631G

#### 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 5632G

#### 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 5633G

#### 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 5634G**

**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 5635G**

**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 7030**

**Selected Topics in Political Science: 3-0-3**

An opportunity for instructors to teach special topics within the discipline.

**POLS 7130**

**Ethics in Government: 3-0-3**

Focuses on experiences, approaches, and strategies for confronting and solving problems, accountability and responsibility of public officials for appropriate behavior, and ethical decision-making.

**POLS 7231**

**U.S. Foreign Policy: 3-0-3**

Designed to familiarize students with the principles underlying and the process undertaken in the formulation and execution of United States foreign policy. Special attention is given to the role of the United States in the post-World War II period.

**POLS 7232**

**Comparative Foreign Policy: 3-0-3**

An in-depth comparative study of the foreign policy of the United States, the European Union, Russia, the People's Republic of China, Japan, and other significant actors in global politics, emphasizing comparative methodology and theoretical framework.

**POLS 7234**

**International Political Economy: 3-0-3**

Examines the politics of international economic relations. Systemic and domestic explanations of international economic policy will be applied in various issue areas such as international wealth acquisition and transfer, strategies and the politics of development, trade, investment, exchange rates, debt, aid and relief assistance. The dynamics that give rise to asymmetric wealth distributions and hegemonic transmutations will be given emphasis.

**POLS 7330**

**Intergovernmental Relations: 3-0-3**

Examines the interaction between the federal, state, and local levels of government in the United States. Special attention is given to the constitutional and fiscal relationships between these levels of government and the historical evolution of the nature of the relationships.

**POLS 7332**

**State Government: 3-0-3**

A systematic study of the growing role of the states in the development and administration of domestic social policy in the United States. Special attention is given to the capacity building in state government and the devolution of power to the states. Specific policy areas in state government

including education, crime control, and economic development are examined in-depth.

**POLS 7337**

**Environmental Politics and Policy: 3-0-3**

An overview of environmental and natural resource management in the United States. Particular attention will be paid to issues of regional importance, including water quality and availability, regulation and monitoring compliance, sustainable growth, and management within overlapping jurisdictions.

**POLS/ANTH/CRJU/SOCI 7434**

**Quantitative Research Design: 3-0-3**

Study of the role of theory, research design, sampling, measurement and instrumentation, data collection, and ethical issues related to social scientific research.

**POLS/ANTH/CRJU/SOCI 7436**

**Qualitative Research Design: 3-0-3**

Analysis and practice of qualitative methodology in social science. Topics may include participant observation, ethnographic methods, interviews, case studies, content analysis, archival research and other innovative techniques.

**POLS/SOCI/CRJU 7437**

**Statistics for Social Science: 3-0-3**

Study of the techniques and statistics necessary to design and interpret quantitative social scientific research.

**POLS 7532**

**Public Policy: 3-0-3**

A systematic study of how public policy is developed, implemented, and evaluated. Attention is given to the skills of policy analysis, as well as, the social problems and cultural interpretations that lead to public policy. Illustrations from domestic policy in the United States are supplemented with insights from other nations.

**POLS 7533**

**Qualitative Research Methods: 3-3-3**

Explores the techniques useful in political science research involving case studies, ethnographic data, content analysis, elite surveys, and problems encountered when crossing disciplinary boundaries. Issues of research design, execution, the role of theory, sampling, measurement, instrumentation, data collection, and ethical quandaries will be addressed in the course.

**POLS 7630**

**Seminar in American Government: 3-0-3**

A graduate introduction to the basic structures, processes, and patterns of behavior of American national government, emphasizing the interfacing of politics, economics, and public policy.

**POLS 7631**

**Empirical Political Theory: 3-0-3**

A survey of the prominent theoretical approaches used in empirical political inquiry. The philosophies of the social sciences and the construction of political explanation provide the foundation for embarking on original research necessary for the thesis stages of the program.

**POLS 7632**

**Comparative Politics: 3-0-3**

A systematic review of the empirical and theoretical literature concerning the structure, function, and problems of contemporary governments in developed and developing countries. Prerequisite(s): POLS 1101 or lower Comparative Politics course recommended.

**POLS 7633**

**International Politics: 3-0-3**

Provides graduate students with in-depth coverage of particular themes in international relations. Topics may include issues pertaining to international politics and theory, including international political economy, security

studies, foreign policy decision making, international law and organization, international environmental issues, and a wide variety of regional issues.

#### **POLS 7636**

##### **Seminar in 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. The focus of the course will be on the legal, moral, and strategic dimensions of several past, present, and proposed means of conflict resolution.

#### **POLS 7637**

##### **Social Welfare Management: 3-0-3**

Examines the issues involved in administering social welfare programs at the local, state, and federal levels of government. Particular attention is paid to problems faced by social welfare service delivery organizations and the question of welfare reform strategy in the United States.

#### **POLS/ANTH/SOCI 7638**

##### **Social Theory: 3-0-3**

This course examines the role of theory in the scientific endeavor and explores a number of theoretical perspectives, including structural-functionalism, conflict, feminist, exchange, rational choice, symbolic interaction, and the current debates over modernity and postmodernity.

#### **POLS 7860**

##### **Internship in Political Science: 6-0-6**

The internship allows students pursuing their M.A. degree to work in a professional setting relating to their chosen concentration in Political Science. Students will be required to complete a final paper detailing the experiences of their internship and defend their paper and experiences before a faculty committee.

#### **POLS 7890/7890S**

##### **Directed Reading: 3-0-(1-3)**

A structured, individualized research focus to be mutually designed by instructor and student.

#### **POLS 7999**

##### **Thesis: 3-0-(1-6)**

A major research project structured jointly by the student and instructor.

### **Psychology (CLASS)**

#### **PSYC 5030G**

##### **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 5232G**

##### **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 5431G**

##### **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 7030**

##### **Selected Topics: 3-0-3**

Scheduled on an irregular basis to explore several areas in psychology not offered in the regular curriculum and will carry a subtitle.

#### **PSYC 7111**

##### **Supervision: 0-1-1**

Students will receive feedback and consultation designed to encourage maturation of psychotherapy skills and competencies, including therapist-client transactions, self-reflective skills, and report writing. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor. Corequisite(s): Must be enrolled in PSYC 7730, PSYC 7731, PSYC 7732, PSYC 9731, or PSYC 9735.

#### **PSYC 7130**

##### **Statistics for Psychology: 3-0-3**

Covers the logic of statistical inference, fundamental principles of analysis of variance, complex analysis of variance designs, selected non-parametric procedures, and a brief introduction to multivariate procedures with emphasis upon the application of these methods in psychological research. Prerequisite(s): An introductory course in statistics.

#### **PSYC 7131**

##### **Research Design: 3-0-3**

An examination of research techniques for dealing with specific problems in psychology. Prerequisite(s): PSYC 7130.

#### **PSYC 7132**

##### **Advanced Learning: 3-0-3**

An examination of behavior theory and the types of learning that help account for similarity and diversity in the behavior of human and nonhuman animals. Course focuses on the learning processes of habituation, classical conditioning, and operant conditioning.

#### **PSYC 7133**

##### **Advanced Cognitive Psychology: 3-0-3**

Provides an overview of contemporary cognitive psychology research and theory. Classic and recent theoretical approaches will be covered.

#### **PSYC 7134**

##### **Physiological Psychology: 3-0-3**

This course is a graduate level 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. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

#### **PSYC 7135**

##### **Health Psychology: 3-0-3**

This course will serve as an examination of the psychological factors affecting health and wellness, including emotional, cognitive, social, and behavioral aspects. Students will analyze the role of psychology in preventing illness and promoting wellness, learn about the interaction of physical health and mental health, compare various health psychology theories, gain an understanding of the health challenges facing people across the life span, and learn about the integration of psychology in medical settings. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

#### **PSYC 7136**

##### **Geropsychology: 3-0-3**

This course will cover psychological aspects of aging in relation to both theory and practice. Students will become familiar with aging related changes in mental and physical functioning, common disorders, public policy regarding age-related issues, and successful aging. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

#### **PSYC 7230**

##### **Research for Applied Psychology: 3-0-3**

Exposes students to the terminology, methodology, and ethical considerations of quantitative and qualitative research with an emphasis on developing the skills necessary to critically read and evaluate research.

**PSYC 7231****Assessment I: Psychometric Theory: 3-0-3**

This course is the first in a series and provides theoretical grounding for psychological assessment. Topics to be covered include statistical properties of tests; test development, construction, and analysis; types of tests; and legal issues in testing. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

**PSYC 7232****Foundations of Psychotherapy I: 3-0-3**

An advanced examination of several of the major therapy systems, comparing them, contrasting them, and looking for the bases of meaningful integration. Systems examined include: Psychoanalysis, Jungian analysis, and Adlerian individual psychology. Also examined will be research in psychotherapy. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

**PSYC 7233****Ethics and Professional Issues: 3-0-3**

Designed to provide the clinician in training with a clear understanding of the legal and ethical responsibilities incurred when working with clients in a clinical capacity. Lectures and class discussions will cover specific legal and ethical principles and the application of those principles in clinical settings. Topics related to professionalism will also be covered. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

**PSYC 7234****Assessment II: Intellectual Assessment: 3-0-3**

This course is the second of the assessment series and provides an introduction and the beginning of skill development in assessing persons' intellectual abilities, academic achievement, and cognitive strengths and weaknesses. Prerequisite(s): A minimum grade of "B" in PSYC 7231.

**PSYC 7235****Group Psychotherapy: 3-0-3**

Provides the clinician in training with an overview of the concepts and various theories of group psychotherapy. Emphasis is placed on the process model of group psychotherapy, but other models are considered. Prerequisite(s): A minimum grade of "B" in PSYC 7433.

**PSYC 7236****Neuropsychology and Neuropsychological Assessment: 3-0-3**

This course serves as an introduction to the anatomical, empirical, and clinical aspects of neuropsychology, with an emphasis on clinical assessment. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

**PSYC 7237****Psychotherapy Skills I: 3-0-3**

Practice and practical application of the theories covered in PSYC 7232. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

**PSYC 7238****Child Psychotherapy: 3-0-3**

The general goal of this course is to provide graduate students, who are therapists in training, with a comprehensive overview of the theories and concepts of child psychotherapy. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

**PSYC 7239****Psychopathology: 3-0-3**

Focuses on descriptions, hypothesized etiologies, and treatment modalities of major classes of mental disorders as classified by the Diagnostic and Statistical Manual of the American Psychiatric Association. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

**PSYC 7331****Advanced Developmental Psychology: 3-0-3**

An examination of the major themes, theories, and research in developmental psychology.

**PSYC 7332****Advanced Social Psychology: 3-0-3**

Examines theory and research on selected topics in social psychology.

**PSYC 7333****Psychotherapy Skills II: 3-0-3**

Practice and practical application of the theories covered in PSYC 7433. Prerequisite(s): A minimum grade of "B" in PSYC 7232. Corequisite(s): PSYC 7433.

**PSYC 7334****Couples and Family Psychotherapy: 3-0-3**

Students will learn the theory and practice associated with couple and family psychotherapy, including basic principles of systems therapy, common factors and effective practice strategies in couple and family therapy, unique features of interrupting dysfunctional patterns of close relationships, and characteristics of healthy couples and families. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

**PSYC 7335****Assessment III: Personality Assessment: 3-0-3**

This is the third course in the assessment series and focuses on measurement of personality constructs, attributes, and unique characteristics that organize and define an individual. Prerequisite(s): A minimum grade of "B" in PSYC 7234.

**PSYC 7336****Child Psychopathology and Assessment: 3-0-3**

This course is oriented to teaching students the range of children's psychological problems, which are understood in the context of human development. A primary goal of the course will be to bridge the gap between research and practice. The course will teach application of a wide range of assessment procedures available to the generalist psychologist. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

**PSYC 7337****Clinical Health Psychology: 3-0-3**

Students will learn practical information and guidance on how to apply clinical health psychology research and techniques to make decisions and modify patients' behavior. Students will learn about the interaction of physical health with the individual's cognitive, emotional, behavioral, and social functions. Students will learn specific skills related to clinical health psychology. Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

**PSYC 7390****Development of Original Research: 0-0-(1-6)**

Provides students with the opportunity to develop an original research idea and implement it.

**PSYC 7433****Foundations of Psychotherapy II: 3-0-3**

The focus of this course is to continue to study the major therapy systems, comparing them, contrasting them and looking for the bases of meaningful integration. Prerequisite(s): A minimum grade of "B" in PSYC 7232.

**PSYC 7490****Advanced Directed Study: 3-0-3**

A directed study at the graduate level providing an examination and analysis of current literature pertaining to selected content areas in psychology. Prerequisite(s): Permission of instructor.

**PSYC 7531****Advanced Personality Psychology: 3-0-3**

This course provides an overview of classic personality perspectives, with in-depth investigation of current personality theories and research.



Prerequisite(s): Admission to the Psy.D. program or permission of the instructor.

### PSYC 7610

#### Research Seminar: 1-0-1

An overview of ongoing research in the Department of Psychology designed to prepare students for the research requirements of the M.S. degree program.

### PSYC 7631

#### Seminar in Teaching Psychology: 3-0-3

Seminar in Teaching Psychology involves lecture, discussion, activities and homework designed to explore how to effectively teach psychology classes at the university level. Using readings from books and journals, along with personal experience, the class will discuss and apply issues such as how to plan effective lectures, test writing and grading, demonstrations, leading discussions, handling controversial issues, dealing with disruptive students, seeking out opportunities for experiential learning, and so on.

### PSYC 7630

#### Clinical Seminar: 3-0-3

Seminar provides the opportunity to research a clinical topic of current interest to the class and to present scholarly work before peers. Emphasis is on the development of skills in researching the literature, development of ideas through critical thinking, and oral and written presentation. May be repeated with different topics. Prerequisite(s): Permission of instructor.

### PSYC 7633

#### Psychotherapy Skills III: Child and Family Interventions: 3-0-3

This course focuses on the development of therapy skills and practices associated exclusively with children and families. Prerequisite(s): A minimum grade of "B" in PSYC 7238.

### PSYC 7730

#### Practicum I: 3-0-3

The general goal of Practicum I, II, and III is to provide graduate students, who are therapist in training, with additional support and "practice wisdom" while they are engaged in field work at various mental health settings. (These settings may include both on-campus and off-campus programs such as the GSU Psychology Clinic, GSU Counseling Center, Regents Center for Learning Disorders, outpatient community mental health centers, inpatient psychiatric/correctional/or residential treatment facilities). Prerequisite(s): Admission to the Psy.D. program or permissions of the instructor.

### PSYC 7731

#### Practicum II: 3-0-3

Continuation of Practicum I. Prerequisite(s): A minimum grade of "B" in PSYC 7730.

### PSYC 7732

#### Practicum III: 0-0-3

This course is a continuation of PSYC 7731. Prerequisite(s): A minimum grade of "B" in PSYC 7731.

### PSYC 7733

#### Combined Group Practicum: 3-0-3

This course will bring students in their first and second year of practicum into a peer supervision group focused on clinical practice, case management, and deepening of psychotherapeutic skills and techniques. Students will be engaged in field work at community mental health agencies during this course. Prerequisite(s): A minimum grade of "B" in PSYC 7731 or PSYC 9731 or permission of the instructor.

### PSYC 7810

#### Research Experience: 0-0-(1-6)

Student works with a faculty member on a research project in progress, obtaining experience and skills to enhance the student's understanding of the research process.

### PSYC 7999

#### Thesis: 0-0-(1-6)

Thesis.

### PSYC 9130

#### Professional Development: 3-0-3

This course examines current issues in professional psychology. It also prepares students for pre-doctoral internship, post-doctoral work, licensure, and independent practice. Prerequisite(s): Admission to the Psy.D. program.

### PSYC 9131

#### Supervision and Consultation: 3-0-3

This course will explore professional consultation and clinical supervision, focusing on developing knowledge and skills related to the construction, dissemination and implementation of specialized programming for small and large systems; students also will learn theories, techniques and processes that will help them become more effective clinical supervisors. Prerequisite(s): Admission to the Psy.D. program.

### PSYC 9230

#### Diversity Issues in Psychology: 3-0-3

Students will learn about the social-psychological diversity in rural areas; the scientific literature on the impact of diversity on mental health; and the role of cultural identity development and social justice on psychotherapy assessment, consultation, and service delivery in rural areas. Prerequisite(s): Admission to the Psy.D. program or permission of instructor.

### PSYC 9235

#### History and Systems of Psychology: 3-0-3

This course examines the development of experimental and clinical psychology with an emphasis on relating the development of current issues in psychology. Prerequisite(s): Admission to the Psy.D. Program or permission of the instructor.

### PSYC 9330

#### Rural Mental Health: 3-0-3

Students will learn about the current state of rural mental health, unique challenges in working in rural areas, ethical and professional considerations, and research-driven recommendations for working with specific populations in rural communities. Prerequisite(s): Admission to the Psy.D. program or permission of instructor.

### PSYC 9331

#### Psychopharmacology: 3-0-3

Designed to give the clinician in training a foundation in the use of drugs to treat mental disorders. Prerequisite(s): A minimum grade of "B" in PSYC 7236 and PSYC 7239.

### PSYC 9711

#### Pre-Doctoral Internship I: 0-1-1

The pre-doctoral internship is a sequence of three courses designed to ensure on-going contact with the university during the required year of practice prior to graduation. The internship agency is responsible, and holds full authority, for course content, assessment, and grade.

### PSYC 9712

#### Pre-Doctoral Internship II: 0-1-1

The pre-doctoral internship is a sequence of three courses designed to ensure on-going contact with the university during the required year of practice prior to graduation. The internship agency is responsible, and holds full authority, for course content, assessment, and grade. Prerequisite(s): A minimum grade of "S" in PSYC 9711.

### PSYC 9713

#### Pre-Doctoral Internship III: 0-1-1

The pre-doctoral internship is a sequence of three courses designed to ensure on-going contact with the university during the required year of practice prior to graduation. The internship agency is responsible, and holds full authority, for course content, assessment, and grade. Prerequisite(s): A minimum grade of "S" in PSYC 9711 and PSYC 9712.

**PSYC 9731****Rural Practicum: 0-0-3**

This course provides supervised experience in psychological assessment and psychotherapy in rural settings. Students will be placed in rural clinical sites. May be repeated for a maximum of 12 hours. Prerequisite(s): Completion of at least 9 hours of practicum with grades of "B" or above.

**PSYC 9735****Practicum in Supervision: 0-0-3**

Provides supervised experience in the supervision of pre-master's degree graduate students in their psychological assessment and psychotherapy work. May be repeated for a maximum of 9 hours. Prerequisite(s): Completion of at least 18 hours of practicum with grades of "B" or above.

**PSYC 9999****Dissertation: 0-0-(1-6)**

Students are provided support and direction in completing the doctoral dissertation. The course provides guidance from both the dissertation supervising chair and the dissertation committee. The dissertation may consist of an empirical investigation, an in-depth clinical case study, or a theoretical work suitable for publication. Prerequisite(s): Admission to doctoral candidacy.

**Public Health (COPH)****PUBH 5520G****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.

**PUBH 6532****Environmental Health: 3-0-3**

This course is a survey of specific environmental conditions and factors that contribute to the development of health problems in communities. Health effects, policy issues, intervention strategies and control programs for community environmental health protection are discussed.

**PUBH 6533****Epidemiology: 3-0-3**

This course provides an introduction to many important topics in epidemiology for public health practice, including but not limited to the evolution of the discipline, causal concepts in the natural history of disease, critical features of infectious and chronic diseases, elements of public health screening, basic measures used in epidemiology, design of epidemiologic investigations, consideration of random error and systematic bias, calculation and interpretation of confidence intervals and p values, discussion of confounding and interaction, criteria for evaluation of cause and effect relationships and the implications for ethical public health practice. Students are expected to gain a foundation for the application of epidemiologic methods for exploration of the causes and conditions that influence the origin, propagation, mitigation, and prevention of diseases in population health.

**PUBH 6534****Health Policy and Management: 3-0-3**

The course provides a comprehensive introduction and overview to public health management and administration. The course context is based on managerial decision making and the practical knowledge, tools, processes and strategies required by organizational management. This course overviews the basics of administration, including public health law, human resources management, budgeting and financing, health information management, performance measurement and improvement, ethics,

leadership, communication, media relations, and legislative relations in public health; introduced as processes are strategic planning, program development and evaluation, budget preparation, and constituency building for collaboration. Emerging areas of public health policy and management are also discussed as contexts to apply practical knowledge, tools and strategies.

**PUBH 6535****Social and Behavioral Sciences and Public Health: 3-0-3**

This course is designed to familiarize students with the history and current applications of social and behavioral sciences as they are applied to public health practice and research. It explores social and behavioral science models, theories, and approaches that inform public health, and their philosophical roots. The course also examines social and behavioral determinants of health equity across the ecological spectrum. Emphasis is placed on critical thinking skills to help students synthesize and utilize information in research and practice. An important contribution of this course is the emphasis on recognizing the contributions of social and behavioral science research and practice to enhanced public health.

**PUBH 6541****Biostatistics: 3-2-4**

This course examines statistics in public health and related health sciences, including sampling, probability, basic discrete and continuous distributions, descriptive statistics, hypotheses testing, confidence intervals, categorical data analysis, regression, and correlation. Emphasis will be on the development of critical thinking skills and health data analysis applications with computer software.

**PUBH 7090/7090S****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 department. Prerequisite(s): Permission of instructor.

**PUBH 7131****Continuous Quality Improvement: 3-0-3**

This course will use Statistical Process Control and Quality Improvement (QI) techniques to address the pressing need for the adoption of quality improvement methods and techniques in public health today. The course also includes an overview of health quality initiatives in general and the progress of QI in public health systems.

**PUBH 7790/7790S****Practicum in Public Health: 0-(7-20)-(1-4)**

Permits the student to receive practical experience in a selected public health-related setting. Prerequisite(s): Permission of instructor.

**PUBH 7890****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 7991/7991S****Public Health Capstone Research Project: 0-(1-3)-(1-3)**

Requires the completion of an independent research project in the preferred field requiring the defense of the design, methods, analysis, and interpretation of the data. MPH students may register for more than 3 credits of PUBH 7991 while working on their Capstone Research Project, but only 3 credits of PUBH 7991 may be applied toward the degree requirements. Excess PUBH 7991 credits can not be used for electives or required coursework. Extra (greater than 3) credits of PUBH 7991 will simply increase the number of credits the student earns to more than 45. Prerequisite(s): Permission of instructor.

**PUBH 7999****Thesis: 0-(3-18)-(1-6)**

Requires the completion of an independent research project in the preferred field requiring the defense of the design, methods, analysis and

interpretation of the data. Prerequisite(s): Permission of Graduate Program Director.

**PUBH 8130****Advanced Topics in Biostatistics: 3-0-3**

This course provides an overview of advanced biostatistical descriptive and inferential methods including multiple regression, logistic regression, longitudinal data, survival analysis, and repeated measures with applications to public health and biomedical studies. Emphasis will be placed on developing statistical reasoning and critical thinking skills in addition to programming skills using statistical software (SAS) to analyze public health and biomedical data.

**PUBH 8132****Environmental and Occupational Health: 3-0-3**

This course is designed to reinforce basic concepts of environmental and occupational health. Students will be exposed to the current impact of potential environmental and occupational health and safety hazards. Students will also be exposed to current concepts associated with environmental and occupational regulatory standards, assessment protocols, sampling and monitoring techniques, and remediation strategies. Corequisite(s): PUBH 8134.

**PUBH 8133****Epidemiologic Methods: 3-0-3**

An advanced epidemiology class designed to reinforce epidemiological concepts, as well as build a foundation for epidemiologic research in public health practice. Specific course content includes observational and experimental epidemiologic research methods. Emphasis will also be placed on appropriate analytic techniques necessary for biostatistical inference.

**PUBH 8134****Health Economics, Policy and the Political Process: 3-0-3**

Foundational economic and specific health economic theory, trends, market issues, and applications are presented to include health insurance and payment theory, processes, and applications. Comparison between rational and irrational theory is explored. Evolution of health policy, considering past, current and future major legislation and executive directives, are explored within the political process. Corequisite(s): PUBH 8132.

**PUBH 8136****Theoretical Perspectives of the Social and Behavioral Sciences in Public Health: 3-0-3**

This course will explore social and behavioral science theories, models, and approaches that inform public health research and practice, as well as their philosophical foundations. With emphasis on an ecological perspective, students will apply relevant theories to understanding community health issues and to developing interventions. The course also examines social and behavioral determinants of health equity across the ecological spectrum. In this course students will gain an enhanced understanding of the contributions of the social and behavioral sciences to Public Health.

**PUBH 9130****Professional Seminar in Biostatistics: 3-0-3**

This course focuses on study design and sampling methods as well as data analysis of small and large, national and local health surveys and vital statistics in order to gain experience describing data using effective graphical and numerical methods. Students will use statistical software (SAS) to analyze data originating from various survey designs, including data from experimental designs such as parallel, longitudinal studies that involve several treatment or intervention groups. Students will work in groups on data analysis projects and case studies in order to be exposed to others' expertise in different areas of public health and to learn effective collaboration. Readings from the literature in public health and biomedical studies will be analyzed and critiqued so that students will gain experience in distinguishing effective data analysis techniques. Emphasis will be placed on the development of critical thinking skills, statistical reasoning, and collaboration. Prerequisite(s): A minimum grade of "B" in PUBH 8130.

**PUBH 9132****Community-Based Research in Public Health: 3-0-3**

This course will familiarize students with concepts, issues, and skills needed to conduct community-based Public Health research. Emphasis will be placed on utilizing qualitative, quantitative, and mixed methods within an ecological theoretical framework. Students will gain an understanding of the Community-Based Participatory Research (CBPR) approach, amongst others. Power-based issues in research relationships and the ethics of community-based research will be discussed. Students will learn advocacy skills to catalyze community-level intervention and structural change based on research findings. Prerequisite(s): A minimum grade of "B" in PUBH 8132 and PUBH 8134. Corequisite(s): PUBH 9135.

**PUBH 9135****Public Health, Funding and Grantsmanship: 3-0-3**

This course will review the major sources of funding for public health programs, including public and private sources, and the components of successful funding proposals. Students will gain experience in writing funding proposals and creating program budgets. Students will learn appropriate techniques to planning and writing research grants for large-scale and small-scale community projects. As a part of this process, students will learn effective means of locating and soliciting funding agencies responsible for financing public health activity. Prerequisite(s): A minimum grade of "B" in PUBH 8132 and PUBH 8134. Corequisite(s): PUBH 9132.

**PUBH 9630****Public Health Doctoral Seminar: 3-0-3**

This course is designed to give doctoral candidates the opportunity to determine and refine their dissertation research topics including identifying potential dissertation committee members particularly the chair.

**PUBH 9790/9790S****Doctoral Preceptorship in Public Health: 0-(7-20)-(1-3)**

The doctoral preceptorship/field experience consists of 300 hours of field experience under the joint direction of a public health faculty member and a qualified specialist working in selected areas of public health. A written report specifying activities, products, and outcomes of the experience is required upon completion of the preceptorship. Prerequisite(s): Doctoral student standing and permission of instructor.

**PUBH 9999****Dissertation: 0-(1-9)-(1-9)**

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. A written product must be submitted and must take the form of a manuscript that is suitable for publication in a national-level public health journal, a grant proposal, a technical report, a case analysis, or other similar document. The dissertation must also be presented and successfully defended before the faculty. Prerequisite(s): Permission of the Advisor.

**Reading (COE)****READ 7090****Selected Topics in Reading: (1-3)-0-(1-3)**

Topics in Reading is designed to serve dual purposes: 1) it allows the department to respond to specific needs of area schools, and 2) it allows the department to respond to current issues and trends in reading education with topical courses. Prerequisite(s): Permission of instructor.

**READ 7131****Approaches to Literacy Instruction: 3-0-3**

Provides an overview of the basic program of literacy instruction. Includes activities that foster the development of strategic readers, familiarity with current literacy resources, integration of technology into literacy education, and familiarity with approaches to and models of instruction. Considers the stages of an individual's literacy development, as well as effective teaching strategies, assessment techniques, and organization for instruction.

**READ 7132****Literacy Assessment and Correction: 3-0-3**

A study of the diagnosis and remediation of literacy difficulties in P-12 contexts. Provides experiences in the use of diagnostic techniques and remedial procedures involving students with literacy difficulties. This course includes a required field-based component. Prerequisite(s): READ 7131.

**READ 7230****Issues and Trends in Literacy: 3-0-3**

Designed to investigate the current issues and trends in literacy instruction across levels P-12. Emphasis will be on the critical analysis of research literature that is related to the current practices and trends in the teaching of literacy. Prerequisite(s): A minimum grade of "C" in READ 7131.

**READ 7234****The Role of the Literacy Coach in Today's Schools: 3-0-3**

This course describes the role of the literacy coach in today's schools from pre-K to high school. This course is designed to assist coaches in providing leadership for a school's entire reading/literacy program by providing professional development for teachers and acting as a liaison between instructional personnel and administrators. Prerequisite(s): A minimum grade of "C" in READ 7131.

**READ 7330****Literacy in the Content Areas: 3-0-3**

Addresses the development of literacy skills needed by students in grades P-12. Instructional strategies are presented and designed to help students transfer literacy skills into content areas.

**READ 7431****Digital Literacies in the 21st Century: 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 digital 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 7131.

**READ 7432****Teaching Literacy with English Language Learners: 3-0-3**

This course examines the language, reading, and writing instructional needs of English language learners. This includes exploring second language acquisition, the historical contexts surrounding the education of language minority students, and the ways in which mainstream classroom teachers can actively engage English learners in academic literacy activities. The course is grounded in sociocultural theory and builds upon K-12 students' first language as a resource. Field experience required. Prerequisite(s): A minimum grade of "C" in READ 7131.

**READ 8130****Literacy Assessment and Correction II: 3-0-3**

Involves a continued in-depth study of the administration and interpretation of literacy and literacy-related diagnostic strategies and of corrective and remedial strategies appropriate to the needs determined through diagnosis. Focus is on individuals experiencing substantial literacy difficulties in P-12 settings. This course includes a required field-based component. Prerequisite(s): READ 7132.

**READ 8230****Organization and Supervision of Reading Programs: 3-0-3**

A study is made of a balanced reading program and the relationship of the reading program to the total curriculum. Prerequisite(s): READ 7131.

**READ 8630****Critical Readings in Reading/Literacy Education: 3-0-3**

An advanced seminar for Ed.S. and Ed.D. students offering an in-depth study of a specific topic in reading/literacy education. Prerequisite(s): Admission to Ed.S. or Ed.D. program.

**READ 8839****Field Project in Reading: 1-2-3**

Designed to enable students to design, organize, and report an instructional improvement research project implemented in reading. Prerequisite(s): EDUR 8434.

**READ 8890****Directed Individual Study: (1-3)-0-(1-3)**

The Directed Individual Study provides an opportunity for a student to pursue an area of interest not covered by any existing courses in a guided, independent format. The student is responsible for defining an area of study, course objectives, activities and assessment procedures and identifying a graduate faculty member in the Reading Program who will supervise the study. Prerequisite(s): Permission of instructor.

**Recreation (CHHS)****RECR 6030****Selected Topics in Recreation and Sport: 3-0-3**

Provides the student with the opportunity to study contemporary topics and issues relevant to recreation and sport administration.

**RECR 6230****Computer Applications in Recreation and Sport Management: 3-0-3**

Provides students with the ability and opportunity to apply intermediate and advanced computer skills using contemporary software applications.

**RECR 7230****Research Methods and Statistical Applications in Recreation and Sport Management: 3-0-3**

An operational understanding of research, evaluation methods, and statistical applications. The goal of this course is to produce intelligent consumers of research based information and to give students the opportunity to prepare for advanced graduate study.

**RECR 7235****Issues and Trends in Recreation: 3-0-3**

A critical understanding of the current and anticipated problems and trends in the field of recreation with particular emphasis on solutions, established and predicted, to address these problems and trends.

**RECR 7236****History and Philosophy of Leisure and Sport: 3-0-3**

A critical inquiry into the history and philosophies of leisure and sport to gain an understanding of the concepts surrounding, and operation of, the modern leisure and sport industries.

**RECR 7237****Recreation Management: 3-0-3**

An overview of recreation management with a focus on organizational behavior, personnel management, public relations, marketing, public finance, and politics and power structures in recreation and leisure service settings.

**RECR 7790****Internship: 0-0-9**

Provides an opportunity for a full time, 40 hour week, 15 week professional experience. Students will work in a supervised organizational setting within the Parks and Recreation, or related, profession. Prerequisite(s): Completion of all graduate course work.

**RECR 7830****Directed Individual Study: 0-0-3**

Students have an opportunity to pursue an independent recreation research project or to work with a faculty member as part of a research team.

#### **RECR 7999**

##### **Thesis: (1-6)-0-(1-6)**

Opportunity to conduct an independent research project in the preferred field of recreation, requiring the development of a thesis proposal, the execution of appropriate research, the analysis of results, and the development of a written product.

### **Religious Studies (Interdisciplinary)**

#### **RELS/HIST 5332G**

##### **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.

#### **RELS/COML/ENGL 5530G**

##### **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 ENGL 2231 or ENGL 2232 (not taken as a prerequisite).

### **Secondary Education (COE)**

#### **SCED 5799G**

##### **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.

#### **SCED 6131**

##### **Curriculum for Secondary Education: 3-0-3**

This course is designed to assist teacher candidates in understanding curriculum design, instructional planning and teaching practices in the secondary school and in reflecting on best practices in secondary instruction. Emphasis placed on planning, presentation, and assessment skills, as well as developing strategies for working with the diverse student populations present in schools. Candidates will design an instructional unit focusing on the selection of appropriate learning objectives related to specific knowledge, skills, and dispositions in one's teaching field; selection of interactive learning activities and resources including multiple technologies; and the use of appropriate assessments of student learning. Prerequisite(s): ITEC 7530 or equivalent.

#### **SCED 6738**

##### **Supervised Practicum in Secondary Education: 0-0-3**

A supervised teaching experience in grades 6-12. Candidates will plan and teach in one's specific teaching field(s) and grade levels for which they are being certified. Emphasis is placed on instructional planning, effective instruction, classroom management, and student evaluation. Prerequisite(s): A minimum grade of "C" in MSED 6120 and admission to Teacher Education Program. Corequisite(s): SCED 6131.

#### **SCED 6739**

##### **M.A.T. Internship I: Secondary: 0-0-3**

This supervised practicum course is designed for M.A.T. candidates who are employed full time in an approved teaching position. It provides a supervised teaching experience in an appropriate grade level and school setting for the candidate's teaching field. Candidates will plan and teach in the specific teaching field(s) and grade levels for which one is being certified. Emphasis is placed on instructional planning, classroom management, and student evaluation. Prerequisite(s): A minimum grade of "C" in MSED 6120 and admission to Teacher Education Program. Corequisite(s): SCED 6131. Candidates must hold a valid non-renewable teaching certificate and be currently employed in grades 6-12 and teaching in the teaching field(s) for which one is being certified.

#### **SCED 6799**

##### **Supervised Internship: Secondary: 0-0-(3 to 12)**

A fifteen-week supervised teaching experience in the specific teaching field and grade levels for which one is being certified. Candidates seeking initial certification in one of the secondary education teaching fields will complete the internship in order to be eligible for initial certification. Prerequisite(s): A minimum grade of "C" in SCED 6131 and candidates must hold a valid non-renewable teaching certificate and be currently employed in grades 6-12 and teaching in the teaching field(s) for which one is being certified.

#### **SCED 8633**

##### **Seminar in Secondary Education: 3-0-3**

A capstone course for the M.Ed. in each of the secondary education programs. Emphasis is placed on a study of the historical and contemporary research, instruction, and recommended practices for effective secondary schools. Current trends and issues in secondary education will be examined. A field-based study is included in the course. Prerequisite(s): A minimum grade of "C" in EDUR 7130. M.Ed. in secondary education candidates must have completed MSED 8333 or MSED 8331 and the advanced methods course with a minimum grade of "C". M.A.T. secondary education candidates must also have completed SCED 6131 and a methods course with a minimum grade of "C".

### **Sport Management (CHHS)**

#### **SMGT 6030/6030S**

##### **Selected Topics in Sport Management: 3-0-3**

Provides students with the opportunity to study contemporary topics and issues relevant to the sport management profession.

#### **SMGT 6131**

##### **Management of Personnel in Sport: 3-0-3**

This course is a study of people at work and the accompanying attitudes, behaviors, and skills that employees exhibit during the work process. The goal of the course is first for students to understand and recognize specific workplace behaviors/attitudes and second, for students to learn various approaches to managing these behaviors/attitudes. Additionally, special attention is given to the management of volunteers in the sport industry.

#### **SMGT 6132**

##### **Current Issues in Sport Administration: 3-0-3**

This course provides insight into the past, current, and future trends in the field of sport administration. Emphasis will be placed on comprehension, assessment and problem resolution. Administrative theory and function, as well as cultural, social, legal and economic factors; and professional practices and applications within the field of sport administration are analyzed and applied to current issues and trends in the industry.

#### **SMGT 6133**

##### **Consumer Behavior in Sport: 3-0-3**

Sport spectating is an extremely popular activity in the United States and little is known about the theoretical nuances that determine spectator behavior in sport. This course is intended to provide students with comprehensive coverage of sport spectator consumer behavior. Various models and paradigms relevant to sport spectator consumption behavior will be examined.

**SMGT 6134****Sport Sponsorship: 3-0-3**

This course contains a detailed consideration of the relationship between sports and corporate sponsorship programs. The course focuses on alignment marketing issues, strategic communication through sponsorship programs, sponsor value, and sponsorship evaluation.

**SMGT 6135****Revenue Generation in Sport: 3-0-3**

This course exposes students to a broad range of topics related to Revenue Generation in the Sport Industry, mostly centered around ticket sales and fundraising. Students will learn various approaches to ticket sales strategies in professional sports, the process of a sales call, specific types of inventory in professional and collegiate sport, and strategies for successful fundraising in collegiate athletics.

**SMGT 6330****Social and Ethical Issues of Sport and Leisure: 3-0-3**

Introduces the student to a variety of sociological principles and implications that relate to human organization and human interaction within the realm of leisure and sport. Leisure and sport are pervasive influences in American culture and in much of the developed world. It is important to understand the evolution of the leisure ethics in our society, how sport has become so important, and how an individual is socialized through the forum of sport. The class will investigate the interrelationships between society, sport, popular culture, and the value systems attributed to the involvement in these areas.

**SMGT 6335****Sport Administration: 3-0-3**

Designed to develop a futuristic understanding of the management of sport related businesses. The exponential change in the world of sport requires an understanding of successful past and present practices and the foreseeability of change. Emphasis in this class will be on strategic planning for change, NCAA change in organization and mandates, the current and future legal environment in sport including changes in "standards of care", and the managerial implications for keeping up with the changing nature of sport participants and the associated coaching changes needed to be effective.

**SMGT 6337****Sport Facility and Event Management: 3-0-3**

Helps the student understand contemporary sport facilities and event management. Important aspects of the class include event risk management, event planning and operations, facilities management, facility planning and development, and negotiating with promoters, independent contractors and those involved in privatization.

**SMGT 7330****Research and Analysis in Sport: 3-0-3**

This course offers an operational understanding of research, evaluation methods, and statistical applications in the sport industry. Students taking this course should be able to design and conduct research in sport organizations that generates trustworthy data and adequately addresses a business question.

**SMGT 7335****Sport Law and Risk Management: 3-0-3**

Provides an advanced understanding of legal proceedings, legal research, negligence, and risk management. Through actual experiences of advanced legal research, moot courts, and the development of a risk management plan for an actual sport business students will develop a deeper understanding of the current status of negligence as it applies to the sport industry and the development of a risk plan to reduce operational risks.

**SMGT 7337****Sport Marketing: 3-0-3**

Examines the unique nature of marketing sport both as a participatory and spectator event. Emphasis is upon understanding the synergy of marketing, sport and society. Consideration is given to marketing collegiate and professional sport.

**SMGT 7339****Financial and Strategic Management in Sport: 3-0-3**

Traditional and innovative revenue acquisition methods available to sport organizations will be examined. Particularly, the thorough financial analysis of two sport organizations competing in the same segment of the sport industry. The second half of the course focuses on macro management strategies. Content includes low-cost provider differentiation and niche strategies and the analysis of Porter's 5 Forces Model of sustaining competitive advantage.

**SMGT 7790****Sport Management Internship: 0-40-9**

Allows the student to apply the knowledge and skills acquired in class and to receive practical experience in selected sport industry settings.

**SMGT 7830/7830S****Directed Individual Study: 0-0-3**

Provides students with an opportunity to pursue an independent sport management research project or to work with a faculty member as part of a research team.

**SMGT 7999****Thesis: 0-0-(1-6)**

Opportunity to conduct an independent research project in the preferred field of sport management, requiring the development of a thesis proposal, the execution of appropriate research, the analysis of results, and the development of a written product.

**Sociology (CLASS)****SOCI 5094G****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 5135G****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 5139G****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 5332G****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 5333G****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 5433G****Program Evaluation: 3-0-3**

Explores what it means to live in a society in which accountability is a thematic issue and policy and programs 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 6631****Seminar in Self and Society: 3-0-3**

Examination of social psychological theory and research with emphasis upon the sociological perspective. Both structural and symbolic interactionist theories are explored.

**SOCI 6632****Seminar in Social Change: 3-0-3**

Examines sociological approaches to and theories of change and analyzes causes and consequences of long-term structural transformations.

**SOCI 6633****Seminar in Social Stratification: 3-0-3**

Examines several different approaches, methods, and data sources from the research speciality area of inequality. Introduces students to themes that are used to organize and differentiate theories of social stratification. Some familiarity with quantitative methods and empirical research will be prerequisites to successful performance in the course.

**SOCI 6634****Seminar in Social Organization: 3-0-3**

Examination of theories of social organization and their application at both the micro and macro levels of analysis in groups, organizations, and societies.

**SOCI 6635****Sociology of Gender: 3-0-3**

Examines the cultural construction of gender as well as the structural hierarchies of wealth, power, and prestige linked to gender.

**SOCI 6638****Proseminar in Social Science: 3-0-3**

Introduces students to the foundations and controversies in social scientific research.

**SOCI 7091****Selected Topics in Sociology: (1-3)-0-(1-3)**

In-depth examination of selected topics of contemporary interest and relevance to Sociology. Topics will vary and course may be repeated as topics change.

**SOCI/ANTH/POLS/CRJU 7434****Quantitative Research Design: 3-0-3**

Study of the role of theory, research design, sampling, measurement and instrumentation, data collection, and ethical issues related to social scientific research.

**SOCI 7435****Seminar on the Rural South: 3-0-3**

Examines the lifeways, traditions, and social organization of rural society in the American South. Uses the dynamics of class, race, and gender to understand the social structure and legacies of rural southern communities.

**SOCI/ANTH/POLS/CRJU 7436****Qualitative Research Design: 3-0-3**

Analysis and practice of qualitative methodology in social science. Topics may include participant observation, ethnographic methods, interviews, case studies, content analysis, archival research and other innovative techniques.

**SOCI/POLS/CRJU 7437****Statistics for Social Science: 3-0-3**

Study of the techniques and statistics necessary to design and interpret quantitative social scientific research.

**SOCI/ANTH/POLS 7638****Social Theory: 3-0-3**

Examines the role of theory in the scientific endeavor and explores a number of theoretical perspectives, including structural-functionalism, conflict, feminist, exchange, rational choice, symbolic interaction, and the current debates over modernity and postmodernity.

**SOCI 7790****Practicum: 0-(1-9)-(1-9)**

Designed as an educational placement to give graduate students a practical experience in a vocationally-appropriate setting.

**SOCI 7891****Independent Study in Sociology: 0-0-(1-3)**

Independent examination of graduate course topics offered in the sociology curriculum of the Department of Sociology and Anthropology following guidelines of the College of Graduate Studies. Prerequisite(s): Permission of instructor.

**SOCI 7892****Directed Research in Sociology: 0-0-(1-3)**

Participation in an independent or group research project. More than three hours of credit for directed research may be earned, but only three hours may be applied to the completion of minimum hours required for the M.A. in Social Science degree. Prerequisite(s): Permission of instructor.

**SOCI 7990****Applied Monograph: (1-6)-0-(1-6)**

A document of thesis quality and rigor which presents research and systematic observations from a practicum or field internship experience of no less than one semester. As a substitute for the traditional thesis, this option must be approved by the sociology graduate faculty of the Department of Sociology and Anthropology. Prerequisite(s): Permission of graduate faculty in sociology.

**SOCI 7999****Thesis: (1-6)-0-(1-6)**

Research thesis. Prerequisite(s): Permission of major professor.

**SOCI 8891****Independent Study in Sociology: 0-0-(1-3)**

Independent examination of graduate course topic offered in the sociology curriculum of the Department of Sociology and Anthropology following guidelines of the College of Graduate Studies. Designed for graduate students beyond the masters level. Prerequisite(s): Permission of instructor.

**SOCI 8892****Directed Research in Sociology: 0-0-(1-3)**

Participation in an independent or group research project. Designed for students participating in programs of study beyond the master's level. Prerequisite(s): Permission of instructor.

**Spanish (CLASS)****SPAN 5030G****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 5230G****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 5232G****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 5234G****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 5331G****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 5332G****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.

**SPAN 6130****History of the Spanish Language: 3-0-3**

Study of how Spanish developed from Latin to its contemporary form. Emphasis upon the external historical context in which Spanish developed, as well as an understanding of what linguists think about language change and evolution from phonological, morphological, and syntactic points of view.

**SPAN 6132****Hispanic Linguistics: 3-0-3**

This course explores Spanish linguistics and establishes the basis for future application of linguistic principles. The course begins with an exploration of the sound system of Spanish and its theoretical representation. Building on this, the discussion continues with topics in Spanish morphology such as word formation and verbal inflection. This is followed by issues in syntax and semantics that are analyzed both in isolation and in terms of their relationship to each other. The goal of this course is to provide students with a level of knowledge that enables them to make connections between the structure of Spanish and relevant issues in contemporary Hispanic linguistics, such as language variation, bilingualism, and Spanish in the United States.

**SPAN 6230****Early Modern Hispanic Studies: 3-0-3**

Practice of Superior-level Spanish-proficiency skills through detailed analysis of the Spanish-speaking world prior to the disintegration of the Spanish Empire. Situates content studied in its cultural, historical, and

aesthetic contexts using appropriate critical methodologies. Course repeatable for credit with advisor approval.

**SPAN 6231****18th- and 19th-Century Hispanic Studies: 3-0-3**

Practice of Superior-level Spanish-proficiency skills through detailed analysis of the Spanish-speaking world of the eighteenth and nineteenth centuries. Situates content studied in its cultural, historical, and aesthetic contexts using appropriate critical methodologies. Course repeatable for credit with advisor approval.

**SPAN 6237****20th- and 21st-Century Hispanic Studies: 3-0-3**

Practice of Superior-level Spanish-proficiency skills through detailed analysis of the Spanish-speaking world of the twentieth and twenty-first centuries. Situates content studied in its cultural, historical, and aesthetic contexts using appropriate critical methodologies. Course repeatable for credit with advisor approval.

**SPAN 7090/7090S****Selected Topics in Spanish: (1-3)-0-(1-3)**

Selected Topics in Spanish.

**SPAN 7091****Seminar in Spanish: 3-0-3**

Topic selected by instructor.

**SPAN 7130****Studies in Spanish Pedagogy: 3-0-3**

Practice of Superior-level Spanish-proficiency skills through the study of the history and practice of Spanish pedagogy. Emphasis placed on learning how to help Spanish-language learners become functionally proficient in Spanish. Opportunities provided for hands-on experience. Course repeatable for credit with advisor approval.

**SPAN 7131****Studies in Spanish Language: 3-0-3**

Practice of Superior-level Spanish-proficiency skills through theoretical and pragmatic analysis of various branches of linguistics, with special attention to practical applications. Topics may include semantics, stylistics, morphology, phonology, dialectology, sociolinguistics, etc. Course repeatable for credit with advisor approval.

**SPAN 7195/7195S****Studies Abroad: Language: 3-0-3**

Studies oral and written features of Spanish within a Spanish-speaking country using native materials and resources.

**SPAN 7232****Studies in Hispanic Authors: 3-0-3**

Practice of Superior-level Spanish-proficiency skills through the study of the life, works, and criticism of a particular Hispanic author. Course repeatable for credit with advisor approval.

**SPAN 7233****Periods, Genres, Themes: 3-0-3**

Practice of Superior-level Spanish-proficiency skills through the study of a particular period, genre, or theme of importance in Hispanic life, art, and literature. Course repeatable for credit with advisor approval.

**SPAN 7234****Spanish Masterpieces: 3-0-3**

Practice of Superior-level Spanish-proficiency skills through the study of a Spanish masterpiece situated within both its historical moment and its critical aftermath. Works might include such titles as Don Quijote, Cien años de soledad, La Regenta, etc. Course repeatable for credit with advisor approval.

**SPAN 7395/7395S****Studies Abroad: Culture: 3-0-3**



Studies literature, culture, and/or civilization within a Spanish-speaking country, using native materials and resources.

#### **SPAN 7890/7890S**

##### **Directed Study in Spanish: (1-3)-0-(1-3)**

Independent Study under faculty supervision.

#### **SPAN 7999**

##### **Thesis: 0-0-(1-6)**

Planned research and writing directed by the student's thesis director.

## **Special Education (COE)**

#### **SPED 5799G**

##### **Student Teaching in Special Education: 12-0-12**

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.

#### **SPED 6130**

##### **Introduction to Special Education: 3-0-3**

Designed to examine the etiology, incidence, diagnosis, characteristics and philosophical and educational implications of the full range of students who demonstrate a need for additional educational services in order to achieve full potential. It is a prerequisite to Master's level coursework in Special Education and meets the educational requirements mandated by H.B. 671.

#### **SPED 6230**

##### **Assessment and Procedures in Special Education: 3-0-3**

This course is designed to provide graduate students with prerequisite skills in procedures, and assessment in Special Education. More specifically, this course provides a review of a variety of assessment techniques, including observations, teacher-made tests, criterion referenced assessments, curriculum-based assessment, and standardized evaluation tools for program planning purposes for individuals with special learning needs. In addition, this course provides knowledge about legislative requirements and the procedures associated with assessment, placement, and instruction of students with disabilities. Prerequisite(s): SPED 6130.

#### **SPED 6231**

##### **Special Education Laws and Procedures: 3-0-3**

This course provides knowledge about legislative requirements and the procedures associated with assessment, placement, and instruction of children with special needs. Individual Education Plans, eligibility reports, and transition plans are designed within the current legal and legislative context of special education. Prerequisite(s): SPED 6130.

#### **SPED 6330**

##### **Classroom Management: 3-0-3**

This course is designed to provide graduate students with prerequisite skills in classroom management and procedures. More specifically, this course provides an overview of basic procedures for instructional and behavior management of students with disabilities. In addition, this course provides knowledge about legislative requirements and the procedures associated with instructional and behavioral management. Also included in this course is a review of a variety of assessment techniques including observation, interviews, and other informal assessment techniques for use with individuals with disabilities. Prerequisite(s): SPED 6130.

#### **SPED 7090**

##### **Selected Topics in Special Education: (1-3)-0-(1-3)**

Designed to promote specialized training in new and/or emerging topics related to the preparation of practitioners in the field of special education. Attention will be given to a range of special needs as they reach special significance in local systems. Prerequisite(s): Permission of instructor.

#### **SPED 7133**

##### **Collaboration Across the Life Span: 3-0-3**

An in-depth examination of the issues confronted by individuals with disabilities and their families across the life span is provided. The consultative and collaborative skills necessary to work with students with disabilities, parents, student services personnel, and community agencies across the life span are taught. Emphasis is placed on planning and implementing transitions at all stages.

#### **SPED 7136**

##### **Language Development: 3-0-3**

Provides a review of the types and causes of language problems found in exceptional child populations. Provides instruction and demonstration in diagnostic and developmental/remedial techniques in the area of speech/language.

#### **SPED 7630**

##### **Seminar in Special Education: 3-0-3**

Requires students to address a series of topics central to current research and practice in Special Education as they relate to a specific area of disability. Students will be required to prepare for and lead class discussion on a topic of their choice. Prerequisite(s): Completion of 30 hours in M.Ed. Program.

#### **SPED 7631**

##### **Perspectives on Mild Disabilities: 3-0-3**

This course is designed to provide graduate students with a review of the characteristics of students with mild disabilities and the implications for their education and development. In addition, graduate students will reflect on the inter- and intra- individual differences which define the uniqueness of students with mild disabilities. Course content will integrate legal and social issues related to the instruction of students with mild disabilities. Prerequisite(s): Prior or concurrent enrollment in SPED 6230 and SPED 6330.

#### **SPED 7632**

##### **Methods for Mild Disabilities: 3-0-3**

This course is designed to provide graduate students with skills in social and learning methods for students with mild disabilities. More specifically, this course provides an overview of basic methodology for academic and social instruction for students with disabilities. In addition, this course provides knowledge about the identification and implementation of a variety of teaching methodologies appropriate for learners with mild disabilities. Prerequisite(s): SPED 7631.

#### **SPED 7633**

##### **Introduction to Augmentative Language: 3-0-3**

This course is an introduction to Augmentative Language and is designed to develop conversational signing skills at the beginning level. Candidates will develop expressive and receptive sign skills, and learn the manual alphabet, numbers, and sign vocabulary. Other topics include grammar, history, fingerspelling, terminology, and Deaf culture.

#### **SPED 7634**

##### **Characteristics and Assessment of Low Incidence Populations: 3-0-3**

This course is designed to provide the graduate candidate with an introduction to the characteristics and assessment of students with moderate to severe disabilities in low incidence categories including mental retardation, sensory impairments, physical disabilities, multiple disabilities, chronic health impairments, autism, and traumatic brain injury. Historical and philosophical perspectives of programs related to students with moderate to severe disabilities using a life-span approach will be explored. Positive behavioral support strategies will be introduced. Developmentally appropriate formal and informal assessment will be addressed. In addition, this course will include reflection on multicultural, diversity, technology, employment and community living issues facing this population of individuals with disabilities.

#### **SPED 7635**

##### **Methods for Low Incidence Populations: 3-0-3**

This course is designed to provide students with practical techniques of structuring group and individualized instruction in all curriculum areas for individuals with moderate to severe disabilities. It includes review, demonstration, and preparation of programs, methods, and materials for such instruction, with special emphasis on application of the diagnostic-prescriptive process. Prerequisite(s): SPED 7634.

#### SPED 7796

##### **Internship in Special Education: 0-(10-30)-(3-9)**

This field-based internship involves the implementation of prescriptive methods for teaching students with disabilities at either the Mild or Moderate/Severe levels. Interns must complete contact hours in a P-12 classroom serving students with the categorical focus identified in the student's program of study. Prerequisite(s): A minimum grade of "B" in SPED 7632 and SPED 7635.

#### SPED 8130

##### **Administration in Special Education: 3-0-3**

Designed to develop the skills necessary to organize, house, equip, staff, supervise, and provide specialized educational environments and services for children with disabilities.

#### SPED 8131

##### **Critical Issues in Special Education: 3-0-3**

Students will identify and address a series of critical issues in special education from the standpoint of how such issues impact on the practice of education in their classroom, school, and system. Historical and current research will be reviewed as they relate to identified issues. Discussions of methods for addressing such issues within the context of the public schools will be a major focus of this course.

#### SPED 8838

##### **Qualitative/Applied Behavioral Analysis Research: 3-0-3**

Designed to provide an in-depth study of the methodology involved in qualitative and ABA research. Provides students with a foundation of skills which will allow them to conduct research independently. In addition, a major goal of this course is to facilitate the development of critical thinking skills which will enable students to make reflective decisions within their professional domain. Prerequisite(s): EDUR 8131.

#### SPED 8890

##### **Directed Individual Study: (1-3)-0-(1-3)**

The student will propose and carry out an applied or theoretical project in Special Education. Prerequisite(s): Permission of program faculty.

### Statistics (COSM)

#### STAT 5130G

##### **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 5330G

##### **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 5531G

##### **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 5532G

##### **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.

#### STAT 7090

##### **Selected Topics in Statistics: (1-3)-(0-2)-(1-3)**

Selected study in a selected area of Statistics. Prerequisite(s): STAT 5531 and permission of instructor.

#### STAT 7130

##### **Applied Multivariate Statistical Analysis: 3-0-3**

Estimating and inference from the multivariate normal distribution, Hotelling's  $T^2$ , multivariate analysis of variance, multivariate regression, multivariate experimental design, principle component analysis, factor analysis, discriminate analysis and cluster analysis. Prerequisite(s): STAT 5531.

#### STAT 7132

##### **Applied Nonparametric Statistics: 3-0-3**

Review of probability and statistical inference; binomial, quantile and sign tests; contingency tables; methods based on ranks. Prerequisite(s): STAT 5531.

#### STAT 7134

##### **Applied Regression Analysis: 3-0-3**

Simple and multiple linear regression, model selection, residual analysis, influence diagnostics, transformation of data to fit assumptions, multicollinearity and an introduction to nonlinear regression. Prerequisite(s): STAT 5531.

#### STAT 7135

##### **Analysis of Discrete Data: 3-0-3**

The study of discrete univariate and multivariate distributions and generating functions, two-way and higher dimensional contingency tables, chi-squared and other goodness-of-fit tests, Cochran-Mantel-Hanzel procedure, binary and multinomial response models, log-linear models, theoretical foundations for the generalized linear models, mixed generalized linear models, longitudinal and spatial data analysis. Prerequisite(s): A minimum grade of "C" in STAT 5531 and STAT 7331.

#### STAT 7231

##### **Design of Experiments I: 3-0-3**

Various statistically designed experiments are introduced including randomized blocks designs, Latin squares, incomplete block designs, factorial and fractional factorial designs with and without confounding and nested designs. Prerequisite(s): STAT 5531.

**STAT 7232****Design of Experiments II: 3-0-3**

Response surface methodology is introduced. First- and second-order models and designs are studied which includes determining optimum conditions and methods of estimating response surfaces. Multiresponse experiments, nonlinear response surface models, and mixture designs are also studied. Prerequisite(s): STAT 7231.

**STAT 7234****Statistical Process Control: 3-0-3**

Philosophy of statistical process control is studied along with SPC techniques of control charts, process-capability, designed experiments and acceptance sampling. Prerequisite(s): STAT 5531.

**STAT 7331****Mathematical Statistics I: 3-0-3**

Random variables, density functions, mathematical expectation, discrete and continuous distributions, moments and moment-generating functions and limiting distributions. Prerequisite(s): MATH 2242 and MATH 3337.

**STAT 7332****Mathematical Statistics II: 3-0-3**

Rigorous introduction/development of interval estimation, test of significance, comparison of "k" means, randomized block design, multiple comparison procedures, nonparametric test and linear regression. The general linear model will be introduced. Prerequisite(s): STAT 7331.

**STAT 7430****Actuarial Mathematics: 3-0-3**

Survival distributions and life tables, life insurance, life annuities, net premiums, multiple life functions, multiple decrement models, valuation theory for pension plans, collective risk models, population theory and theory of pension funding. Prerequisite(s): STAT 7331.

**STAT 7432****Applied Stochastic Processes: 3-0-3**

Poisson process, renewal theory, Markov chains, Brownian motion, random walks and Martingales and stochastic order relations. Prerequisite(s): STAT 7331.

**STAT 7434****Applied Time Series Analysis: 3-0-3**

Basic ideas of stochastic model building techniques with applications are discussed. Properties of the autocorrelation function and the spectrum of stationary processes are investigated. Models studied include the linear stationary ARMA and linear nonstationary ARIMA models along with forecasting models. Prerequisite(s): STAT 7331.

**STAT 7436****Reliability Analysis: 3-0-3**

Probabilistic models for the reliability of coherent systems, statistical models for lifetimes of components and repairable systems, including the nonhomogeneous Poisson process, reliability estimation and prediction, MIL standards and accelerated life testing. Prerequisite(s): STAT 7331.

**STAT 7530****Statistical Computing I: 3-0-3**

Basic computer organization and computer arithmetic are investigated. Programming languages and statistical software packages are explored. Methods for approximating cumulative distribution function and percentage points of a probability distribution are studied including nonparametric procedures. Multiple comparison procedures are also examined. Random number generation and statistical tests for testing random number generators are explored. Prerequisite(s): STAT 7331.

**STAT 7532****Statistical Computing II: 3-0-3**

Various computational methods in linear algebra as applied to such statistical methods as multiple linear regression, designed experiments, multivariate analysis and the general linear model. Further topics include computational methods for unconstrained optimization, nonlinear regression and model fitting based on criteria other than least squares. Prerequisite(s): STAT 5532 and STAT 7331.

**STAT 7890****Directed Study in Statistics: (1-3)-(0-2)-(1-3)**

Directed study under faculty supervision. Prerequisite(s): Permission of instructor and department chair.

**STAT 7895****Research: 0-0-1**

Graduate students will conduct a program of independent research under the direction of a thesis advisor or an advisory committee on a topic in Statistics. Results of the research will be presented as a thesis in MATH 7999 for partial fulfillment of the requirement of the Master of Science Degree in Mathematics with an emphasis in Statistics.

**STAT 7899****Research Project in Statistics: (1-6)-(0-4)-(1-6)**

Research project addressed toward a real world problem. Prerequisite(s): Permission of project advisor and department chair.

**General Technology (CEIT)****TMAE 7532****Global Technology: 3-0-3**

An examination of the developments in engineering, technology, and industry worldwide and the effects upon international relations.

**Electrical Engineering Technology (CEIT)****TEET 5238G****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, TMAE 5132, TMAE 5132G, or permission of program coordinator.

**TEET 5245G****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 5340G****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 5531G****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 5542G****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.

**Technology Fort Gordon (COSM)****TFG 7531****Telecommunication Systems: 3-0-3**

This course will provide students the ability to design a secure voice and data network for subscribers. A systems approach will be used to study telecommunications networks for the understanding of the function of individual components and subsystems. Attention will be given to the theory of different existing and emerging technologies. Students will receive an overview of public and private telecommunications systems, fundamentals of traffic engineering, switching, transmission, and signaling. Emphasis will be placed on the function of discrete components as well as complete systems. Prerequisite(s): Admission to Fort Gordon Cooperative Educational Degree Program.

**TFG 7532****Network Operations and Management: 3-0-3**

This course examines the management tools and software applications needed to manage the variety of local and wide area networks. The course will address data communication devices, telecommunication devices, simple network management protocol, remote monitoring, telecommunication management, and network operation and security. Prerequisite(s): Admission to Fort Gordon Cooperative Educational Degree Program.

**TFG 7533****Network Security: 3-0-3**

This course provides an in-depth study of network Security. Students will gain a respect for the threats and vulnerabilities facing U.S. voice and data networks and learn how networks are protected through organizational policy, software application, methodologies, and equipment. Topics discussed are: cryptography, Public Key Infrastructure (PKI), Internet Protocol Security (IPSEC), IP and bulk encryption, firewalls, intrusion detection systems, Certification and accreditation processes. Prerequisite(s): Admission to Fort Gordon Cooperative Educational Degree Program.

**TFG 7534****Network Design: 3-0-3**

This course examines a structured, systematic, top-down process to design telecommunications networks. Some specific objectives are: students will understand the structured network design process, the logical and physical design process for access, distribution and core networks and the planning processes for host/network security and management. Prerequisite(s): Admission to Fort Gordon Cooperative Educational Degree Program.

**Graduate Engineering Technology (CEIT)****TGET 7134****Construction Planning and Administration: 3-0-3**

An in-depth treatment of the process of developing capital construction projects from the point of conception through the preliminary planning and budgeting to final design, contract or selection, and finished construction of the desired end product.

**Theatre (CLASS)****THEA 5530G****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 5531G****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 5131G****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 5132G****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 5133G****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 5134G****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): TMAE 3431.

#### **TMAE 5139G**

##### **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 5890G**

##### **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.

#### **TMAE 7136**

##### **Mechatronics I: 2-3-3**

This course is designed to build a working familiarity with the electronics and techniques needed in the design and control of electro-mechanical systems. The topics in this course include integrated use of mechanical, electrical, and computer systems for control of machines and devices, system modeling, sensors and actuators, basic electronics design, signal processing, grounding, and interfacing techniques. Prerequisite(s): TMAE 5131 and TMAE 5132 or permission of instructor.

#### **TMAE 7137**

##### **Mechatronics II: 2-3-3**

This course is designed to provide further fundamental information to understand the fusion of mechanical engineering, electrical engineering, and computer data acquisition/programming and their relationship to the field of Mechatronics. This course emphasizes the interfacing of microcomputers with sensors and actuators, hybrid (analog/digital) design, digital logic and analog circuitry, micro-computer architecture, assembly language programming, signal conditioning, filters, analog-to-digital and digital-to-analog conversion, and the interface of data acquisition systems with the control process. Prerequisite(s): A minimum grade of "C" in TMAE 7136 or permission of instructor.

#### **TMAE/MATH 7237**

##### **Mathematical Control Theory: 3-0-3**

State-space techniques from modern control system theory. Topics include realization theory for MIMO systems, state-space techniques for feedback control, closed loop observer design, and state-space techniques in optimal control. Prerequisite(s): A minimum grade of "C" in MATH 3230 and MATH 5336G.

#### **TMAE 7430**

##### **Industrial Case Study Analysis: 3-0-3**

The systems approach and case study format are utilized for the resolution of current technical management problems of various industries. Problem solving methods are presented, discussed, and utilized in student activities.

#### **TMAE 7431**

##### **Advanced Quality Control: 3-0-3**

A study of modern philosophies, methodologies, and technologies for quality control and improvement with emphasis on total quality management, statistical process control, quality improvement methods and acceptance sampling.

#### **TMAE 7432**

##### **Advanced Engineering Economy: 3-0-3**

Consideration of probability and risk effects on estimates, selection of the minimum, attractive rate of return, capital rationing, among competing projects and economic analysis in government.

#### **TMAE 7433**

##### **Facilities Planning: 3-0-3**

An organized approach for planning a facility that achieves facilities location and design objectives, including how the activity's tangible assets best support achieving the activity's objectives. It is a composite of facilities location and facilities design with the approach based on the engineering design process. Techniques can be applied equally for non-manufacturing applications.

#### **TMAE 7434**

##### **Product Lifecycle Analysis: 3-0-3**

This course will provide a holistic overview of the product lifecycle starting with idea conceptualization and ending with environment conscious product disposal. The cradle to cradle design concept will be emphasized throughout this course. A related area of emphasis will be product demand forecasting and facilities design. Several aspects such as design review, Quality Function Deployment, trend extrapolation, statistical techniques, product functionality and usability will also be included. Prerequisite(s): A minimum grade of "C" in TMAE 7431.

#### **TMAE 7435**

##### **Manufacturing Systems Analysis: 3-0-3**

A study of the analysis of manufacturing systems, systems analysis and problem solving in manufacturing. The tools of systems analysis will be used to formulate the real problems of manufacturing, identify where computer systems can help, and solve challenging manufacturing systems problems.

#### **TMAE 7530**

##### **Research in Applied Engineering: 3-0-3**

A study of modern research methods and their application to the preparation of the thesis and technical reports.

#### **TMAE 7531**

##### **Technical Management and Leadership: 3-0-3**

A study in the application of modern technical management and leadership principles in the Engineering and Information Technology disciplines. The course focuses on the process of obtaining, deploying, and utilizing a variety of essential resources that contribute to the effective and efficient operation of technical organizations in dynamic and competitive environments.

#### **TMAE 7532**

##### **Global Technology: 3-0-3**

An examination of the developments in engineering, technology, and industry worldwide and the effects upon international relations.

#### **TMAE 7890/7890S**

##### **Selected Topics in Applied Engineering: 3-0-3**

This course is scheduled on an infrequent basis to explore special areas of applied engineering.

#### **TMAE 7891**

##### **Independent Study: (1-3)-(1-3)-(1-3)**

Independent study is available for students to undertake individualized experimentation, research, study related to applied engineering, or a capstone project. The specific topic will be approved by a faculty member in the program, and credit will be assigned commensurate with the magnitude of the study.

#### **TMAE 7895**

##### **Special Problems in Applied Engineering: 0-(1-3)-(1-3)**

Individual and specialized study in the areas of applied engineering not otherwise covered in the program. Students must submit a proposal of the special problem for approval by the faculty member of record. Credit will be assigned commensurate with the magnitude of the study.

**TMAE 7999****Thesis: 0-0-(1-6)**

This course focuses on the preparation and completion of the thesis.

**Mechanical Engineering Technology (CEIT)****TMET 5133G****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 5134G****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 5136G****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 5137G****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 5234G****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 5431G****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 5133G****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 5230G****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 5233G****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.

**TMAE 7531****Technical Management and Leadership: 3-0-3**

A study in the application of modern technical management and leadership principles in the Engineering and Information Technology disciplines. The course focuses on the process of obtaining, deploying, and utilizing a variety of essential resources that contribute to the effective and efficient operation of technical organizations in dynamic and competitive environments.

**Safety and Environmental Technology (COSM)****TSEC 5331G****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 5332G****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 5333G****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 5334G****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 5335G****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 5336G****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.

**Web Business (COBA)****WBUS 7839****Special Topics in Business: 0-0-3**

This course is designed to offer students an opportunity to pursue studies at a level or on topics not covered in existing graduate courses. The scope and nature of the material is determined in consultation with the faculty sponsor. Prerequisite(s): Admission to the WEBMAcc program and permission of the Director. Corequisite(s): Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

**Women's and Gender Studies (Interdisciplinary)****WGST 5131G****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 5331G****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/AAST/ENGL 5539G****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 5633G****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.

**WGST/ENGL 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.

**WGST 7431****Independent Study in Women's and Gender Studies: 3-0-3**

Individually designed topics that vary according to the instructor. Prerequisite(s): Permission of instructor is required.

**Web Legal Studies (COBA)****WLST 7130****Legal and Ethical Issues in Business: 0-0-3**

A survey of the legal and ethical rules which govern the managerial decision making process, particularly focusing on constitutional "Commerce Clause" interpretation, contract and agency principles, administrative agency regulations, and evolving ethical issues which influence the application of the law. The course is set in domestic law, but includes operational legal aspects of the international market place. Prerequisite(s): Admission to the WEBMAcc program. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

**WLST 7230****Current Legal Issues: 0-0-3**

This class will focus on current legal issues in accounting, business and ethics. Prerequisite(s): A minimum grade of "C" in LSTD 2106 or LSTD 6130. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

**Web Accounting (COBA)****WMAC 7130****Seminar in Financial Accounting: 0-0-3**

A study of business combinations, consolidation of financial statements of affiliated companies, multinational operations, foreign currency transactions, translation of foreign currency financial statements, reporting disaggregated information, and interim financial statements. Prerequisite(s): A minimum grade of "C" in ACCT 4133 and admission to the WEBMAcc program.

**WMAC 7132****Theory of Accounting: 0-0-3**

A study of historical and contemporary developments of accounting theory, policy, and reporting procedures. The objectives of financial reporting are reviewed within the conceptual framework of accounting and the accounting standard setting process. Particular emphasis is placed on financial accounting theory formulation and the application of accounting theory to selected contemporary issues. Prerequisite(s): Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7134**

##### **Financial Reporting and Analysis: 0-0-3**

This course focuses on the interpretation of financial statement information for decision making. Topics include understanding the importance of industry context and the firm's own strategic choices in evaluating the financial statement; assessing the quality of financial statement information and recognizing situations where more stringent forensic accounting measures might be appropriate; evaluating profitability and risk; associating subsets of the available analytical tools with the kinds of decisions for which they are most appropriate; and recognizing the effects of GAAP on the input variables of various firm valuation models. Includes coverage of recent relevant legislation and pronouncements of the FASB, SEC, and IASB. Prerequisite(s): Admission to the WEBMAcc program. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7330**

##### **Taxation of Corporations and Partnerships: 0-0-3**

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. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7331**

##### **Taxation of Estates, Gifts, and Trusts: 0-0-3**

This course covers transfers pursuant to estates and gifts as well as the taxation of both simple and complex trusts and estates. Prerequisite(s): A minimum grade of "C" in ACCT 3330 and admission to the WEBMAcc program. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7332**

##### **Advanced Tax Planning: 0-0-3**

This course covers advanced tax topics such as tax-free exchanges, including like-kind exchanges, involuntary conversions, exchanges pursuant to corporate reorganizations, mergers and acquisitions, as well as deferred compensation. Prerequisite(s): A minimum grade of "C" in ACCT 7330. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7334**

##### **Tax Research: 0-0-3**

Application of research techniques to income tax and other tax planning; case studies and reports. This course provides the student with the opportunity to analyze, critique, and do practical tax research. Emphasis is placed on research methodology rather than on technical or legal knowledge of the tax law. Prerequisite(s): A minimum grade of "C" in ACCT 3330. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7430**

##### **Seminar in Auditing: 0-0-3**

Advanced topics in independent, internal, and governmental auditing. Prerequisite(s): A minimum grade of "C" in ACCT 4430. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7431**

##### **Auditing Practice: 0-0-3**

Practical and theoretical components are considered related to auditing topics including auditing in the computer environment, conduction auditing research, and report writing. Prerequisite(s): A minimum grade of "C" in ACCT 4133. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7530**

##### **Seminar in Accounting Information Systems: 0-0-3**

Develops an understanding and appreciation for the design, analysis, development, and implementation of computer-based accounting information systems with an emphasis of control and management issues of this accounting function. Practical application will be examined through computer projects and systems' cases. Prerequisite(s): A minimum grade of "C" in ACCT 4130. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7634**

##### **Fraudulent Financial Reporting: 0-0-3**

While asset theft fraud is well covered in the two fraud examination course, training in financial statement fraud is needed due to the technical nature of accounting and reporting standards. This course demonstrates how financial statement analysis can be used to uncover fraudulent financial reporting. In addition, the most common methods for "cooking the books" will be examined along with strategies for detecting and investigating such schemes. Prerequisite(s): A minimum grade of "C" in ACCT 4133. Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7638**

##### **Business Valuation: 0-0-3**

This class focuses on determining the fair values of individual tangible and intangible assets as well as the overall value of a business and includes calculating fair values for financial reporting. The three valuation approaches (Market Approach, Income Approach, and Asset Approach) are covered in depth along with the professional standards, developing the cost of capital, and applying valuation adjustments (discounts and premiums). Prerequisite(s): Open to WEBMAcc students only. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

#### **WMAC 7839**

##### **Special Topics in Accounting: 0-0-3**

This course is designed to offer students an opportunity to pursue studies at a level or on topics not covered in existing graduate courses. The scope and nature of the material is determined in consultation with the faculty sponsor. Prerequisite(s): Open to WEBMAcc students only or permission of Director. This course cannot be used to satisfy the requirements of the MAcc degree or the MAcc degree with a Forensic Concentration.

### **WebMBA Consortium (COBA)**

#### **WMBA 6000**

##### **Human Behavior in Organizations: 3-0-3**

This course provides an overview of existing theories and models of human behavior in organizations. Using readings, cases, discussion, and guest speakers, the course explains the importance of leadership, motivation, power and influence in organizational life. Special emphasis is placed on leadership for change. Prerequisite(s): Completion of WebMBA Prerequisite Cycle.

#### **WMBA 6010**

##### **Managerial Accounting: 3-0-3**

A study of management accounting and control information. This course shows to make pricing and product mix decisions, how to improve existing activities and processes, how to measure performance in decentralized



operating units, and how to align organizational activities with long-term strategic objectives, both in a domestic and international setting. Prerequisite(s): Completion of WebMBA Prerequisite Cycle.

**WMBA 6020****Managerial Communications: 3-0-3**

This course is designed to meet the needs of the practicing manager. Included are the communications carried out by managers in organizations, the organizational and human variables which influence these communications, and the management of information systems. Communication styles of managers from different cultures are discussed. Prerequisite(s): Completion of WebMBA Prerequisite Cycle.

**WMBA 6030****Global and International Business: 3-0-3**

This course presents fundamental considerations for managers of international trade operations. This course is designed to provide graduate level skills in the management functions of global strategic planning, international organizing, leading expatriates and diverse cultures, and controlling the global organization. Prerequisite(s): Completion of WebMBA Prerequisite Cycle.

**WMBA 6040****Managerial Decision Analysis: 3-0-3**

This course is designed to expose students to the types of decision making situations they will face as managers. It will introduce students to advanced quantitative concepts and state-of-the-art techniques. By the end of the course students will be expected to be able to analyze a problem statement, develop alternative solution procedures, and select the one that most successful solutions to business problems require the ability to integrate concepts from non-quantitative fields with the quantitative results. Prerequisite(s): Completion of WebMBA Prerequisite Cycle.

**WMBA 6050****Strategic Marketing: 3-0-3**

A strategy planning approach to marketing management from conception and application perspectives. Focus is on the strategic decision-making process supported by self-analysis and external analysis. Legal, ethical, and international aspects are also considered. Prerequisite(s): Completion of WebMBA Prerequisite Cycle.

**WMBA 6060****Managerial Finance: 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): Completion of WebMBA Prerequisite Cycle.

**WMBA 6070****Entrepreneurship-New Venture Analysis: 3-0-3**

A study of the business formation process which focuses on the creativity, risk-taking, and planning associated with new ventures. The course will provide information on the entrepreneurial process starting with idea generation, idea development, feasibility analysis, resource identification, and concluding with the development of a coherent business plan. Prerequisite(s): Completion of WebMBA Prerequisite Cycle.

**WMBA 6080****Management Information Systems: 3-0-3**

This course focuses on information technology and systems from a general management perspective. Topics of discussion include the management of the systems development process, the organizational cycle of information, technology planning, evaluation, selection, and strategic uses of information technology. Prerequisite(s): Completion of WebMBA Prerequisite Cycle.

**WMBA 6090****Information Technology Management (ERP): 3-0-3**

This course is designed to enable the manager to effectively explore and evaluate new technologies in an applied business environment. The course focuses on the evaluation, selection, implementation process, and use of advanced ERP systems, i.e. SAP R/3. This course will concentrate on the managerial, not the technical aspects, of information technology

management. The use of relevant readings and cases are used to apply the concepts and techniques presented in the course. The course will offer the rewards for the successful implementation. Prerequisite(s): Completion of WebMBA Prerequisite Cycle.

**WMBA 6100****Production Operations Management: 3-0-3**

This course is designed to provide an understanding of the production/operations function within an organization. It will focus on the types of decisions to be made at various organizational levels and where appropriate, on particular models and quantitative techniques that can be useful in making those decisions. Emphasis will be placed on how those decisions are interrelated and on their strategic implications for the firm. Finally, it will consider how the operations function fits in with other functional areas of the firm. Prerequisite(s): Completion of WebMBA Prerequisite Cycle.

**WMBA 6110****Business Strategy: 3-0-3**

This course focuses on global strategic management and encourages the analysis and development of business strategies within a global environment. Prerequisite(s): Completion of WebMBA Prerequisite Cycle and completion of WMBA 6010, WMBA 6050, and WMBA 6060.

**Writing (CLASS)****WRIT 5030G****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 5130G****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 5330G****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 5430G****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 5530G****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 5531G****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 4130 or permission of instructor.

**WRIT 5540G****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 5550G****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 level standing.

**WRIT 5632G****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 level standing.

**WRIT/WGST 5633G****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.

**WRIT 5650G****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. Prerequisite(s): Undergraduate Prerequisite(s): A minimum grade of "C" in ENGL 1102 or ENGL 1160. Graduate Prerequisite(s): Admission to graduate standing.

**WRIT 5930G****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.

**WRIT 7260****Writing Project: 6-0-6**

The intensive teachers-teaching-teachers course, based on the Bay Area Writing Project, incorporates teaching of writing, researching learning methods/theories, personal writing, and presenting workshops using writing-to-learn activities. Collaborative and individual exercises will emphasize writing across the curriculum, which supports required student learning outcomes. Because the content (readings, activities, workshops) changes each year, this invitational institute can be taken more than once. Prerequisite(s): Minimum 3 years teaching experience preferred, unless site director approves less experience; recommendation of College of Education advisor, Writing Project Consultant, or school administrator. Selection approval by Writing Project Director. This is an invitation-only course designed for teachers in any discipline and grade level. Participants must be Georgia state residents.

# 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\*

George Hooks, Americus

District  
(State-at-Large)

Term Ends  
2016

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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
Philip 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)

**NATHANIEL C. ALEXANDER, Professor Emeritus of Teaching and Learning**

B.S., Clemson Agricultural College, 1966;  
M.Ed., North Carolina State University, 1970;  
Ed.D., North Carolina State University, 1974. (1990)

**\*MOYA L. ALFONSO, Assistant Professor of Public Health**

B.A., University of South Florida, 1997;  
M.S.P.H., University of South Florida, 2000;  
Ph.D., University of South Florida, 2007. (2010)

**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;  
M.A., East Texas State University-Commerce, 1991;  
Ph.D., Bowling Green State University, 1995. (2008)

**ALAN ALTANY, Director, Teaching and Learning Initiatives, and Adjunct Professor**

B.A., St. John's University, 1976;  
M.A., St. John's University, 1977;  
Ph.D., University of Pittsburgh, 1987. (2006)

**\*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;  
Ph.D., The Ohio State University, 1998. (1998)

**\*WILLIAM A. AMPONSAH, Assistant Professor of Economics**

B.S., Berea College, 1984;  
M.S., University of Kentucky, 1986;  
Ph.D., The Ohio State University, 1991. (2006)

**\*LORI E. AMY, 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)

**CRAIG MICHAEL ANDERSON, Adjunct Assistant Professor of Military Science**

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;  
M.P.H., Georgia Southern University, 2004. (2004)

**DMITRY APANASKEVICH, Assistant Curator, U.S. National Tick Collection, and Associate Professor of Biology**

B.B., Saint Petersburg State University, 1998;  
M.B., Saint Petersburg State University, 2000;  
Ph.D., Russian Academy of Sciences, 2004. (2006)

**BRIAN N. APPLE, Adjunct Assistant Professor of Psychology**

B.A., Syracuse University, 1994;  
J.D., University of Baltimore, 1998;  
M.S., Nova Southeastern University, 2005;  
Psy.D., Nova Southeastern University, 2008. (2011)

**JOHN ARD, Lecturer of Library Science**

B.A., Georgia Southern College, 1989;  
M.L.I.S., University of South Carolina, 2000. (2009)

**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;  
Ph.D., Clemson University, 2010. (2010)

**PRANOTI M. ASHER, Adjunct Professor of Geology**

B.S., University of Bombay, 1984;  
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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/>.