

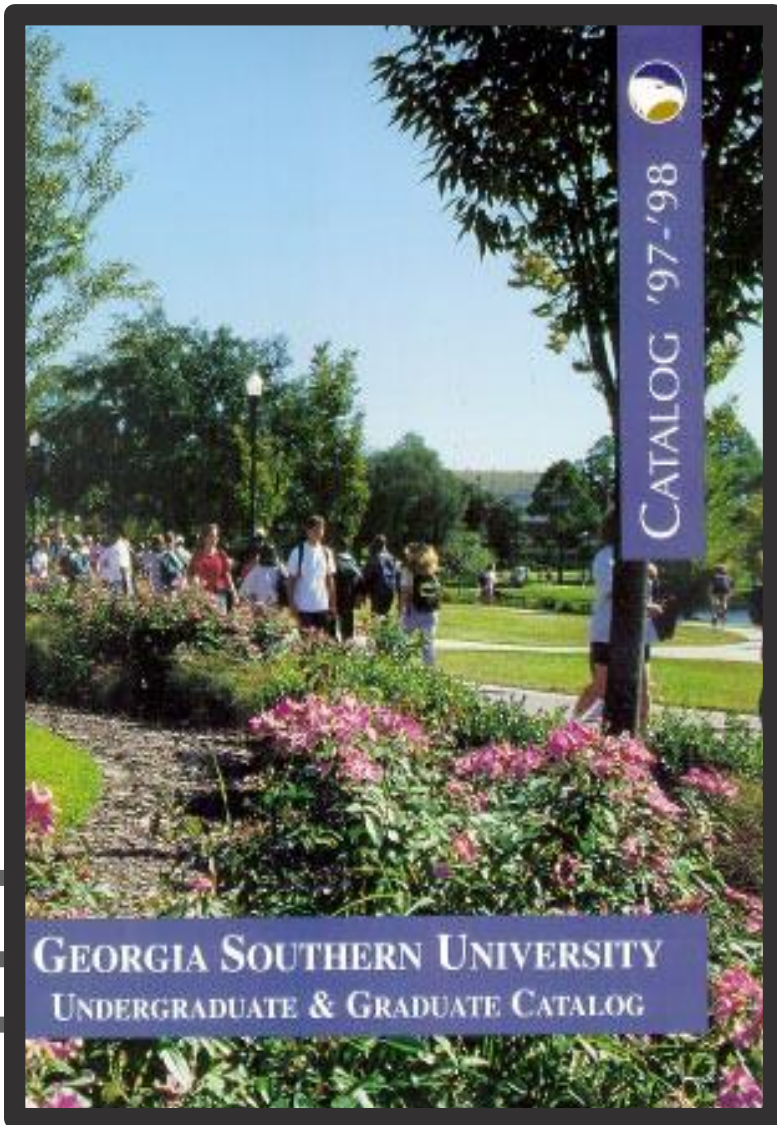
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Georgia Southern University

1997-98 Undergraduate & Graduate Catalog

CollegeSource

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GEORGIA SOUTHERN UNIVERSITY
Statesboro, Georgia 30460
General Information: (912) 681-5611
World Wide Web: <http://www.gasou.edu>

How to Use This Catalog

This year's *General Catalog* offers a new format designed for accessibility and clarity as an academic reference guide for both graduate and undergraduate students. Highlights include alphabetized course descriptions in one section, consistently presented degree requirements by college, and a table that illustrates subject areas in which we offer degrees, majors, minors, teacher certification, and/or emphases. An improved index should make it easier to find answers to specific questions. We plan to offer this *Catalog* on the World Wide Web via the University's home page, <www.gasou.edu>.

Since this will be the last *Catalog* under the quarter system, students should work closely with their advisors in selecting courses this year. Conversion to semester system takes place in Fall 1998; questions about how courses and hours will convert should be directed to advisors or to the Registrar's Office. The Board of Regents has designated Fall of 1998 as the time when all University System institutions, with the exception of Georgia Tech, will convert to the semester system. Students who plan to be enrolled Fall 1998 and later should consult with their academic advisor concerning how the semester conversion may affect them. Such students may also want to refer to semester equivalency charts for all degree programs which are available in departmental offices, in the academic advisement centers and in notebooks for each college at the reserve desk in the Henderson Library. Core curriculum equivalencies are available via the Internet <www.firstyear.gasou.edu/sems/sems.html>.

If you have suggestions for improving this *Catalog*, please call Donald Avery, Assistant Registrar, at 871-1497, or write to him at P.O. Box 8092, Statesboro, GA 30460. Corrections may be sent electronically to Jody Smith at <regjs73@gsvms1.cc.gasou.edu>.

Equal Opportunity Policy Statement

It continues to be the policy of Georgia Southern University to implement affirmative equal opportunity to all employees, students, and applicants for employment or admission without regard to race, color, gender, sexual orientation, 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 *Dr. Larry Taylor, Director of the Office of Affirmative Action, at (912) 681-5136, 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 ADA Compliance Officer, Dr. Larry Taylor, at (912) 681-5136, TDD (912) 681-0273, or SDRC Director Wayne Akins at (912) 871-1566, TDD (912) 681-0666.

GEORGIA SOUTHERN UNIVERSITY

UNDERGRADUATE AND GRADUATE CATALOG

1997-1998

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 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 Registrar's Office. 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 degrees.

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University Calendar 1997-98

FALL QUARTER 1997

June	15	Deadline for Fall Quarter International Graduate Student Application
August	1	Deadline for Fall Quarter Undergraduate Application
September	1	Deadline for Fall Quarter Graduate Application
September	5	Early Registration Fee Payment Deadline for Fall Quarter 1997
September	8	Academic year begins
September	8	Deans, Directors, and Department Chairs Meeting, 9:00 a.m.
September	9	Admissions Committee Meeting, 2:00 p.m.
September	11	New Faculty Orientation and Workshop 8:30 a.m.- 4:00 p.m.
September	12	Faculty Meetings by Colleges: College of Liberal Arts and Social Sciences, 9:00 a.m. College of Business Administration, 9:00 a.m. College of Education, 9:00 a.m. College of Health and Professional Studies, 9:00 a.m. Allen E. Paulson College of Science and Technology, 9:00 a.m.
September	12	General Faculty Meeting, 4:00 p.m. - 6:00 p.m.
September	12	Undergraduate Evening Studies Final Registration, 5:00-6:00 p.m.
September	13	Residence Hall check-in between 8:30 a.m. and 5:00 p.m.
September	15	New Student Registration, 9:00 a.m.
September	15	Admissions Committee Meeting, 2:00 p.m.
September	16	Graduate Registration in Savannah, 4:00 - 7:00 p.m. (pre-registration by mail)
September	16	Final Registration for Former Students, 10:30 a.m. - 6:00 p.m.
September	17	Brunswick Graduate Registration, 4:00-6:00 p.m. (pre-registration by mail)
September	17	Drop/Add, 8:00 a.m. - 4:00 p.m.
September	18	Classes begin
September	18-19,22	Schedule Adjustment, Fall Quarter 1997
September	18	Final date for filing Application for Graduation in Registrar's Office for completing degree requirements
September	19	Admissions Committee Meeting, 9:00 a.m.
September	23	\$50 Late Registration Fee Begins
October	1	Deadline for Winter Quarter International Graduate Student Application
October	2	Deadline for M.Ed. students to register to take the comprehensive examination during fall quarter
October	17	Deadline for filing former student application to be eligible for early registration for Winter Quarter
October	17	Final date for Ed.D. Dissertation Defense
October	25	Comprehensive Examination for M.Ed. students
October	27	Last day to withdraw without academic penalty from regular day classes
October	28	Admissions Committee Meeting, 2:00 p.m.
October	29	Early Registration for Undergraduate Evening Studies classes, Winter Quarter 1998, 5:00 - 6:00 p.m.
October	29 -	Early Registration for Winter Quarter 1998
November	17	
November	7	Deadline to submit corrected Final Dissertation copy to the Office of the Associate VP for AA and Dean of Graduate Studies for Final review
November	8	Homecoming
November	12	For Graduate Candidates, One Copy of Completed Thesis Due in the Office of the Assoc VP for AA and Dean of Graduate Studies (By Appointment)
November	15	Deadline for Winter Quarter 1998 Graduate Application
November	17	For Graduate Candidates, Final Date for Holding Comprehensive Examinations
November	25	Residence Halls close at 6:00 p.m.
November	26-28	Thanksgiving Holiday (Wednesday through Friday)
November	26-28	Administrative offices will be closed
November	28	Deadline to submit Final Dissertation copy to the Office of the Assoc VP for AA and Dean of Graduate Studies
November	30	Residence Halls open at 1:00 p.m.
December	1	Deadline for Winter Quarter Undergraduate Application
December	1	Last Day of Classes
December	1	Final Exam for Monday evening classes
December	2	Final Exam for Tuesday evening classes and Tuesday/Thursday evening classes

December	2-5	Examinations for Regular Day Classes (See Exam Schedule in Fall Quarter Schedule of Classes)
December	3	Final Exam for Wednesday evening classes and Monday/Wednesday evening classes
December	4	Final Exam for Thursday evening classes
December	5	Deadline to Submit Final Approved Dissertation to the Office of the Assoc VP for AA and Dean of Graduate Studies (8 copies)
December	5	Deadline to Submit Dissertation Abstract Plus One Copy of Signed Dissertation Title Page in the Office of the Assoc VP for AA and Dean of Graduate Studies
December	6	Residence Halls close at 10:00 a.m., except for graduating students
December	7	Graduation
December	8	Holidays for students begin
December	12	Early Registration Fee Payment Deadline for Winter Quarter
December	15	Deadline for Spring Quarter International Student Graduate Application for Admission
December	22-26	Administrative offices will be closed

WINTER QUARTER 1998

January	1	Administrative Offices will be closed
January	2	Graduate Registration in Savannah, 4:00 - 7:00 p.m.
January	4	Residence Halls check in 1:00 p.m.
January	5	Brunswick Graduate Registration, 4:00-6:00 p.m.
January	5	Admissions Committee Meeting, 2:00 p.m.
January	5	New Student Orientation and Advisement, Russell Union. Check-in begins at 7:30 a.m. and Program begins at 8:30 a.m.
January	5	New Student Registration, 11:00 a.m.
January	5	Final Registration for Former Students, 1:00 p.m. - 6:00 p.m.
January	6	Drop/Add 8:00 a.m. - 4:00 p.m.
January	7	Admissions Committee Meeting, 9:00 a.m.
January	7	Classes begin
January	7	Final date for filing Application for Graduation in Registrar's Office for completing degree requirements Winter Quarter
January	7-9	Schedule Adjustment, Winter Quarter
January	8	Admissions Committee Meeting, 9:00 a.m.
January	12	\$50 Late Registration Fee Begins
January	15	Deadline for M.Ed. students to register to take the comprehensive examination during Winter Quarter
January	19	Holiday—Martin Luther King's Birthday Observed
January	30	Deadline for filing former student application to be eligible for early registration Spring Quarter
January	31	Application for Student Teaching 1998-99
February	7	Comprehensive Examination for M.Ed. students
February	11	Early Registration for Undergraduate Evening Studies classes Spring Quarter 1998, 5:00-6:00 p.m.
February	11-	Early Registration for Spring Quarter
March	10	
February	14-15	Parents' Weekend
February	15	Deadline for Spring Quarter Graduate Application for Admission
February	16	Last day to withdraw without academic penalty from regular day classes
February	17	Admissions Committee Meeting, 2:00 p.m.
February	23	For Graduate Candidates, one copy of completed Thesis due in the Office of the Assoc VP for AA and Dean of Graduate Studies (by appointment)
March	1	Deadline for Spring Quarter Undergraduate Application
March	2	For Graduate Candidates, Final Date for Holding Comprehensive Examinations
March	15	Deadline for Summer Quarter International Graduate Student Application for Admission
March	16	Final Exam for Monday evening classes at 6:00 p.m.
March	17	Last day of classes
March	17	Final Exam for Tuesday evening classes
March	18	Final Exam for Wednesday and Monday/Wednesday evening classes
March	18-21	Examinations for Regular Day Classes (See Exam Schedule in Winter Quarter Schedule of Classes)
March	19	Final Exam for Thursday evening classes and Tuesday/Thursday evening classes
March	20	Early Registration Fee Payment Deadline for Spring Quarter 1998
March	22	Residence Halls close at 10:00 a.m.
March	23	Holidays for students begin

SPRING QUARTER 1998

March	15	Deadline for Summer Quarter International Graduate Student Application
March	25	Graduate registration in Savannah, 4:00-7:00 p.m.
March	29	Residence Halls open at 1:00 p.m.
March	30	Admissions Committee Meeting, 2:00 p.m.
March	30	New Student Orientation and Advisement, Russell Union. Check-in begins at 7:30 a.m. and Program begins at 8:30 a.m.
March	30	New Student Registration, 11:00 a.m.
March	30	Final Registration for Former Students, 1:00 p.m. - 6:00 p.m.
March	31	Brunswick Graduate Registration, 4:00-6:00 p.m.
March	31	Drop/Add
March	31	Admissions Committee meeting, 2:00 a.m.
April	1	Classes begin
April	1-3	Schedule Adjustment, Spring Quarter 1998
April	2	Admissions Committee Meeting, 9:00 a.m.
April	6	\$50 Late Registration Fee Begins
April	8	Deadline for M.Ed. students to register to take the comprehensive examination during spring quarter
April	10	Deadline for filing former student application to be eligible for early registration Summer Quarter
April	20	Early Registration for Undergraduate Evening Studies classes for Summer Quarter, 5:00-6:00 p.m.
April	20 -	Early Registration for Summer Quarter 1998
May	1	
April	24	Deadline for filing former student application to be eligible for early registration Fall Quarter
April	24	Final Date for Ed.D. Dissertation Defense
May	1	Deadline for Summer Quarter Graduate Application
May	2	Comprehensive Examination for M.Ed. students
May	6	Honors Day (8:00 and 9:00 classes will be canceled)
May	6	Early Registration for Undergraduate Evening Studies classes for Fall Quarter, 5:00-6:00 p.m.
May	6 -	Early Registration for Fall Quarter 1998
June	6	
May	8	Last day to withdraw without academic penalty from regular day classes
May	8	Deadline to Submit Corrected Final Dissertation Copy to the Office of the Assoc VP for AA and Dean of Graduate Studies
May	11	Admissions Committee Meeting, 2:00 p.m.
May	15	For Graduate Candidates, One Copy of Completed Thesis due in the Office of the Assoc VP for AA and Dean of Graduate Studies (By Appointment)
May	22	For Graduate Candidates Final Date for Holding Comprehensive Examinations
May	29	Deadline to Submit Final Dissertation Copy to the Office of the Assoc VP for AA and Dean of Graduate Studies
June	1	Deadline for Summer Quarter Undergraduate Application
June	5	Deadline to Submit Final Approved Dissertation to the Office of the Assoc VP for AA and Dean of Graduate Studies (8 copies)
June	5	Deadline to Submit Dissertation Abstract Plus One Copy of Signed Dissertation Title Page to the Office of the Assoc VP for AA and Dean of Graduate Studies
June	5	Last day of classes
June	8	Final Exam for Monday evening classes
June	8-11	Examinations for Regular Day Classes (See Exam Schedule in Spring Quarter Schedule of Classes)
June	9	Final Exam for Tuesday evening classes
June	10	Final Exam for Wednesday evening classes and Monday/Wednesday evening classes
June	11	Final Exam for Thursday evening classes and Tuesday/Thursday evening classes
June	12	Early Registration Fee Payment Deadline for Summer Quarter 1998
June	12	Residence Halls close at 10:00 a.m. except for graduating students
June	12	Final Date for Ed.D. Dissertation Defense for Summer Graduates
June	13-14	Graduation

SUMMER QUARTER 1998

June	12	Final Date for Dissertation Defense (Summer Commencement)
June	12	Brunswick Graduate Registration 4:00-6:00 p.m.
June	16	Deadline for M.Ed. students to register to take the comprehensive examination during Summer Quarter
June	15	Deadline for Fall Quarter International Graduate Student Application
June	16	Graduate Registration in Savannah, 4:00 - 7:00 p.m. (pre-registration by mail)
June	22	Admissions Committee Meeting, 10:00 a.m.
June	21	Residence Halls open at 1:00 p.m.
June	22	New Student Orientation and Advisement, Russell Union. Check-in begins at 7:30 a.m. and Program begins at 8:30 a.m.
June	22	New Student Registration, 11:00 a.m.
June	22	Final Registration for Former Students, 1:00 p.m. - 6:00 p.m.
June	23	Classes Begin
June	23	Drop/Add
June	23	Admissions Committee Meeting, 10:00 a.m.
June	23	Final date for filing application in Registrar's Office for degree, August graduation
June	24	Admissions Committee Meeting, 9:00 a.m.
June	24-25	Schedule Adjustment
June	26	\$50 Late Registration Fee Begins
June	26	Deadline to Submit Corrected Final Dissertation Copy to the Office of the Assoc VP for AA and Dean of Graduate Studies
July	3	Holiday—Independence Day observed
July	11	Comprehensive Examination for M.Ed. students
July	14	Last day to withdraw without academic penalty
July	15	Admissions Committee Meeting, 2:00 p.m.
July	17	Deadline to Submit Final Dissertation Copy to the Office of the Assoc VP for AA and Dean of Graduate Studies
July	23	For Graduate Candidates, August Commencement, One Copy of Completed Thesis Due in the Office of the Assoc VP for AA and Dean of Graduate Studies (By Appointment)
July	24	Deadline to Submit final approved dissertation to the Office of the Assoc VP for AA and Dean of Graduate Studies (8 copies)
July	24	Deadline to Submit Dissertation Abstract Plus One Copy of Signed Dissertation Title Page to the Office of the Assoc VP for AA and Dean of Graduate Studies
July	28	Final Exam for Tuesday/Thursday classes
July	29	Final Exam for Monday/Wednesday classes
July	29	Last day of classes
July	30	For Graduate Candidates, August Commencement, final date for holding terminal examinations
July	30 -	Final Exams
Aug	1	
August	1	Deadline for Fall Quarter Graduate Application
August	2	Graduation
August	2	Residence Halls close at 10:00 a.m., except for graduating students

Institutional Testing Schedule 1997-98

(Dates are subject to change)

CPE		MAT	
Saturday	December 13, 1997	Saturday	August 2, 1997
Saturday	March 7, 1998	Saturday	October 11, 1997
Saturday	April 18, 1998	Saturday	December 6, 1997
ISAT		Saturday	January 17, 1998
Tuesday	September 2, 1997	Saturday	March 14, 1998
Tuesday	December 2, 1997	Saturday	April 25, 1998
Tuesday	March 3, 1998	Saturday	May 23, 1998
Tuesday	June 2, 1998	LEGISLATIVE	
REGENTS		Tuesday	November 11, 1997
Monday/Tuesday	October 27 & 28, 1997	Tuesday	February 17, 1998
Monday/Tuesday	February 9 & 10, 1998	Tuesday	May 12, 1998
Monday/Tuesday	May 4 & 5, 1998	Tuesday	July 7, 1998
Tuesday	July 21, 1998		

National Testing Schedule 1997-98

(Dates are subject to change)

TOEFL

Friday June 5, 1998

CHES

Saturday October 18, 1997

Saturday April 1998

SAT

Saturday October 4, 1997

Saturday December 6, 1997

Saturday January 24, 1998

Saturday March 28, 1998

Saturday May 2, 1998

Saturday June 6, 1998

GRE

Saturday November 1, 1997

Saturday December 13, 1997 (subject only)

Saturday April 4, 1998

ACT

Saturday September 27, 1997

Saturday December 13, 1997

Saturday February 7, 1998

LSAT

Saturday October 4, 1997

Saturday December 6, 1997

CLEP

Wednesday November 5, 1997

Wednesday January 14, 1998

Wednesday February 18, 1998

Friday May 8, 1998

Friday July 10, 1998

PHARMACY

Saturday October 25, 1997

Saturday January 31, 1998

EIT

Saturday November 1, 1997

Saturday April 25, 1998

Saturday October 31, 1998

PRAXIS

Saturday October 18, 1997

Saturday November 8, 1997

Saturday February 7, 1998

Saturday July 11, 1998

Accreditation

Georgia Southern University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate, Bachelor, Master, Specialist, and Doctorate degrees.

Departments/Programs

Counseling Center

College of Liberal Arts and Social Sciences

Music

Public Administration

College of Business Administration

Accounting

Undergraduate and Graduate

College of Education

Undergraduate and Graduate

College of Health and Professional Studies

Nursing

Foods and Nutrition

Recreation and Leisure Services

Recreation - Undergraduate Programs

Kinesiology - Undergraduate and Graduate

Allen E. Paulson College of Science and Technology

Chemistry

Civil Engineering Technology

Computer Science

Electrical Engineering Technology

Industrial Engineering Technology

Mechanical Engineering Technology

Industrial Technology

(Building Construction and Contracting,
Manufacturing/Industrial Management, Print Management)

(Building Construction and Contracting)

Accrediting Organization

International Association of Counseling Services

National Association of Schools of Music

National Association of Schools of Public Affairs and Administration

American Assembly of Collegiate Schools of Business

American Assembly of Collegiate Schools of Business

National Academy of Early Childhood Programs

National Council for Accreditation of Teacher Education

Georgia Professional Standards Commission

National League for Nursing

Georgia Board of Nursing

American Dietetic Association

Leisure Careers Foundation of the Georgia Recreation and Park Society

National Recreation and Park Association/

American Association for Leisure & Recreation

Sport Management Review Council of the

National Association for Sport and Physical Education

and the North American Society for Sport Management

American Chemical Society

Technology Accreditation Commission of the

Accreditation Board for Engineering and Technology

Computer Science Accreditation Commission

Technology Accreditation Commission of the

Accreditation Board for Engineering and Technology

Technology Accreditation Commission of the

Accreditation Board for Engineering and Technology

Technology Accreditation Commission of the

Accreditation Board for Engineering and Technology

National Association of Industrial Technology

American Council for Construction Education

General Information

University Mission

GEORGIA SOUTHERN UNIVERSITY is a predominantly undergraduate university devoted to “teaching first,” a student-centered residential campus that nurtures a fulfilling college experience, and a serving institution strongly identified with the heritage and hopes of its region. The University’s uncommon breadth of nationally accredited academic programs in the liberal arts and professional studies attracts a statewide enrollment of undergraduate students. As a University granting professionally-oriented doctoral degrees and an array of master’s degrees designed to meet the needs of the region, Georgia Southern is cultivating a resident cadre of leaders with advanced education in critically-needed professions.

OUR MISSION IS ROOTED in South Georgia, a largely rural region that encompasses coastline, wetlands, cities with rich histories, and areas of endemic privation but abundant potential. Our quest is to uplift our region’s educational attainment, cultural opportunities, economic growth, environmental quality, scientific and technological progress, and social and personal well-being. Our hallmark is a comprehensive university experience that promotes student growth and success through creative strategies for using technology, enhancing learning, and connecting all we do to those around us.

MOST OF OUR STUDENTS are Georgians who begin as full-time freshmen, reflect Georgia’s and the globe’s cultural diversity, and have the motivation and ability to complete our increasingly demanding programs. Working professionals and transfer students are a growing presence. Student life is characterized by a culture of learning inside and outside the classroom. A safe campus serves as a laboratory for developing citizenship and leadership in a collegial environment. The Georgia Southern experience promotes the development of students who value honesty, civility, and the dignity of work. Our mission is to graduate students who are knowledgeable, clear-thinking, articulate, and effective in problem-solving.

OUR COMPREHENSIVE CURRICULUM FOCUSES on undergraduate programs of high quality, enhanced by master’s and professionally-oriented doctoral programs pertinent to the region. At the University’s core is excellent instruction, strengthened by research and service. Innovative classes increasingly incorporate new instructional techniques and technologies.

THE UNIVERSITY IS A CENTER OF LEARNING APPLIED to regional planning, economic development, partnerships in schools, science, industries, international trade, community needs, and the health of South Georgians. We expand horizons through outreach in sciences and liberal arts, preservation of distinctive cultural legacies, and attention to the integrity of South Georgia’s environment. Faculty, staff, and students exemplify service, contributing time and expertise to enhance the quality of life.

SCHOLARSHIP IS CENTRAL TO THE MISSION OF THE UNIVERSITY. We practice scholarship in terms of the discovery, integration, application, and teaching of knowledge and creative activity. Scholarship of relevance to South Georgia, and of a standard that can earn national or international recognition, is especially esteemed.

GEORGIA SOUTHERN WILL BE one of the nation’s best public undergraduate universities by nurturing a faculty who are devoted to teaching able and diverse students. We will provide society with graduates who are both equipped to master a competitive world and educated to build a better civilization. Georgia Southern exemplifies how kindness, quality, and collaboration can complement efficiency, effectiveness, and integrity. Georgia Southern University will be a catalyst for the aspirations of South Georgians and an emblem of their achievements.

Approved by the Board of Regents, July 9, 1996

History of Georgia Southern

On December 1, 1906, the newly appointed First District Board of Trustees convened in Savannah, Georgia. It was one of eleven 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 fifty 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 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 fifteen 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 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’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" were retired as the name of the Georgia Southern's intercollegiate teams, and by student vote, "The Eagles" were 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. Today, these schools have been organized as the College of Liberal Arts and Social Sciences (in 1994), Education, Graduate Studies, Business Administration, Health and Professional Studies, and the Allen E. Paulson College of Science and Technology (in 1994). In 1981 football was reintroduced to Georgia Southern after a hiatus of almost forty 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 became the first new university of Georgia in twenty-one years and the third largest university in Georgia. In 1992, the Regents authorized Georgia Southern 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.

The Georgia Southern story is a story of determination to be the best one can be.

Administrative Structure Officers

NICHOLAS L. HENRY, B.A., M.P.A., M.S., Ph.D.
President

HARRISON S. CARTER, B.S., M.S., Ph.D.,
Vice President for Academic Affairs

RONALD J. CORE, B.A., M.Ed., Ed.D.
Vice President for Business and Finance

JAMES M. BRITT, B.S., M.DIV., M.A., Ed.D.
Vice President for Development and University Relations

JOHN F. NOLEN, B.A., B.D., Ph.D.
Vice President for Student Affairs and Dean of Students

CHARLENE R. BLACK, A.B., M.A., Ph.D.
Associate Vice President for Academic Affairs and
Dean of Undergraduate Studies

G. LANE VAN TASSELL, B.A., M.S., Ph.D.
Associate Vice President for Academic Affairs and
Dean of Graduate Studies

MELANIE McCLELLAN, B.A., M.Ed., Ph.D.
Associate Vice President for Student Affairs

JULIUS R. ARIAIL, B.A., M.S., M.A.
University Librarian

Academic Structure

The academic credit programs of the University are administered by six colleges. They are the College of Liberal Arts and Social Sciences, the College of Business Administration, the College of Education, the College of Health and Professional Studies, the Allen E. Paulson College of Science and Technology, and the College of Graduate Studies. Each of these is subdivided into departments. A dean directs each college 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. Carl Gooding, Dean
Department of Accounting
Dr. J. Ralph Byington, Chair
Department of Finance and Economics
Dr. William Whitaker, Chair
Department of Management
Dr. Barbara Price, Chair
Department of Marketing
Dr. Mary F. Smith, Chair

II. College of Education

Dr. Arnold Cooper, Dean
Department of Early Childhood and Reading
Dr. Beverly Stratton, Chair
Department of Curriculum Foundations, and Research
Dr. Jane Page, Chair
Department of Educational Leadership, Technology, and Human
Development
Dr. Ronald Davison, Chair
Department of Middle Grades and Secondary Education
Dr. Ronnie Sheppard, Chair
Marvin Pittman Laboratory School
Mr. Johnny Tremble, Principal

III. College of Health and Professional Studies

Dr. Frederick Whitt, Dean Department of
Family and Consumer Sciences Dr. Nancy
Kingsbury, Chair

Department of Health and Kinesiology
 Dr. Charles Hardy, Chair
 Department of Nursing
 Dr. Kaye Herth, Chair
 Department of Recreation and Sport Management
 Dr. Henry Eisenhart, Chair
 Rural Health and Research
 Dr. Charlene Hanson, Director

IV. College of Liberal Arts and Social Sciences

Dr. Roosevelt Newson, Dean
 Department of Art
 Mr. Richard Tichich, Chair
 Department of Communication Arts
 Dr. Hal Fulmer, acting Chair
 Department of Foreign Languages
 Dr. David Seaman, Chair
 Department of History
 Dr. Jerry Steffen, Chair
 Department of Literature and Philosophy
 Department of Music
 Dr. David Mathew, Acting Chair
 Department of Political Science
 Dr. Lois Duke, Chair
 Department of Psychology
 Dr. Richard Rogers, Chair

Department of Sociology and Anthropology
 Dr. Roger Branch, Chair
 Department of Writing and Linguistics

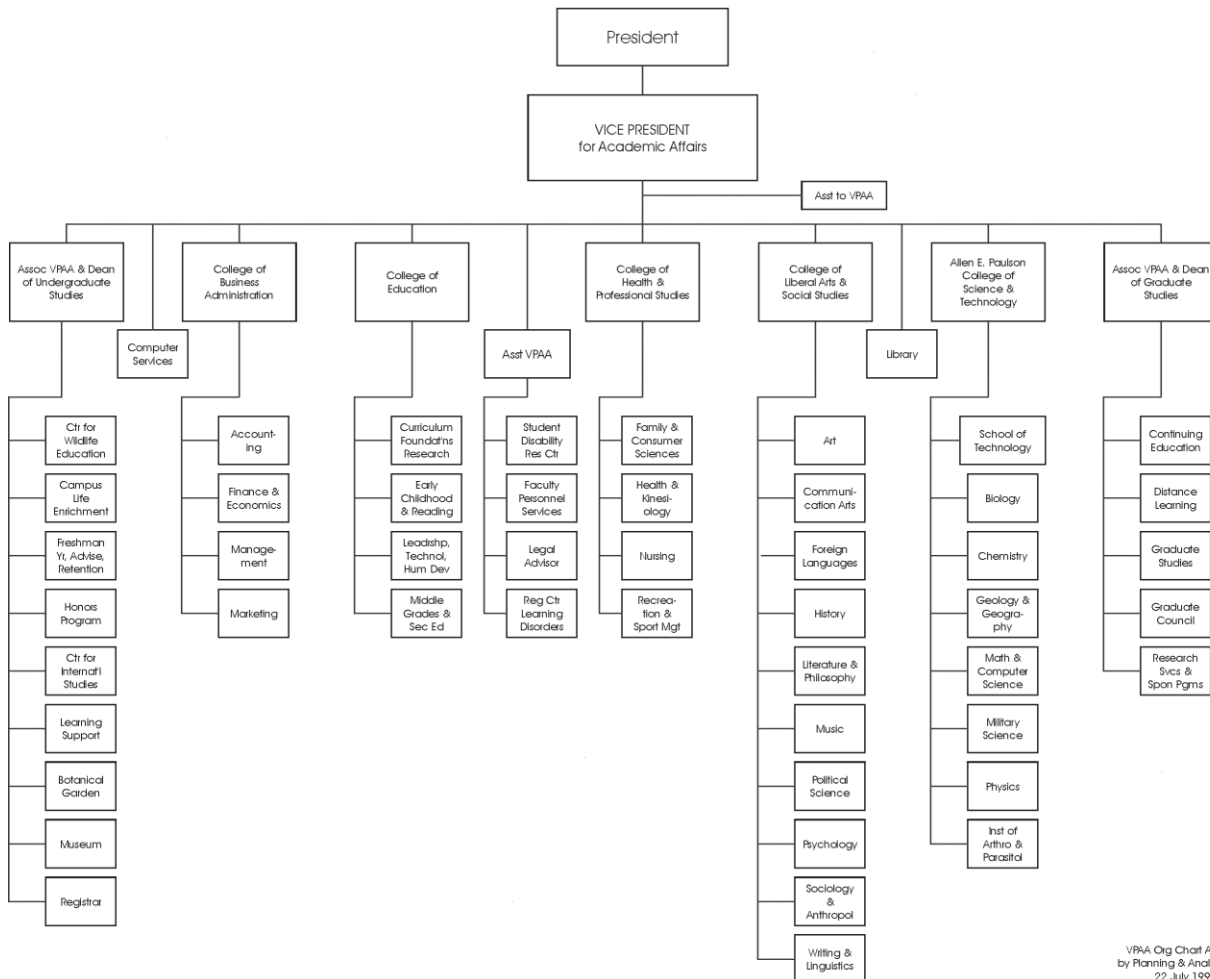
V. Allen E. Paulson College of Science and Technology

Dr. Jimmy Solomon, Dean
 Department of Biology
 Dr. John Averett, Chair
 Department of Chemistry
 Dr. Bill Ponder, Chair
 Department of Geology and Geography
 Dr. Fredrick Rich, Chair
 Department of Mathematics and Computer Science
 Dr. Arthur Sparks, Chair
 Department of Military Science
 Lt. Col. Brian K. Knox, Chair
 Department of Physics
 Dr. Marvin Payne, Chair
 School of Technology
 Dr. Phillip Waldrop, Director
 Institute of Arthropodology and Parasitology
 Dr. James Oliver, Director

VI. College of Graduate Studies

Dr. G. Lane Van Tassel, Dean

**Georgia Southern University
 Academic Affairs - Organizational Chart**



Academic Services

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

Advisement

Philosophy

Georgia Southern University accepts the premise that ultimately a student's program is his or her own responsibility. Any system of advisement must reflect students' freedom of choice and their right to make their own decisions. It is important for students to see their advisors prior to registration each quarter and meet with their advisors at other times in order to plan programs carefully and make sure all requirements are being met.

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

Georgia Southern also accepts the philosophy that faculty members should be involved in student advisement when 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. Advisement also provides the faculty member with a vital area of service.

Definition of the Role of Advisors

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

Responsibility for Advisement

Advisement for students who have declared a major is provided by faculty and/or professional staff advisors in centers or in faculty offices. The College of Business Administration, College of Education, and College of Health and Professional Studies have established advisement centers. Individual departments assume advisement responsibility for students in the College of Liberal Arts and Social Sciences and the Allen E. Paulson College of Science and Technology. Graduate students are assigned faculty advisors. Advisement for students who have not declared a major, along with transient, professional, and most non-degree students, is provided by faculty and staff advisors in the Academic Advisement Center, ground floor Williams Center.

The Advisement Center is also responsible for advising students in the Bachelor of General Studies degree program. Learning Support students are advised by faculty in that program until they exit all requirements; at that point they either declare a major or are advised in the Academic Advisement Center.

The Director of Advisement serves as coordinator for the campus advisement program and is responsible for providing information to advisors, coordinating advisement activities, providing programs to improve the quality of advisement, and representing the concerns of advisors where needed.

Continuing Education and Public Services

Created in 1969 to meet the Regents' commitment to offer continuing education and public service programs at all University System units, the Division of Continuing Education and Public Services (DCEPS) provides the avenue for the University to fulfill its service mission to the community.

The division's mission is to meet the lifelong learning needs of the region. The division provides a variety of programs designed to improve skills in the professions, to enhance societal and cultural understanding, to facilitate healthy lifestyles and proper use of leisure time, and to address the personal development and enrichment needs of the region.

In accordance with Southern Association of Colleges and Schools and University System of Georgia requirements, DCEPS is responsible for keeping an account of the University's non-credit programs of instruction via continuing education units, or CEUs. The CEU is a nationally recognized unit of measure for non-credit instructional participation in continuing education programs.

The division provides a number of services including needs assessment, market analysis, marketing services, registration services, facilities coordination, and program evaluation. These services are available for programs the division develops as well as for programs developed by external organizations.

On-campus programs generally are held in the Southern Center, one of a few facilities in the University System designed especially for training and development programs for adults.

A component of DCEPS, the University's Facilities Scheduling Office schedules meeting facilities and obtains support services for external groups desiring to use University facilities. Faculty and staff are encouraged to contact the Division of Continuing Education and Public Services for information on services and programs.

Continuing Education Units

Participants in designated Continuing Education programs earn continuing education units (CEUs), the standardized national measure of participation in professional education and training and development programs. One CEU represents 10 contact hours of participation in an organized program where there is evidence of qualified instruction, capable direction, and responsible sponsorship. Permanent records of CEUs earned by participants are maintained by the university registrar. 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.

Public Service Institute

The Division of Continuing Education and Public Service encompasses the university's Public Service Institute, established by approval of the University System of Georgia Board of Regents for the purpose of cooperating with businesses, government institutions, and government agencies to address the needs and problems of southeast Georgia.

Intensive English Program

Georgia Southern's Intensive English Program is a non-credit English as a second language program offered through the Division of Continuing Education and Public Service. It is designed for students who have some English background but do not meet university English proficiency requirements. The program includes five hours a day of classroom study as well as study and preparation outside of class. Program participants must be financially self-supporting. Please direct inquiries to:

Intensive English Program
Division of Continuing Education and Public Service
Georgia Southern University
PO Box 8124
Statesboro, Georgia 30460-8124

Conference Center

The Southern Center boasts a 28,000 square foot conference center scheduled for expansion in 1997. The facility offers more than 11,000 square feet of meeting space including a 412-seat auditorium and a 15-station computer training center. Training support systems such as audiovisual equipment and teleconferencing equipment are available.

Services

Division of Continuing Education and Public Service program specialists are available to assist with program development tasks including needs assessment, program planning, program administration and coordination, fiscal management, marketing, and program evaluation. A full range of meeting planning and conference services is available, as well as in-house (contract) training programs for businesses, industries, institutions, and agencies. Please direct inquiries to:

Director
Division of Continuing Education and Public Service
Georgia Southern University
PO Box 8124
Statesboro, Georgia 30460-8124
Phone: (912) 681-5555
Fax: (912) 681-0306

Development and University Relations

The Division of Development and University Relations builds private and public support for the University through three primary areas: enhancing the University's image, impact, and recognition through communication; augmenting the University's resources for quality enrichment through fund raising; and involving the University graduate in a lifelong relationship with his or her alma mater through alumni activities and services. The division is organized into three departments: Resource Development, Public Relations, and Alumni Relations.

Resource Development is responsible for all fund raising programs and projects that supplement support for scholarships, academic enhancement, and cultural and educational outreach. Programs include the annual community and alumni loyalty campaigns, corporate proposals, major gifts solicitation, planned giving, scholarship endowments, and special projects. The Development office is the liaison for the Georgia Southern University Foundation.

The ***Public Relations*** department plans and produces the communications that promote the University's image to its many audiences through public information and media relations, publications, and photo-video productions. Media services showcase the University's activities and achievements in print, broadcast and on-line outlets, and University periodicals; the publications staff designs University brochures, catalogs, and other printed materials; photographic services provides visual coverage of campus activities and events for news and sports media, campus publications, and other productions.

Alumni Relations programs maintain ties and build support among the University's graduates by keeping them informed and involved with their alma mater through publications, social events on campus and in their communities, membership in the Alumni Association, recognition of outstanding alumni, and special services and privileges. Along with the Office of Alumni Development, the Association plans year-round events including Homecoming activities, regional receptions, and alumni Chapter meetings. Association members often assist the University in recruiting students, fund-raising, and career placement for recent graduates.

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 service patterns established by the Library accommodate more than 3,000 users each day during the academic quarters.

The Henderson Library is centrally located on campus in a four-story building constructed in 1975. The building has 158,000 square feet of space, will hold 800,000 books at total capacity, and seats 950 people in the book stack areas. The Library currently offers the most extensive operating schedule of any academic library in the state of Georgia. During 148 of the 168 hours in a typical week during the academic quarter, the first floor of the Library remains open on a 24-hour basis to provide access to the Library's computer resources, periodical collections, and study facilities. The annual operating budget for the Library is approximately \$3.2 million.

As of July 1996, the Henderson Library collections contained 488,956 bound volumes; 800,000 microform units; and 535,340 government documents. The Library maintains subscriptions to 3,600 serial and periodical titles. 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 a networked group of more than 250 microcomputers within the Library building and from any Internet-connected computer or telephone dial-in location in the world.

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. Most of the Library's publicly accessible microcomputers are linked to the Internet through high-speed network connections that support full use of WWW browsers and graphical displays. The Library's networked computers thus serve as one of the University's large general-purpose student computer laboratories, the only such facility open on a 24-hour basis during the academic quarter.

The Library has installed a comprehensive library information system that links the on-line catalog, circulation procedures, periodical indexes, full-text databases, and in-process library acquisitions into one integrated system. The Library's catalog is available on-line through the Internet and is also incorporated as a 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 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 100 major databases and more than 1,500 academic journals in full-text format, as well as rapid interlibrary loan across the state. Computer stations in the Library that are used to access GALILEO may also be used to access other library catalogs and databases located throughout the world via the Internet.

The Library employs 61 faculty and staff members and approximately 125 student assistants. The functional areas of the Library are currently organized into the following five departments: Access Services, Acquisitions, Cataloging, Government Documents, and Information Services.

- The Access Services Department, formerly known as the Circulation Department, is responsible for circulation transactions, the book and periodical reshelving operation, interlibrary loan and document delivery (including off-campus library delivery services), academic reserves, audiovisual services, photocopier maintenance, and building security.
- The Acquisitions Department is responsible for purchasing all materials that are to be added to the Library's collection. This department also processes gift materials and supervises the binding of paperback books and individual periodical volumes. All activities involving serial publications, including subscriptions, cataloging, cancellations, and microformats, are also handled in this department. Faculty members in the academic departments may request materials to be ordered through their departmental library representative, who administers a special fund for this purpose and who also works in close coordination with the Acquisitions staff to see that appropriate books are received by the Library automatically upon their publication through the approval purchase program.
- The Cataloging Department catalogs all books and audiovisual materials added to the collection, with the exception of serials (noted above) and government documents (noted below). The Library of Congress classification system is used. The Library's online catalog is available on the campus network.

- The Government Documents Department is responsible for a large collection of publications of the agencies of the U.S. Government. These publications are classified and shelved according to the Superintendent of Documents classification system. The faculty and staff members within the Government Documents Department are available to assist students and faculty members with the use of this valuable collection. An online catalog of this collection is available in compact disk format. As a depository for publications of the United States Government, the library has a special responsibility to make those publications available to the general public in accordance with the rules and policies of the Government Printing Office and the Federal Depository Library Program.
- The Information Services Department, recently formed through a merger of the former Reference Department and the Learning Resources Center, is responsible for assisting users with the information resources of the Library in both print and electronic formats. This department maintains a large set of electronic databases, and also supervises a traditional collection of reference books and periodical indexes. Reference librarians are on duty at the Reference Desk (second floor) to assist users with these collections and to answer general questions about the Library, and staff members and student assistants are available at the first floor Help Desks to assist users with the resources and programs available on a large installation of more than 250 networked microcomputers, all of which have full access to the campus information network and the resources of the Internet. The reference librarians are available to instruct classes on the use of library materials in specific subject areas, and they are also available for individual consultations with students and faculty members.

The Henderson Library publishes a newsletter during the academic quarters that is distributed in paper form throughout the campus. An electronic form of this newsletter is also available on the Library's WWW homepage, which has links to many other information resources. The Library's administration actively seeks comments and suggestions concerning any aspect of its operations and collections. All such comments and suggestions are reviewed on a daily basis by the University Librarian, and may be referred to the Library Committee of the Faculty Senate for further action as necessary. Replies to most comments and suggestions are posted for public review on a bulletin board in the Library and on the Library's gopher site with links to the Library's homepage. The University Librarian is available to meet with any member of the academic community to discuss the Library, its collections and services, or its connections to other information networks and services throughout the world.

Institute of Arthropodology and Parasitology

The Institute of Arthropodology and Parasitology (IAP) coordinates an area of interdepartmental research among the departments of Biology, Geology and Geography, Psychology, and History. 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. 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. James H. Oliver, Jr., director, at 681-5564.

Intercollegiate Athletics

Intercollegiate athletics provide an opportunity for highly skilled student-athletes to compete regionally and nationally in athletics. These activities are conducted under the control of the Georgia Southern University Faculty Athletic 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 program and, as such, maintain active programs for men in football, baseball, basketball, golf, soccer, swimming, tennis and cross country, and for women in basketball, volleyball, swimming, softball, soccer, tennis and cross country.

Over the last decade, Georgia Southern has developed one of the most successful broad-based athletics programs in the country. Across-the-board commitment to excellence has resulted in four football national championships and NCAA Tournament participation in men's and women's basketball, baseball and golf. GSU joined the Southern Conference in 1992 and has claimed seven league titles. Women's swimming and diving has won seven southern States Championships and boasts the highest winning percentage of any athletic squad on campus.

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.

Upon registration a mail box and combination number will be printed on each student's schedule. All student mail boxes are located in the Landrum Center. The Campus Postal Service will identify recently assigned mail boxes and provide services within hours after registration.

Student Disability Resource Center

Georgia Southern 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 Disorder.

Students initiate services by completing the Voluntary Declaration of Disability that accompanies their acceptance letter. The SDRC will contact students concerning documentation standards upon receipt of that document.

Services include advocacy with faculty, assistive technology, early registration, books on tape and other accommodations derived from documentation. There is no charge for services.

The SDRC is located on Knight Drive in Hampton Hall, building #5. Please call 912-871-1566 or TDD at 681-0666.

Regents Center for Learning Disorders at Georgia Southern

The Regents Center for Learning Disorders at Georgia Southern is one of three centers in Georgia established by the Board of Regents to provide standardized assessment, resources and research related to students within the University System suspected of having learning disorders. Each center serves designated colleges and universities within a geographic region, and follows criteria established by the Board of Regents for identifying students with suspected specific learning disabilities or Attention Deficit/Hyperactivity Disorder (ADHD). The Regents Center professional staff members will review documentation for specific learning disabilities, ADHD, or Acquired Brain Impairment supplied by a student or will provide a new evaluation.

Students interested in having an evaluation **must** contact the Disabilities Service Provider or Coordinator on their own campus for information concerning the availability of this service. The Disabilities Service Provider or Coordinator will also make available the criteria for identifying specific learning disabilities or ADHD or for accepting outside evaluations (assessment completed by an agent other than one of the three centers).

The Georgia Southern Museum

Since 1982, the Georgia Southern Museum has sought to preserve, exhibit, and interpret objects pertaining to the unique cultural heritage and natural history of South Georgia. The Museum serves as a research and educational resource for faculty, staff, students, the general public, and public school systems in South Georgia. The museum also hosts a variety of contemporary exhibits and programs relevant to the university's academic departments. Opportunities exist for graduate student involvement in all aspects of the Museum's programs.

Botanical Garden

Georgia Southern Botanical Garden is being developed on an 11-acre site on Fair Road and Georgia Avenue near the southeast end of campus. Once the home of Dan and Catharine Bland, the Garden's rural ambience evokes the past as well as providing the backdrop for the Garden's growing collection of Southeastern native plants, especially those of the Coastal Plain. The Garden's primary mission is to increase knowledge and appreciation of the plants, animals, and ecology of Georgia through its collections, exhibits, educational programs, and research activities. Workshops, tours, school field trips, special events, seasonal festivals, and community outreach are part of the Garden's public programs. For information call the Garden at 871-1114.

Foy Gallery 303

Gallery 303, located on the third floor of the Foy Fine Arts Building, presents eight major exhibitions during the academic year featuring contemporary art works by faculty and students. They range from traditional oil paintings to "installation" works using a multimedia effort. Typically the exhibitions appear for a month. In addition to opening receptions, visiting artists meet with classes and the community in both formal and informal settings. Exhibitions are free to the public and open 8 am to 5 pm Monday through Friday. Guided tours are available through the Art Department, 681-5358.

Music Program

The Department of Music presents more than 100 public concerts each year, including the Faculty Recital Series, performances by the major ensembles, guest performers sponsored by the Campus Life Enrichment Committee (CLEC), and student recitals. Beginning with "The Faculty Showcase Recital" early each Fall quarter, the series features concerts by individual faculty performers throughout the academic year. Major ensembles include the Opera Theater, the Statesboro-Georgia Southern Symphony Orchestra, the Jazz Ensemble, the Symphonic Wind Ensemble, the Southern Choral, the University Singers, the Percussion Ensemble, and many studio ensembles such as the Clarinet Choir, Brass Quintet, and Trumpet Choir. CLEC supports a music department program of guest recitalists/lecturers, the purpose of which is to enhance various aspects of the academic program. Students perform graduation recitals as well as many general recitals year-round. With the exception of the Statesboro-Georgia Southern Symphony, all concerts are free and open to the public. For symphony tickets, contact the Department of Music, 681-5396.

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

The Center for Wildlife Education and the Lamar Q Ball, Jr., Raptor Center is being built through a cooperative effort of local support, major corporate gifts, and a significant donation from the family of the late Lamar Ball. Opening in October on a four-acre tract across from Public Safety on Forest Drive, the Center features birds of prey, or "raptors," in an environmental setting that combines education with adventure so that children and their families can understand and relate to nature. The Center will stress the important relationship between wildlife and wilderness and the quality of life for humans.

Academic Information

The following information pertains to undergraduate students. Graduate students please reference The College of Graduate Studies section regarding graduate academic information.

Requirements for All Degrees

Humanities and Fine Arts, 20 hours; **Mathematics and Natural Sciences**, 20 hours; **Social Science**, 20 hours; **Courses Appropriate to Major**, 30 hours; **Health and Physical Activity (Kinesiology) Courses**, 7 hours (HTH 131 and four Physical Activity courses); **Upper Division Requirements and Electives**, to total a minimum 190 hours.

Students who are 26 years of age or older may substitute other courses for the physical education activity courses. Six quarter hours of credit for physical education activity courses will be awarded when a student provides evidence (form DD-214) that he/she has had a minimum of one year's active military duty. The form DD-214 should be furnished to the Registrar's Office.

General Academic Information

The University is organized on the quarter system with each of the three quarters in the regular session extending over a period of approximately 11 weeks.

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

The Board of Regents has designated Fall of 1998 as the time when all University System institutions, with the exception of Georgia Tech, will convert to the semester system. Students who plan to be enrolled Fall 1998 and later should consult with their academic advisor concerning how the semester conversion may affect them. Such students may also want to refer to semester equivalency charts for all degree programs which are available in departmental offices, in the academic advisement centers and in notebooks for each college at the reserve desk in the Henderson Library. Core curriculum equivalencies are available via the internet at [Http://www.firstyear.gasou.edu/sems/sems.html](http://www.firstyear.gasou.edu/sems/sems.html).

Classification

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

Freshmen	0 - 44 hrs. earned
Sophomores	45 - 89 hrs. earned
Juniors	90 - 134 hrs. earned
Seniors	135 and up earned

Course Load

A student's course load is computed on the credit-hour value of all courses taken for credit during the quarter whether taken on campus, off campus, or by correspondence. A normal load in a quarter is 15 to 18 hours. Twelve or more hours is considered a full-time load for determination of tuition and most financial aid benefits for undergraduate students. An advisor may approve an overload for 19 - 21 hours. The Dean of the College in which the student's major is found may approve an overload for 22 - 23 hours. Under extraordinary circumstances a student's dean may recommend to the Vice President for Academic Affairs that a student be allowed to take more than 23 hours, but never more than 25 hours.

Students are limited to a 16 quarter hour course load during summer quarter. Exceptions to this policy may only be approved by deans in extenuating circumstances.

Class Attendance

Each professor has the responsibility for setting specific policies concerning class attendance. Professors should clearly state policies to each class and will 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.

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.

Grades and Grade Points

The "A" grade may be interpreted to mean that the instructor recognized exceptional capacities and exceptional performance.

The grade of "B" signifies that the student has, for any combination of reasons, demonstrated a significantly more effective command of the material than is generally expected in the course.

The "C" grade is the instructor's certification that the student has demonstrated the required mastery of the material.

The student is graded "D" when his/her grasp of the course is minimal.

The "F" grade indicates failure to master the essentials and the necessity for repeating before credit may be allowed.

Symbols used in reporting grades and grade points are as follows:

<u>Symbols</u>	<u>Explanation</u>	<u>Grade Points</u>
A	Excellent	4.0
B	Good	3.0
C	Satisfactory	2.0
D	Passing	1.0
F	Failure	0.0
I	Incomplete	0.0
*IP	In Progress	0.0
W	Withdraw	0.0
WF	Withdraw Failing	0.0
V	Audit	0.0
S	Satisfactory	0.0
U	Unsatisfactory	0.0

*IP grades may be assigned only to courses which may extend over more than one quarter. No credit is earned until the course is completed.

Other Transcript Designations

- Academic Renewal (Forgiveness) Policy - not used in calculating gpa

* - College Preparatory Curriculum (CPC)

% - Satisfactory-No Earned Hours - not used in calculating gpa

NR - No grade reported

CR - Credit earned through military experience - not used in calculating gpa

K - Credit earned through examinations - not used in calculating gpa

T - When succeeding a grade, used to designate transfer credit

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. The instructor assigning an "I" grade must document on the grade roll the reason for assigning the grade. Students should complete course during following quarter in which "I" grade was issued. If this is not possible, students should request instructor to make written appeal for extension to the Registrar's Office, Record's Department. Student will then have additional three quarters in which to complete course. 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 at the appropriate time, it will be changed to an "F".

A "W" indicates official withdrawal from a course without penalty. It is assigned when a student withdraws before the midpoint of the quarter. Beyond the midterm, a "WF" will be assigned except in cases of hardship as determined by the Dean of the appropriate school. A "W" is not considered in computing the GPA. The "WF" is computed as an "F". A student who withdraws from school after mid-quarter is assigned a "W" if passing at the time of withdrawal or a "WF" if the student is failing at that time.

An "S" indicates satisfactory performance and that credit has been given for completion of course requirements.

The symbol "U" indicates unsatisfactory performance in an attempt to complete degree requirements other than academic course work. Neither "S" nor "U" is included in the computation of the GPA.

The symbol "V" indicates that a student was given permission to audit the course. Students may not transfer from audit to credit status nor from credit to audit status after the last day of Schedule Adjustment.

The symbol "K" indicates that credit was given for the course by an examination program (See "Credit by Examination.")

S/U Grading Option

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

1. Student must have earned 100 quarter hours of credit prior to enrolling in any course for S/U grading.
2. Student must be in good academic standing.
3. Student must have declared a major.
4. S/U grading will be permitted only in courses being used to satisfy the free elective or minor requirements of the individual student's degree program. A maximum of 5 hours will be allowed for any minor. The option applies only to undergraduate courses.
5. Student may not change from S/U grading status to letter grade status or vice versa after the last day of Schedule Adjustment.

The course content and requirements are the same for S/U registrants as for regular registrants. The minimum performance for an "S" grade is equivalent to the minimum performance for the letter grade "D".

A student wishing to elect the S/U grading option must obtain approval from the student's advisor. The advisor giving such approval should give the student a memo specifying this approval. The student must present this memo at time of registration.

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. Stages Two through Four must be completed during the quarter immediately following the quarter in which the grade was assigned unless an extension is authorized by the Vice President for Academic Affairs (VPAA). 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 twenty working days after the grade has been mailed by the Registrar's Office. The student should petition the instructor in writing, giving salient reasons for the grade appeal. The student should retain a copy of the written appeal for personal records.

Stage Two: If the student is not satisfied after the review by the instructor, the student should consult the Department Chair and submit a copy of the written appeal. The Department Chair will attempt to resolve the grade appeal. The Chair will meet with the instructor and may consult with other persons who have relevant information.

Stage Three: If all efforts to resolve the grade appeal at the Departmental level are unsuccessful, the student may submit the written appeal to the Dean of the appropriate College. The Dean will examine the appeal and other pertinent materials submitted by the student. The Dean will meet with the instructor and may also request from the instructor materials deemed relevant. In an attempt to resolve the grade appeal, the Dean may interview the student, instructor, and others who may have pertinent information. If the Dean determines the need for a review committee to examine the issue the committee shall consist of:

- One faculty member from the Department
- One faculty member from the College but not from the Department of the instructor
- One faculty member from another College
- Ex Officio: A staff member from Student Affairs recommended by the Vice President for Student Affairs.

The committee, if appointed, will advise the Dean regarding the grade under appeal. Whether the Dean chooses to appoint a committee or not, the Dean will render a final decision on the grade appeal at the College level.

Stage Four: If all efforts to resolve the grade appeal at the College level are unsuccessful, the student may submit the written appeal to the VPAA. The VPAA will examine the appeal and other pertinent material submitted by the student. The VPAA will meet with the instructor and also may request materials deemed relevant. In an attempt to resolve the grade appeal, the VPAA may interview the student, instructor, and others who may have pertinent information.

If a committee was constituted at the College level, then the VPAA 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, then the VPAA 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 VPAA regarding the grade under appeal. Whether the VPAA chooses to appoint a committee or not, the VPAA will render a final University decision.

Grade Point Average

The grade point average is the grade average on all work for which the student is enrolled excluding remedial and institutional credit. It is obtainable by dividing the total number of grade points earned, by the total number of quarter hours attempted (GPA hours). The GPA for Georgia Southern students is based only on the coursework done at Georgia Southern and does not include transfer coursework.

Students will have calculated for them an adjusted GPA as well as the official cumulative grade point average. The cumulative GPA is the average of all grades in college credit courses the student has taken at Georgia Southern. The adjusted GPA is used for determining a student's academic standing. If a student repeats a course, the last grade in the course counts and only the last grade is calculated in the adjusted GPA.

A grade point average is computed for each level (undergraduate, masters, specialist, doctorate) of coursework. For example, a student who has been enrolled as both an undergraduate and as a masters student will have one GPA for all undergraduate coursework and one GPA for masters coursework.

Withdrawal from Course

Official withdrawal from a course after the last day of registration (Schedule Adjustment) must be approved by the student's advisor and by the instructor of the class being dropped. Any student who registers for a course must either complete course requirements or officially withdraw before the midpoint of the quarter. An "F" will be assigned to any student who discontinues attending class without officially withdrawing. To withdraw, a student must present an approved drop/add form to the Registrar's Office prior to the mid-term.

Withdrawal From School

Prior to the first day of classes, a student should complete a preregistration voluntary cancellation form obtained from and returned to Registrar's Office. Any student who wishes to withdraw from school during the quarter must present an official withdrawal form to the Office of Special Programs in the Rosenwald Building. Failure to do so will result in the assignment of failing grades in all courses for which the student registered. Withdrawal is not permitted after the last day of class.

Medical Withdrawals

A student may be administratively withdrawn from the university when it is determined that the student suffers from a physical, mental, emotional or psychological health condition which: (a) poses a significant danger or threat of physical harm to the student or to the person or property of others or (b) causes the student to interfere with the rights of other students or with the exercise of any proper activities or functions of the university or its personnel or (c) causes the student to be unable to meet institutional requirements for admission and continued enrollment, as defined in the Student Conduct Code and other publications of the university.

Except in emergency situations, a student shall, upon request, be accorded an appropriate hearing prior to final decision concerning his or her continued enrollment at the institution.

Medical withdrawals are not permitted after the last day of class.

Petition to Withdraw Without Penalty After Mid-quarter

In every case in which a student withdraws before the mid-point of the quarter, a "W" (Withdrawal without penalty) is assigned. No petition is involved. Simply complete the formal withdrawal procedure through the Registrar's Office. For a student to withdraw without penalty from individual courses after the mid-point of the quarter, the Instructor must certify all four of the conditions below and recommend withdrawal.

1. All work was up-to-date at mid-quarter.
2. The work was of passing quality at mid-quarter.
3. Attendance was satisfactory up to mid-quarter.
4. The factors justifying withdrawal are essentially non-academic and developed after mid-quarter.

The Department Chair also must recommend withdrawal. After conferring with the Instructor and Department Chair, the student must submit the completed Petition for Withdrawal form to the Dean of his/her college. The Dean will submit the petition to the Registrar's Office.

Dean's List

During any quarter, an undergraduate or post baccalaureate student carrying 12 or more hours and making a quarterly grade point average of 3.5 or higher will be placed on the Dean's List.

Transcripts

A complete copy of the student's academic record (transcript) may be obtained by the student presenting a written request to the registrar. Telephone requests will not be honored. Two weeks must be allowed for processing a transcript request. There is no charge for transcript services.

Registration Time Cards

Undergraduate students are admitted to the registration area each quarter by means of a time card. Times are assigned on the basis of total adjusted cumulative hours earned. Students with the greatest number of hours earned receive the earliest times.

Students who have been admitted to the Graduate School are not required to have a time card. Graduate students may register at any time during scheduled registration hours.

Transient Students

Georgia Southern students who wish to take coursework at another institution and receive academic credit at Georgia Southern may do so if the following conditions are met:

1. Student is not on academic probation or on academic or disciplinary dismissal (exclusion) from Georgia Southern.
2. Student must complete a "Transient Form" (available in the Registrar's Office) obtaining the approval of his/her advisor and the Registrar.
3. If the student is within the last 45 hours of graduation, the student must also obtain the written approval of his/her dean.
4. Students with learning support requirements must obtain permission from the Chair of the Department of Learning Support.
5. Students may be approved for transient status for only one quarter at the time.
6. Students must make a "C" or better grade to assure that the course will be accepted in transfer.
7. Students attending another institution as a transient student must request that an official transcript of coursework as a transient be sent to Georgia Southern.
8. A student who takes his/her last work for a degree as a transient student during any graduation quarter will not be eligible for graduation that quarter.
9. A student must make application to the school he/she wishes to attend.

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

Academic Policies

A student shall be in good academic standing unless he/she has been excluded from the University and not readmitted. A student whose adjusted cumulative GPA falls below 2.0 will be subject to the policies listed below.

Probation

Probation serves as a notice that academic dismissal from the university will follow unless the quality of academic work improves and the terms of probation are satisfied. A student will be placed on probation at the end of any quarter in which the adjusted cumulative GPA drops below 2.0. Probation status is noted on the student's transcript.

A student will be allowed to continue on probation a maximum of three successive quarters of enrollment as long as he/she maintains a quarterly GPA of 2.0 or better. Probation will be removed at the end of any quarter in which the adjusted cumulative GPA reaches 2.0. If at the end of three successive quarters of enrollment the adjusted GPA has not reached 2.0, the student will be placed on Restricted Enrollment or Exclusion.

If a student returns to satisfactory status (2.0 or better adjusted GPA) and later falls below again, he or she will again have three successive quarters to reach a cumulative GPA of 2.0 as long as the quarterly GPA is at least 2.0.

Academic Dismissal

Academic dismissal is the involuntary separation of a student from the university for a specified period of time resulting from unsatisfactory academic performance while on probation. A student who is eligible to return to the university following an academic dismissal is readmitted on probation status. Following readmission, the student must earn a quarter grade point average of 2.0 or better each quarter until probation is removed. Probation must be removed by the end of three successive quarters of enrollment.

Restricted Enrollment

Restricted Enrollment only applies to a student who has not had a prior dismissal. Restricted Enrollment will occur in either of the following two conditions:

1. Failure to earn a quarter GPA of 2.0 or better while on probation or failure to remove probation status after three successive quarters of enrollment.
2. When a student is enrolled in 10 or more hours of course work at the 100 level or above, completes the quarter, receives grades other than "I" or "W" in a minimum of 10 or more hours of course work, fails to earn any credit for that quarter, and the adjusted cumulative GPA is below 2.0.

A student on restricted enrollment will be subject to probation requirements with the probation counter starting over the first quarter on restricted enrollment. Therefore, if a student earns a quarterly GPA below 2.0 while on restricted enrollment and the adjusted cumulative GPA is below 2.0, or fails to earn an adjusted cumulative GPA of at least 2.0 within three quarters after placement on restricted enrollment, the student will be excluded.

A student placed on restricted enrollment should consider repeating courses in which he/she has earned "D" or "F" grades. The student should meet with his/her academic advisor to discuss ways to regain good standing.

Exclusion

An exclusion is an involuntary separation imposed upon a student who having previously been on Restricted Enrollment fails to meet the terms of probation. Exclusion results when a student in this situation either fails to earn a quarterly GPA of at least 2.0 or fails to clear probation by the end of three consecutive quarters of enrollment. The purpose of exclusion is to allow the student time to reflect on the jeopardy of his/her academic status. A first exclusion is for one quarter. The summer quarter will be treated as any other quarter, including quarters of involuntary separation. Any subsequent exclusion is for one calendar year. A student who is readmitted after an exclusion must enroll under the conditions of probation. Academic exclusion is noted on the student's permanent record. For a student with a previous restricted enrollment, academic exclusion will also result when a student is enrolled in 10 or more hours of coursework at the 100 level or above, completes the quarter, receives grades other than "I" or "W" in a minimum of 10 hours of coursework, fails to earn any credit for that quarter, and the adjusted cumulative grade point average is below 2.0.

Learning Support Dismissal

1. A Learning Support student who is placed on dismissal for failure to exit the Learning Support Program will be excluded for one quarter. After the one-quarter dismissal, the student is eligible for one additional attempt to complete any remaining Learning Support requirements. During that quarter of attempt, the student may register for only the Learning Support courses needed to complete his/her requirements. Any subsequent failure to complete Learning Support requirements will result in dismissal for one calendar year.
2. Alternately, a Learning Support student who is placed on dismissal for failure to exit Learning Support may apply for readmission as a transfer student after satisfying Learning Support requirements and completing thirty hours of college-level work with a minimum grade point average of 2.0.

Readmission

A student who has been placed on first academic exclusion may apply for readmission to Georgia Southern University after remaining out for one quarter. After a subsequent exclusion, a student may apply for readmission after remaining out for one year. A former student application should be completed for the quarter readmission is desired.

Right of Appeal

In all matters concerning academic standing the student may appeal by writing to the Registrar and clearly stating the basis for an appeal. The appeal will be considered by the Admissions Committee.

A written appeal should be submitted as soon as possible but must be received in the Registrar's Office prior to 5 p.m. on the first day of classes for the quarter a student is seeking admission or readmission to Georgia Southern University. Individuals failing to satisfy the deadline may submit their appeal for the following quarter.

Requirements After Readmission

Following any academic dismissal and a subsequent readmission on probation, academic exclusion results from failure to earn a quarterly grade point average of 2.0 or better, or failure to remove probation by the end of three successive quarters of enrollment.

Repeating Courses

A student may repeat any course and the most recent grade becomes the official grade for the course even if the most recent grade is lower. In computing the adjusted GPA, only the most recent grade will be used (the earlier grade will remain on the transcript and in the official cumulative GPA). The adjusted GPA will be used to determine academic standing and graduation GPA requirements.

Attending Other Colleges and Universities

The University cannot request another institution to accept a student during any period of ineligibility at Georgia Southern University. No transfer credit will be awarded for credits earned at another institution during any period of academic or disciplinary ineligibility.

Academic Intervention Policy

Any student with fewer than 45 GPA hours at Georgia Southern and whose Adjusted Grade Point Average (AGPA) is 1.5 or below must meet the following conditions.

1. May enroll in no more than 13 hours until the AGPA is above 1.5. The typical load would be academic courses for 10 hours, GSU 220 for 2 hours (see #2 below), and a physical activity course for 1 hour.
2. Must enroll in GSU 220, Methods of Learning, unless the student has completed that course with a C or better. The GSU 220 course is specifically designed to improve study skills and overall academic performance.

Exceptions to this policy must be approved by the Director of Advisement. In addition to these requirements, students are strongly urged to have regular meetings with their advisors for periodic updates on academic progress, for consultation, and for referral to appropriate support services as needed.

Academic Renewal Policy

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

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

1. All previously attempted coursework will continue to be recorded on the student's official transcript. The student's cumulative grade point average will include all credit courses taken excluding Learning Support courses. Any scholastic suspensions or exclusions that occurred in the past shall remain recorded on the student's permanent record.
 - 1.1 Students must apply for Academic Renewal, and Academic Renewal shall be granted upon application by the student. A student can be granted Academic Renewal status only once. Students should contact the Office of the Registrar to apply for Academic Renewal.
 - 1.2 An Academic Renewal Grade Point Average is begun when the student resumes taking coursework following the five-year period of absence. A statement will be placed on the student's transcript indicating the Academic Renewal status.
 - 1.3 The Academic Renewal GPA will be used for determining academic standing and eligibility for graduation. Eligibility for graduation with honors will be based on an overall grade point average as defined in the policies for determining graduation with honors.
 - 1.4 Academic credit for previously completed coursework—including transfer coursework—will be retained only for courses in which an "A", "B", "C", or "S" grade has been earned. Retained grades are not calculated in the Academic Renewal GPA but are counted in the Academic Renewal Hours Earned.
 - 1.5 Retained hours earned prior to Academic Renewal may be used to satisfy Georgia Southern's residency requirement.
2. If a student does not request Academic Renewal status at the

time of re-enrollment after a five year or greater period of absence from any postsecondary institution, the student may do so within three academic quarters of re-enrollment or within one calendar year, whichever comes first.

2.1 The Academic Renewal GPA begins with the first term following re-enrollment.

3. Reentry into any program is not automatic.
4. The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.
5. The granting of Academic Renewal at Georgia Southern will not supersede the admissions requirements of certain programs, e.g., teacher education, nursing, which require a specific minimum grade point average based upon all coursework.
6. United States and Georgia History and Constitution requirements met prior to the granting of Academic Renewal will remain on the student's permanent record even though the courses may not count in the Academic Renewal GPA. Also, Regents' Test scores prior to Academic Renewal will remain on the student's record. Georgia Southern will count all hours earned prior to Academic Renewal in regards to Regents' Test, College Preparatory Curriculum, and other Board of Regents' Policy requirements.
7. **Note for Students Granted Academic Renewal:** The granting of academic renewal at Georgia Southern University will not supersede the admission requirements to graduate programs as set by the departments and the College of Graduate Studies.

Degree Requirements and Honors Criteria

Regents' Testing Program

The Regents' Test is an examination that assesses the competency level in reading and writing of those students enrolled in undergraduate degree programs in University System institutions. The following statement is policy of the Board of Regents of the University System of Georgia:

Each institution of the University System of Georgia will ensure the other institutions and the system as a whole that students obtaining a degree from the institution possess literacy competence.

The Regents' Testing Program has been developed to attain this goal. **The objectives of the Testing Program are:**

1. to provide system wide information on the status of student competence in the areas of reading and writing; and
2. to provide a uniform means of identifying those students who fail to reach the minimum levels of competence in these areas.

A student must pass all components of the test by scoring above the cutoff score specified for each component. The test may be administered either in its entirety or as one or more components depending on the student's needs. If one component of the Test is passed, that component shouldn't be retaken; this provision is open to all students who have taken the test in any form since the beginning of the program.

A student should pass the Regents' Test before the end of the sophomore year. Students who fail the test must retake and pass it. Each institution will require deficient students to participate in Regents' courses before retaking the exam.

A student holding a baccalaureate or higher degree from a regionally accredited institution of higher education will not be required to complete the Regents' Test in order to receive a degree from a University System institution.

When to Take the Test:

1. Although it is recommended that a student wait until he/she has exited English 151 and 152, the test may be taken anytime.
2. Must take it after having earned 45 hours of degree credit unless English 151 and 152 have not been completed.
3. Must take it after having earned the 60th hour of degree credit regardless of whether English 151 and 152 have been completed.
4. Must take the test or any portion not passed after the 60th hour each quarter in attendance until both components of the test have been passed.
5. Students who are taking the test for the first time or who fail to pass both sections of the test are required to take both sections at one testing.

Who Shall Take the Test:

1. All regularly enrolled undergraduate students of Georgia Southern University.
2. Students whose native language is not English will take the test but will be tested separately under the guidelines of the Foreign Students' policies.
3. Handicapped students will take the test under provisions approved by the Exceptions Committee (see guidelines below).
4. Transfer students who receive 60 hours or more of transfer credit must take the test the first quarter in attendance.

When to Take a Review Course:

1. Must take a review or remedial course(s) if the student has earned 75 hours of degree credit until both portions of the test have been passed.
2. Must take a review or remedial course(s) (after earning 75 hours of degree credit) each quarter in attendance until both components have been passed. (See Exception 1 below.)

Regents' Remedial Courses

English 090 and Reading 090.

Each course carries three hours of institutional credit and will be considered a part of the student's academic load. The student may register for only 18 hours or less of degree credit work including the review courses. These courses will meet for four weeks of each quarter for four days and for two hours per day.

Attendance policy: A student must attend at least 75 percent of the classes and complete at least 75 percent of the assigned work in order to be eligible to take the Regents' Test that same quarter. Failure to attend at least 50% of the class sessions will result in the student being ineligible to enroll in the University for the subsequent quarter.

Exceptions:

1. Students will not be allowed to take the test when they are in violation of policies.
2. Foreign students will be subject to the policies approved by the Faculty Senate. Exceptions to these policies will be dealt with by the Exceptions Committee.

Students who fail to meet the above requirements will be subject to this action:

A student required to take review courses who does not meet the attendance requirements of the course will not be allowed to take the Regents' Test during the quarter in which he is enrolled. Students who are required to enroll in review courses for the Regents' Test and do not register for them before the first class meeting are in violation of Regents' and Institution's policy. Such students will be administratively withdrawn from the University. If a student required to take remedial courses misses 50% of the sessions of the remedial course, he will be suspended from school for the subsequent quarter.

Campus Review Procedure:

1. A student may request a formal review of his/her failure on the essay component of the test if that student's essay received at least one passing score among the three scores awarded and if the student has passed English 151 and 152.
2. The review procedure is as follows:
 - a. The student gives a written request to the Director of Testing.
 - b. The request must be received no later than one week after late registration the following quarter.
 - c. The Director of Testing will verify the validity of the review request and will notify the Head of the English Department. He will appoint three members of the English faculty to review the essay. Action of the English Department Review Committee will be final. The review must be completed within one week of the request by the Department Chair.
 - d. The Chair of the English Department will send the results of the committee's findings to the Director of Testing, who will inform the student of the results.
 - e. If the committee's findings support the student, the Director of Testing will send the appeal to the Board of Regents' office for action.
3. The results of the review by the Board of Regents Testing Office will be final. The student will be notified through the institution of the results. Action on the appeal is generally taken after mid-quarter and after the next administration of the Regents' Test.

Students may appeal to the Associate Vice-President for Academic Affairs if they feel they have a legitimate reason for failure to comply with these policies.

Graduation Requirements

Subject to the limitations and qualifications stated elsewhere in this catalog, the requirements for the baccalaureate degree are as follows:

- Students should have their programs of study checked with their advisors at least three quarters before anticipated completion of degree and submit an Application for Graduation. An Application for Graduation must be submitted no later than the last day of official registration (as stated in the official university calendar) during the final quarter before completing academic requirements.
- The graduation fee must be paid and all other financial obligations or "holds" must be satisfied or removed before a student is cleared for graduation.
- Students must earn at least 30 percent of their degree requirements in residence at Georgia Southern University. The last 45 hours of work must be earned at Georgia Southern University.
- For the B.A. degree, a maximum of 45 hours of upper division coursework in the major may be allowed to count toward the minimum of 190 hours required for graduation.
- For the B.S. degree, a maximum of 60 hours of upper division coursework in the major may be allowed to count toward the minimum of 190 hours required for graduation.
- At least half of the courses required in the major must be taken at Georgia Southern University.
- At least fifteen hours of the twenty required in the minor must be taken at Georgia Southern University.
- A maximum of five hours may be taken under the S/U grading system within any minor.
- The adjusted GPA of all courses (at least 190 quarter hours) applying to the degree must be 2.0.
- Students seeking a second major within the same degree program must complete the specific requirements for both majors. An application for the second major must be submitted to the Registrar's Office. Both majors will be noted on the transcript.
- A student cannot graduate immediately following the quarter he/she is in attendance as a transient student at another institution unless an official transcript of transient credit is received by the registrar prior to graduation. This policy also applies to courses taken by correspondence or extension.
- A student must fulfill all major, minor and specific requirements prescribed for the degree and satisfy the legal requirements with regard to evidence of an understanding of the history and constitutions of Georgia and of the United States.
- A student must pass the Regents' Test as required by the University System of Georgia. (See Regents' Testing Program) Satisfactory scores will be evidence of competence and shall satisfy the requirement. This is a requirement for graduation.
- All students will be required to complete any current requirements beyond the catalog, such as legislative, certification and Board of Regents requirements.
- Students typically satisfy the requirements for graduation listed in the catalog when they initially enroll at Georgia Southern. With the approval of their advisor, they may elect to satisfy the graduation requirements specified in any of the catalogs in effect while they are enrolled. However, if a student has been out of school for ten or more calendar years and reenters, the current catalog requirements (at time of re-entry) will apply. Exceptions to the ten-year provision may be granted in rare circumstances. Any such exception requires the approval of the advisor, department chair, and the dean.
- A change of major does not constitute a change of catalog. A student may change to the current catalog at any time if approved by the advisor. Advisors may recommend course substitutions when deemed necessary by submitting the request for approval to their department head. The substitution is then submitted to the Registrar who will review each request in accordance with the Board of Regents and institutional policies.
- For non-music majors not more than ten hours in performing groups (MUE) and applied music courses (MUA) may apply toward satisfying the minimum of 190 hours required for the degree.

- For non-physical education and non-recreation majors a maximum of six hours in physical education activity courses may apply toward satisfying the minimum of 190 hours required for a degree.
- Only two hours of credit from GSU120 or GSU220 may apply to the 190 hours required for graduation.
- Students may take EP121a,b,c, and EP221a,b,c repeatedly; but, a maximum of four credit hours may be applied to the 190 minimum for graduation.
- Credit for ROTC Courses will appear on the student's record. Six of these credit hours, either transfer or resident, may be applied toward the 190 hours required for a degree provided it meets with the approval of the appropriate advisor and department.
- Students must complete English 151 and 152 with a minimum grade of "C". English 151 must be completed with a minimum grade of "C" before the student may enroll in English 152.

Second Degrees

A graduate of any program may receive the baccalaureate degree of any other program by completing all the additional studies required in that program and by meeting residence requirements for the second baccalaureate degree. The minimum resident requirement is 30 percent of the degree requirements being taken at Georgia Southern University. Students may not earn the same degree a second time at Georgia Southern.

Graduation With Honors

Only baccalaureate and post-baccalaureate (not graduate) degree candidates are eligible to graduate with honors. The following requirements must be met:

1. At least 90 hours of credit must be earned at Georgia Southern University.
2. At least 75 hours of credit must be earned in regularly scheduled academic courses at Georgia Southern University in which "A", "B", "C", "D", "F" grades are assigned.
3. The first GPA criterion is that the minimum average for a particular level of honors must be earned on all undergraduate coursework taken at Georgia Southern University.
4. The second GPA criterion is that the minimum average for a particular level of honors must be earned on all undergraduate coursework attempted at all institutions attended.
5. In applying the two GPA criteria, the lower GPA will be used to assess the level of honors, if any.
6. The honors assigned and the scholastic records are:

Cum Laude	3.5 - 3.6
Magna Cum Laude	3.7 - 3.8
Summa Cum Laude	3.9 - 4.0
7. Spring quarter grades for June Graduation, Summer quarter grades for August Graduation, and Fall quarter grades for December Graduation will not be used in computing the GPA for honors prior to graduation. (Credit hours earned in the last quarter apply toward the 90 hour minimum). After June, August and December graduations, the GPA is rechecked for honors, which may be added if qualified.

8. **HONORS FOR SUBSEQUENT BACCALAUREATE DEGREES:** In addition to the foregoing, a third GPA criterion applies to students earning subsequent undergraduate degrees. The student must earn the minimum average for a particular level of honors on all coursework taken between the most recent undergraduate degree and the current degree. The lowest of the three GPA calculations will be applied to assess the level of honors, if any.

Honors Day - Academic Awards

Each year in May the university honors outstanding students from all disciplines and areas of college life. The Honors Day Convocation highlights outstanding awards such as The Alumni Association Scholarship Award, Excellent Scholarship, selection to the Honor Society of Phi Kappa Phi and other honor societies, Who's Who Among Students in American Universities and Colleges, and Constructive Leadership/Unselfish Service. In addition, other students receive special awards from departments and divisions of the college or from business organizations.

To be honored for Excellent Scholarship, the student must have earned at Georgia Southern University a cumulative grade point average of 3.5 or better. The student must have completed at least 30 hours of resident degree credit at Georgia Southern University. This group will include currently enrolled students, those who have completed requirements for the upcoming graduation and post baccalaureate students working toward a second degree.

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

1. A GPA of 3.5 or above with senior status; 3.7 or above with junior status.
2. Sound character.
3. Enrollment at GSU for at least one year.
4. Junior or senior status. (Number of seniors elected may not exceed 10 per cent of the candidates for graduation that year.)
5. Graduate status. (Number of graduate students elected may not exceed 10 percent, juniors 1 percent, of students receiving graduate degrees from the University that year.)

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

1. A cumulative grade point average of 2.8 or above.
2. Campus and/or community leadership.
3. Campus and/or community service.
4. Junior or senior.

Any member of the faculty, staff, or student body may nominate candidates for Who's Who Among Students in American Universities and Colleges. Final selections will be made by the Honors Committee from these nominations. These awards will be presented on stage.

Selections for Leadership/Service awards will be made on the basis of the following criteria:

1. A cumulative grade point average of 2.5 or above.
2. Must not have been selected for Who's Who.
3. Number selected cannot exceed the Who's Who allotment.
4. Points system used in the Who's Who criteria will be used for Leadership and Service.
5. Honors Committee will make final selections.
6. Awards will be made on stage.

Selections for Special Awards will be made by the various organizations and departments in keeping with established criteria. Any organization wishing to present a new award should make application through the Honors Committee.

Degree Requirements on United States and Georgia History and Constitution

Georgia law requires that each candidate for a degree or certificate demonstrate a knowledge of the history and constitution of the United States and Georgia. These requirements may be met by passing examinations offered each quarter or by receiving a passing grade in certain courses.

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

- PSC 250 satisfies Georgia Constitution and U.S. Constitution
- HIS 252 or HIS 253 satisfies Georgia History and U.S. History
- PSC 350 satisfies Georgia Constitution
- HIS 450 satisfies Georgia Constitution and Georgia History

The requirements are satisfied by completing Georgia Southern's Core Curriculum. Equivalent courses taken at other institutions may not meet these requirements. Therefore, students who transfer courses from other colleges should have their transcripts evaluated by the registrar at Georgia Southern University no later than the beginning of the senior year to see if these courses satisfy the requirements.

Students taking College Level Examination Program tests or Advanced Placement Program tests for PSC 250, HIS 252, or HIS 253 should be aware that credit for these exams will satisfy only the U.S. components of the history and constitution requirements.

Foreign Language Requirements

I. Requirements for Students Not Subject to CPC—High School Graduation before Spring 1988

Students graduating from high school before Spring 1988 are not subject to CPC. These students may count the first and second level (151 and 152) of a foreign language toward graduation even though they may have completed these levels of the same language in high school.

II. Requirements for Students Subject to CPC—High School Graduation Spring 1988 and later

Students graduating from high school Spring 1988 and later are subject to CPC. These students are required to complete two years of the same foreign language in high school to satisfy CPC requirements. They may not count toward college graduation the first and second courses (151 and 152) of the same foreign language taken in high school because this would be the same as repeating the courses they took in high school. A student may not receive duplicate credit in foreign languages.

Students who received GED's Spring 1988 and after are subject to CPC. These students must meet the same CPC requirements as a student who graduated from high school Spring 1988 and after.

Students who graduate from high schools outside of the United States are not subject to the CPC requirements.

Students whose native language is not English and have graduated from a high school in the U.S., and who have not satisfied CPC in high school, may take a proficiency exam in their native language and satisfy their CPC requirements if they are proficient at the second level of their language.

III. Foreign Language Degree Requirements

A. BA Degree Requirements

BA degree students **MUST** take FL 153 and FL 252 (or pass these courses by taking local proficiency exams) if they continue the same language. They **MAY** take FL 151 and/or 152 if their preparation is deficient, but they will receive no credit toward graduation for those two courses.

BA degree students who choose to start a **DIFFERENT** language may take all four courses (FL 151, 152, 153, and 252). All will count toward graduation.

B. BS Degree Requirements

BS degree students **MUST** take FL 153 (or pass these courses by taking local proficiency exams) if they continue the same language. They **MAY** take FL 151 and/or 152 if their preparation is deficient, but they will receive no credit toward graduation for those two courses.

BS degree students who choose to start a **DIFFERENT** language must take FL 151 and FL 152. Both will count toward graduation.

REMEMBER: STUDENTS MAY NOT GET "DUPLICATE" CREDIT BY REPEATING THE FIRST TWO COURSES OF A LANGUAGE THEY TOOK IN HIGH SCHOOL IF THEY ARE SUBJECT TO CPC.

Core Curriculum Course Requirements

AREA I	HUMANITIES AND FINE ARTS	20 HOURS
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The following English courses must be taken in sequence:*

ENG 151 and 152 - English Composition I and II 10 Hours

ENG 251, 252, or 253 - Literature of the Western World 5 Hours

* *ENG 151/152 must be completed with a minimum grade of "C" before the student may enroll in subsequent English course*

Five hours from the following 5 Hours

ART 160 - Art in Life

MUS 152 - Intro to Music

PHI 150 - Survey of Philosophical Thought

CAT 257 - Intro to Theatre

CAS 251 - Fundamentals of Public Speaking - ENG 151 Prerequisite

CA 252 - Intro to Human Communication - ENG 151 Prerequisite

AREA II	MATHEMATICS AND NATURAL SCIENCES	20 HOURS
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Five hours from the following math 5 Hours

MAT 150 - Intro to Mathematical Modeling**

MAT 151 - College Algebra**

MAT 152 - Trigonometry

MAT 155 - Business Calculus Prereq. MAT 151 or equivalent (Business Majors)

MAT 165 - Pre-Calculus (Combines Mat 151/152)

MAT 166, 167, 264, OR 265 - Cal I, II, III, OR IV

**Credit cannot be received for both MAT 150 and MAT 151 in Area II of the Core Curriculum

Ten hour laboratory sequence from the following 10 Hours

BIO 151 AND 152 - General Biology I & II

BIO 161 AND 162 - General Biology I & II (Open only to Biology Majors)

CHE 171 AND 172 - Intro to General Chemistry/ Intro to Organic Chemistry

CHE 181 AND 182 - Chemical Structure and Properties/Chemical Reactivity

GLY 151 AND 152 - Gen. Physical and Historical Geology

PHS 161 AND 162 - Planetary Astronomy and Stellar and Galactic Astronomy

PHY 251 AND 252 - (253) - Gen. College Physics I, II, (III)

PHY 261 AND 262 - (263) - Gen. College Physics for Science, Engineering, and Mathematics students;
Prerequisite MAT 167 concurrently

Five hours additional mathematics or science from the above or one of the following 5 Hours

BIO 165 - People and the Environment

CHE 165 - Chemistry and Your World

GGY 150 - Physical Geography

GLY 165 - Principles of Environmental Geology

GT 165 - Technology, Science, and Environment

STA 255 - Intro to Statistics Using the Computer (Prerequisite - 5 hours Math)

PHS 151 - Principles of the Physical Universe, with Lab

PHS 152 - General Astronomy

AREA III	SOCIAL SCIENCE	20 HOURS
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HIS 152 or 153 - Development of Civilization I or II 5 Hours

HIS 252 or 253 - U. S. History I (to 1877) or II (since 1877) 5 Hours

PSC 250 - American Government 5 Hours

Five hours from the following 5 Hours

ANT 150 - Intro to Anthropology

GGY 250 - World Regional Geography

PSY 150 - Intro to Psychology

SOC 150 - Intro to Sociology

ECO 250 or 251 - Principles of Economics (Business majors will take these in Area IV)

ECO 260 - Basic Economics (non-Business majors)

OTHER REQUIREMENTS: HEALTH AND PHYSICAL EDUCATION (Kinesiology)	7 HOURS
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HTH 131 - Personal Health Promotion 3 Hours

KIN - Physical Activities (4 1-hour courses) 4 Hours

Degrees and Programs

Subject Area	Degree(s)	Minor	Teacher Certification	Other
Accounting	BBA, MAcc	.		
Adult & Vocational Education	MEd			
Advertising				Emphasis
African-African Am Studies		°		
Agribusiness				Emphasis
American Studies		*		
Anthropology	BA	°		
Apparel Design	BSFCS			
Apparel manufacturing	BSManu	*		
Art	BA, BFA, MFA	°		
Art Education	BSEd, MEd, EdS		°	
Banking				E m p h a s i s
Biology General	BA, BS, BSB, MS	*		
Bldg. Construction & Contracting	BSCons			
Broadcasting	BS			
Business	BBA, MBA, Exec. MBA	*		
Business Education	BSEd, MEd		*	
Chemistry	BA, BS, BSCHEM	°		Dual Degree-GA Tech
Child Development				Emphasis
Civil Engineering Technology	BSCET			
Coaching Education				Concentration
Communication Arts	BA	°		
Community Health Education,	BSHS			
Comparative Literature		*		
Computer Science	BS	*		Emphasis
Consumer Studies	BSFCS			
Counselor Education	MEd, EdS		°	
Culture and Society				Concentration
Curriculum Studies	EdD			
Dietetics				Emphasis
Dual degrees (3 yrs GSU/ 2 yrs GA Tech) *See "Other" column for applicable areas				
Early Childhood Education	BSEd, MEd, EdS		°	
Economics	BA, BBA	*		
Education Administration	EdD			
Educational Leadership	MEd, EdS		*	
Electrical Engineering Technology	BSEET			

Subject Area	Degree(s)	Minor	Teacher Certification	Other
2-Plus Engineering Program				Program
English	BA, MA	*		
English Education	BSEd, MEd, EdS		*	
Entrepreneurship (Small Business Management)				Emphasis
Exercise Science	BK			
Family & Child Studies	BSECS	*		
Family Development				Emphasis
Family Nurse Practitioner	MSN			
Family Service				Emphasis
Fashion Merchandising				Emphasis
Food and Nutrition	BSECS	*		
French	BA BSEd MEd	::	o	
General Studies	BGS			
Geography		::		
Geology	BA BS	*		
German	BA BSEd MEd	*	o	
Health & Aging Studies		o		
Health & Physical Education	BSEd MEd EdS		*	
Health Promotion	BSHS			
Higher Education Student Service	MEd			
History	BA MA	::		
Home Economics	BSEd		::	
Hospitality Administration				Emphasis
Human Resources				Emphasis
Industrial Safety & Environmental Compliance				Concentration
Industrial Engineering Technology	BSEI			
Industrial Management	BSMant			
Information Systems	BIA			
Instructional Technology	MEd EdS		::	
Interior Design & Housing	BSECS	*		
International Business				Emphasis
International Economics				Emphasis
International Studies	BA	*		
International Trade	BS			

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Subject Area	Degree(s)	Minor	Teacher Certification	Other
Jazz Studies				Emphasis
Journalism	BS	*		
Justice Studies	BSJS	*		
Kinesiology	BS, MS			
Latin American Studies		*		
Library Science		*		
Linguistics		o		
Logistics-Intermodal Transportation	BBA			
Management	BBA	.		
Managerial Accounting				Emphasis
Manufacturing	See Ind. Management ,			Concentration
Marketing	BBA			
Mathematics	BA, BS, BSMAT, MS	o		Dual Deg.-GA Tech
Mathematics Education	BSEd, MEd, EdS		o	
Mechanical Eng. Technology	BSMET			
Medical Technology	BSMT			
Middle Grades Education	BSEd, MEd, EdS		*	
Military Science		*		Army ROTC
Music	BA, BM			
Music Business	BM			Emphasis
Music Composition	BM, MEd, EdS		o	
Music Education	BM			
Music Performance				
Natural & Cultural Resources Management				Emphasis
Nursing	BSN, MSN			
Philosophy	BA	*		
Physics	BA, BS	*		Dual Deg.-GA Tech
Political Science	BA, BS, MA	*		
Print Management	BSPMGT	o		
Production Operation				Emphasis
Psychology, General	BA, BS, MS	*		
Public Accounting				Emphasis
Public Administration	MPA			
Public Relations	BS			
Reading Specialist	MEd, EdS		*	
Real Estate				Emphasis

Subject Area	Degree(s)	Minor	Teacher Certification	Other
Recreation Administration	BSR, MRA			Emphasis
Regents' Engineering Transfer Program (RETP)				Program
Religious Studies		*		
Resort & Commercial Recreation				Emphasis
Restaurant, Hotel & Institutional Administration	BSFCS			
Retailing Management				Emphasis
Risk Management & Insurance				Emphasis
Rural Community Health Nurse Specialist	MSN			
Sales & Sales Management				Emphasis
Science Education	BSEd, MEd, EdS		*	
School Psychology	MEd, EdS		*	
Social Science	BSEd, MEd, EdS		*	
Social Work				Emphasis
Sociology	BA, BS, MA	*		
Spanish	BA, BSEd, MEd	*	*	
Special Education	BSEd, MEd, EdS		*	
Speech Communication	BS			
Sport Administration				Emphasis
Sport Communication				Emphasis
Sport Management	BS, MS			
Sport Promotion				Emphasis
Sports Medicine	BSK			
Technology	B A S , M T			
Technology Education	BSEd, MEd, EdS		*	
Theatre	BA	*		
Therapeutic Recreation				Emphasis
Trade and Industrial Education	BSEd		*	
Travel & Tourism				Emphasis
Women & Gender Studies		*		
Writing		*		

Georgia Southern University offers or will endeavor to offer **Co-Operative Education Programs** in most areas of study excluding majors in nursing and those within College of Education. **Please contact Career Services** for more detailed information.

University Programs & Courses

Bachelor of General Studies Degree (B.G.S.)

for non-traditional college students who are interested in combining a liberal arts background with some degree of specialization. It offers a solid core curriculum program along with the freedom to choose from a wide range of concentrations.

While the General Studies degree allows for study in several areas, it is organized to provide an academically sound program with carefully planned concentrations. The student who earns this degree will have achieved a broad based education that meets high standards of learning.

The program is administered by the Academic Advisement Center.

Requirements

II, and III including the requirements for Health and Physical Education).

Area IV

Foreign Language through 152	10 hours
Fine Arts course	5 hours
Computer literacy course	5 hours
Social or Natural Science course	5 hours
Interdisciplinary Study course(s)	5 hours
Total	30 hours

The General Studies Degree requires students to complete three areas of concentration, which they may select from a wide range of offerings. Each concentration consists of twenty-five hours, generally five courses, and mostly at the upper division.

The three concentrations add up to a total of 75 quarter hours. Ten of these hours may be at the lower division (100-200) level, but 65 of the hours must be at the upper division (300 or above) level.

The remaining eighteen hours to meet the required 190 total hours will be electives approved by the advisor.

The following concentration areas are available:

African/African American Studies

African and African American Studies 350 and four courses from at least three different disciplines.

American Studies

American Studies 355, 450, and three courses with significant American Studies dimensions in two disciplines other than the major. The three elective courses must be approved by the American Studies Committee.

Business

The courses required for the business concentration should be selected in consultation with a faculty advisor to provide a representative understanding of the basics of business. Courses will include ACC 260 -- Survey of Accounting and any other four courses selected from the following: LST 252 or any 300 or 400 level business course for which prerequisites have been satisfied.

Culture and Society

Both Anthropology and Sociology 150 are prerequisites for this concentration. Of the 25 hours required, 15 hours will be selected from one discipline and ten hours from the other.

ANT 351 World Archaeology

ANT/CA/ENG 5472 Sociolinguistics
 ANT 582 Comparative Social Structures
 SOC 352 Urban Sociology
 SOC 356 Self and Society
 SOC 452 Community Organization
 SOC 455 Sociology of Religion
 SOC 460 Social Stratification
 SOC 475 Organization
 SOC 480 Sociology of the Family
 GGY 357 Cultural Geography

Education

FED 251 Foundations of Education
 FED 260 Human Growth and Development
 15 hours from upper division Education courses. (Note: Admis-

point average of at least 2.50, is required prior to enrolling in any education course numbered 300 or above.)

Industrial Management

Scheduling of the following courses must be approved in advance by the chair of Industrial Technology.

IM 351 Intro to Industrial Management
 IM 352 Applied Industrial Statistics
 IM 471 Industrial Supervision
 MFG 350 Ind. Proc and Materials
 IM 454 Quality Assurance

International Studies

International Studies 350, Global Issues, International Studies 360, Contemporary World Cultures, and three other courses with significant international dimension from three different disciplines. The three elective courses must be selected from the list of courses approved by the International Studies Curriculum Committee. Copies of the list of approved courses are available at the Center for International Studies.

Latin American Studies

Latin American Studies 450 and four courses from at least two different disciplines, selected from the following and approved by the Latin American Studies Coordinator.

GGY/LAS 460 Geography of Latin America
 HIS/LAS 371 Latin America - The Colonial Period
 HIS/LAS 373 Mexico and the Caribbean
 HIS/LAS 374 A.B.C. Powers PSC/LAS
 378 Latin American Politics
 SPA/LAS 355 Latin American Civilization
 SPA/LAS 455 Latin American Literature

Linguistics

Twenty-five hours selected from the following and approved by the Linguistics Committee.

ENG 4452 History of the English Language
 ENG 4453 Advanced Composition
 CAS 335 Phonetics
 CAS 443 Semantics
 CAS 551 Descriptive Linguistics
 FL/ANT 350 Intro to Language
 FL 351 Latin and Greek Vocabulary in English
 ANT/CA/ENG 5472 Sociolinguistics

Printing Management

PM 250 - Graphic Arts I and 20 additional hours selected from the following and approved by the chair of Industrial Technology.

PM 332	Printing Inks and Substrates
PM 335	Law and Ethics of Printing Industry
PM 350	Graphic Arts Tech II
PM 365	Image Preparation
PM 432	Printing Production
PM 452	Graphic Arts Tech III
PM 495	Special Problems

Religious Studies

Religious Studies 450 and four courses from at least three different disciplines, selected from the following and approved by the Religious Studies Committee.

PHI/RS 352	Great Moral Philosophers
PHI/RS 370	World Religions
PHI/RS 553	Philosophy of Religion
PHI/RS 357	Psychology of Religion
HIS/RS 381	Intro to the History of Religion in the U.S.
HIS/RS 384	Heresy and Dissent in Western Religious History
HIS/RS 451	The Age of the Reformation
HIS/RS 467	Major Themes in Western Religious History
SOC/RS 455	Sociology of Religion
ENG/RS 5405	The Bible as Literature

Southern Studies

Within the interdisciplinary concentration, students may select no more than 10 hours in any discipline.

ANT 456	Georgia Archeology
ANT 457	The Rural South
ANT 461	Indians of the Southeastern U.S.
ENG 5462	Southern Literature
GGY 453	Geography of the South
HIS 450	Georgia History
HIS 452	The Civil War and Reconstruction
HIS 458	The New South
HIS 474	American Negro History
HIS 480	The Antebellum South
PSC 350	State and Local Government
PSC 356	Minority Politics
SOC 359	Race and Ethnic Relations
SOC 455	Sociology of Religion
SOC 457	The Rural South

Women's and Gender Studies

Women's and Gender Studies 350 and four courses selected from the following, or others approved by the Women's and Gender Studies Committee.

CA/WGS 441	Women and Media
CAS/WGS 349	Communication and Gender
ENG/WGS 5420	Literature by Women
HIS/WGS 351	Women in American History
HIS/WGS 387	Women in Modern European History
PSC/WGS 372	Women and Politics
PSY/WGS 358	Psychology of Women
SOC/WGS 355	Sociology of Sex Roles
WGS 491	Special Problems in Women's and Gender Studies
PHI/WGS 390	Feminist Philosophy
WGS 399	Selected Topics in Women's and Gender Studies
WGS 468	Contemporary Hispanic Women Writers

Individual Emphasis

Student must submit a proposed plan including justification of the plan. The plan must be presented to the Bachelor of General Studies advisor and appropriate department chairs for approval. If the plan is acceptable, all involved must sign the plan indicating approval.

Emphasis must comprise twenty-five hours of upper level (300 or above) courses. Prerequisites and 100 and 200 level courses will not count in the twenty-five hours.

Enrichment Program

F. Richter, Director (681-5803)

Georgia Southern University regularly provides a generous range of culturally enriching extra classroom activities, including films, lectures, symposia, music concerts, dance, opera and theatre performances, art and museum exhibits, historical and aesthetic tours and field trips. Fundamentally interdisciplinary and drawing on these resources, the Enrichment Program is structured around a prepared schedule of weekly extra classroom events selected from among those offered on campus. Classes meet two hours per week. Two hours credit. No prerequisites.

Enrichment Program Curriculum**EP 121a,b,c—Enrichment Program**

A combined activity/seminar course designed to engage students in a broad range of extra classroom intellectual, cultural, and aesthetic events as a regular part of their educational experience. Students may take the course repeatedly, but a maximum of four credit hours may be applied to the 190 minimum for graduation.

The Orell Bernard Bell and Sue Louise Floyd Bell Honors Program

The Bell Honors Program offers a challenging and innovative interdisciplinary alternative core curriculum for the exceptionally able, creative, and motivated student.

The program provides a context in which such students can make full use of their abilities in intellectually stimulating courses which nurture originality, critical thinking, and a genuine love of learning. The program curriculum meets general education requirements, providing Bell Honors Program Scholars well-prepared entry into any major program or specialization available at Georgia Southern University.

The Bell Honors Program features small classes with high faculty-to-student ratios. The approach is interdisciplinary; classes are team-taught by two or more professors from a variety of academic disciplines. Classes are informal, emphasizing discussion and independent endeavor. These characteristics are particularly prominent in the Freshman and Sophomore Honors Seminars, meeting weekly for discussion of problems-oriented reading. The Honors Colloquia, taken during the junior and senior years, provide continuity of the atmosphere of the seminars while students are involved in their major programs of study.

The Bell Honors Program is governed by an Honors Council composed of ten faculty members, representing all major units of the university, and two Bell Honors Program Scholars, elected annually by their peers in the program. Selection to the program is in the hands of this body.

Each year in the spring a maximum of eighteen new Bell Honors Program Scholars are selected from among applicants who are completing their senior high school year and who will enter Georgia

Southern as new freshmen in the ensuing fall quarter. High school seniors with outstanding scores on the SAT or ACT and exemplary high school academic records are invited to apply for admission, but these are not the absolute nor the only criteria of selection. Other evidence of unusual academic promise and creativity will receive full and careful consideration. A personal interview with the Honors Council is the final stage of selection. High school juniors considering early enrollment in college may also apply, but particularly strong credentials are expected of such applicants. All students admitted to the Bell Honors Program receive scholarships covering the costs of tuition, including out-of-state fees for students who are not residents of Georgia.

Prospective students seeking additional information on the Bell Honors Program or wishing to apply for admission to the program should contact: Professor Hew Joiner, Director, The Bell Honors Program, PO Box 8036, Georgia Southern University, Statesboro, GA 30460-8036, (912) 681-5773.

Except in highly unusual circumstances, no applications can be accepted later than March 1.

The Bell Honors Program Curriculum

AREA I—Humanities and Fine Arts

HON 151, 152—Communication in the Humanities, I, II

An articulated two-quarter course offering creative approaches to nurturing clarity and effectiveness in the writing and speaking of the English language, and to thinking clearly, logically, and effectively about a broad range of content in the humanities. Includes an introduction to effective use of research and reference materials. (Sequence of two, five-hour courses) Fall and winter quarters of freshman year.

HON 250—Ideas and the Arts

An interdisciplinary introduction to philosophy and the fine arts and their interrelationships. (Single five-hour course) Spring quarter of sophomore year.

ENG 251, 252, or 253 (5 Hours)

With the approval of the Department of English, Bell Honors Program scholars are encouraged to take one of the departmental honors sections of these courses. Any quarter.

AREA II—Mathematics and Natural Sciences

HON 191, 192, 193—The Languages and Mind of the Sciences, I, II, III

An articulated three-quarter course introducing students to the languages, methods, modes of thought of the physical sciences, with particular emphasis on nurturing the student's understanding of mathematics. Also includes introduction to the use of computers. Students completing this course are equipped to enter the second calculus course. (Sequence of one four-hour, two three-hour courses) Fall, winter, and spring quarters of freshman year.

Ten hours in one of the following laboratory science sequences:

BIO 151-152 or *161-162
 CHE 171-172
 CHE 181-182
 GLY 151-152
 PHY 251-252
 PHY 261-262

* BIO 161 and 162 sequence is open only to biology majors.

AREA III—The Social Sciences

HON 131—Social Science Perspectives: The Human Dawn

An interdisciplinary approach to tracing the development of civilization from the earliest cultures, East and West, down to the waning of Roman power in the West and the cresting of Gupta power in India. (3 hours) Winter quarter of freshman year.

HON 132—Social Science Perspectives: Medieval Cultures

An interdisciplinary continuation of Honors 131, down through the age of Tamerlane, Dante, and the high tide of Ottoman power in the Middle East. (3 hours) Spring quarter of freshman year.

HON 133—Social Science Perspectives: The Genesis of Modern Cultures

An interdisciplinary continuation of Honors 132, from the era of the high Renaissance in the West, the Ming period in China, and the cresting of the Incan Empire, via the Protestant Revolt, the age of explorations, the Mughal Empire in India, the scientific revolution and Enlightenment, down to the end of the age of Napoleon. (3 hours) Fall quarter of sophomore year.

HON 134—Social Science Perspectives: The Foundations of Contemporary Cultures

An interdisciplinary continuation of Honors 133, analyzing critical developments in the nineteenth and twentieth centuries, down to the end of the second world war. (3 hours) Winter quarter of sophomore year.

HON 135—Social Science Perspectives: The Nature of Contemporary Cultures

An interdisciplinary conclusion to the sequence, aimed at broadening and deepening understanding of the diversity of cultures and cultural relationships characteristic of the world today. (3 hours) Spring quarter of sophomore year.

Five hours from among the following: ANT 150, ECO 250, ECO 251, ECO 260, ECO 295, GGY 250, HIS 252, HIS 253, PSC 250, PSY 251, SOC 150.

The Honors Seminars and Colloquia

HON 111-112-113—The Freshman Honors Seminar

An integrated three-quarter sequence of weekly seminars, involving reading and discussion about a focal topic or problem, or about a set of interrelated topics or problems. Approach and content is determined by the instructor whose proposal is selected each year by the Honors Council. (Sequence of three one-hour courses) Fall, winter, spring quarters of freshman year.

The same description applies to: HON 211-212-213, The Sophomore Honors Seminar; HON 311-312-313, The Junior Honors Colloquium; HON 411-412-413, The Senior Honors Colloquium.

Bell Honors Program Scholars are normally expected to take both the junior and senior honors colloquia. However, students who take Junior Years Abroad, who are involved in departmental honors work in their senior years, or have other special circumstances, may apply to the Honors Council for an exemption from one of the colloquia if they wish. Such exemptions must be approved in advance by the council.

INTERNATIONAL STUDIES B.A. 190 HOURS

The Center for International Studies at Georgia Southern offers a course of study designed to provide students with a basic knowledge of world affairs and how they affect American foreign and domestic policies. One of the main objectives of this program is to prepare students to cope realistically and intelligently with the changing world, a world which is becoming increasingly interdependent and in which vast new multiplications of cultural forces are emerging. Students may major in International Studies or International Trade.

See page 25 for Core Curriculum, Areas I-III, required of all majors.

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Areas III - Social Science	20 Hours
Area IV	30 Hours

Foreign Language (153 and 252 or equivalent) (0-10)

STA 255 - Statistics Using the Computer I (5)

STA 256 - Statistics Using the Computer II (5)

ANT 150, ECO 250, 251, or 260; GGY 250; HIS 152, 153, 252, or 253; SOC 150 (10-20)

Specific Requirements

IS 350 - Global Issues (5)

IS 360 - Contemporary World Issues (5)

ANT 475, HIS 350 or PSC 363 (5)

Students will take a further thirty-five (35) quarter hours within the major, choosing four courses from one of the three central themes under the Topical Emphases (list A) below. They must include one course each from two of the four world areas listed under (B) below. They will also include one course in the theory of the field (C), chosen on consultation with the advisor. A grade of "C" or above must be made in every course of the International Studies major.

*(A) Topical Emphases	*(B) Area Emphases	(C) Theory
1. Modernization, Development, and Environment	1. Asia	
2. War and Peace Studies	2. Africa	
3. Society, Cultures, and Tradition	3. Europe	
	4. Latin America	

*The list for Topical and Area Emphases is available at the Center for International Studies in the Forest Drive Bldg.

INTERNATIONAL TRADE* B.S. 190 HOURS

See page 25 for Core Curriculum, Areas I-III, required of all majors.

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Areas III - Social Science	20 Hours
Area IV	30 Hours

Business Core

FIN 351 - Corporation Finance I (5)

FIN 553 - International Finance (5)

ECO 356 - Global Economic Problems (5)

LST 360 - International Business Law (5)

MGT563 - International Management (5)

MKT 465 - International Marketing (5)

International Studies

GGY 356 - Economic Geography (5)

PSC 380 - Intro to International Politics (5)

IS 350 - Global Issues (5)

IS 360 - Contemporary World Issues (5)

Foreign Language Upper Division Courses	20 Hours
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Foreign Language 357 - Intro to Commercial French/German (5)

Elective	5 hours
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Internship	15 Hours
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The student is to be placed in a business outside of the U.S. to be immersed in the business practices, culture and language which have been studied to complete the foreign language requirement. However, because of extenuating circumstances or the inavailability of internships, it may be necessary to make alternative arrangements. A team of faculty advisors from the College of Business Administration, the Center for International Studies, and the Department of Foreign Languages will be responsible for making such arrangements on a case-by-case basis.

*A grade of "C" or above must be made in every course of the International Trade major.

ADVISEMENT: Dr. Zia H. Hashmi, Director, Center for International Studies, PO Box 8106, (912) 681-0332

International Studies Abroad

Studying abroad enables students to increase knowledge of a foreign language, provides the opportunity to gain insights into and appreciation for the cultures and institutions of other peoples, facilitates the development of relevant career skills, and contributes to personal maturity, a sense of independence, self-knowledge, and confidence.

Georgia Southern offers study abroad programs in a variety of disciplines. Each program is administered by the Dean of the appropriate College and coordinated by the Center for International Studies. Current programs include:

Doing Business Globally, College of Business Administration

Georgia Southern at Oxford, Departments of History, Early Childhood Education & Reading, and Middle Grades & Secondary Education

German Studies in Erlangen, Germany, Department of Foreign Languages

GSU in Segovia, Spain, Department of Foreign Language

Spirit of Place in British Literature, Department of Literature and Philosophy

Summer Studies Abroad in Costa Rica, Department of Foreign Languages

Summer Study Abroad in Italy and Greece, Department of Art

Summer Study in Saumur, France, Department of Foreign Languages

The Office of International Services and Programs of the University System of Georgia coordinates many opportunities for students to study abroad while earning academic credit toward completion of degree requirements at their home campus. Summer study abroad programs were offered in Africa, Asia, Austria, Europe, Canada, Central America, Mexico, and South America.

The European Council of the University System is sponsoring study abroad programs to London, England and to Metz, France. These unique programs feature faculty members from Georgia institutions who will teach a variety of core and upper-division courses at these overseas sites. Georgia Southern students may register on campus through the Center for International Studies.

The University System programs are open to all undergraduate students with a minimum cumulative GPA of 2.5; however, certain programs may require a higher GPA and completion of prerequisites. Graduate students are required to have a 3.0 GPA. Students in the University System of Georgia who are eligible for financial aid may use that aid toward System programs.

Information on Georgia Southern study abroad programs, on programs coordinated by the Office of International Services and Programs, and on numerous programs offered worldwide is available at the Center for International Studies in the Forest Drive Building.

For further information, contact Dr. Zia H. Hashmi, Director of the Center for International Studies or Dr. Nancy W. Shumaker, Assistant Director and Coordinator of Study Abroad Programs, Georgia Southern University, P.O. Box 8106, Statesboro, GA 30460-8106, (912) 681-0332.

See Course Descriptions for:

ISP 295—International Studies Abroad

ISP 396—International Studies Abroad

ISP 497—International Studies Abroad

Freshman Seminar Course

GSU 120—Freshman Seminar: Introduction to College

This course is designed to help freshmen understand the purpose of a college education, to learn about college resources and requirements, to explore values and interests, to learn to make decisions and realistic choices, to explore career objectives and programs of study, and to establish supportive relationships with faculty and staff. The course is open to interested freshmen during their first quarter at Georgia Southern.* When we move to the semester system, this course becomes required of all first year students.

*A student may apply no more than two hours credit from GSU 120 or 220 to the 190 hours required for graduation.

Learning Skills Course

GSU 220—Methods of Learning

This course is designed to promote academic success. Topics include test taking, note taking, improving memory, time management, and other useful learning skills. This course is designed to help students with their other courses. Course is open only to students with fewer than 90 hours except by referral of the Admissions Committee. This course is required of all freshmen with an adjusted grade point average of 1.5 or below unless they have already passed the course with a “C” or better.*

* A student may apply no more than two hours credit from GSU 120 or 220 to the 190 hours required for graduation.

Learning Support

Georgia Southern maintains the philosophy that all students who gain admission to the University should be given the best chance possible to succeed. Since students enter at many levels of ability and preparation, the University seeks to give assistance to each student where needed.

The purpose of the Learning Support program is to provide those students who have been admitted to the University with inadequate skills in reading, composition and/or mathematics, the opportunity to develop those skills to entry-level competency for regular freshman credit courses. If results of the placement tests reflect a need for assistance in developing academic skills of those who qualify for admission, students will be enrolled in a portion or in all of the Learning Support curriculum

Learning Support courses carry institutional credit but not credit toward a degree. Institutional credit is not used in computing grade point averages. If the diagnostic tests so indicate, a student may be allowed to enroll in one or more college- level courses for degree credit concurrently with Learning Support courses. The student's first obligation, however, is to satisfy Learning Support requirements, and a student may not accumulate more than thirty (30) hours of degree- credit courses before completing Learning Support requirements.

Students' progress will be assessed periodically, and they may move out of Learning Support courses at the end of any quarter, provided satisfactory levels of proficiency have been reached. Students must establish proficiency in Learning Support courses within a maximum of four quarters.

Students may carry a maximum of 18 hours except in their fourth quarter when they are limited to 12 hours.

Students who apply for or receive financial aid and who are enrolled as Learning Support students will receive the same consideration and awards as any other student.

Students who are not required to enroll in a Learning Support course may enroll on an audit-basis only. They will be expected to participate in the course and take the tests, but they will not be subject to the Learning Support exit requirements.

Applicants accepted for the Learning Support Program at Georgia Southern University must contact the Learning Support office should they wish to enroll at another college prior to attending Southern. (See policies for Admission as a Transfer Student.)

A Learning Support student who is placed on dismissal for failure to exit Learning Support may apply for readmission as a transfer student after satisfying Learning Support requirements and completing thirty hours of college-level work with a minimum 2.0 grade point average.

Department of Learning Support

Courses in Learning Support are offered by faculty members in the College of Liberal Arts and Social Sciences and the Allen E. Paulson College of Science and Technology.

Curtis Ricker, Chair

Associate Professors: L. Arthur, B. Bitter (Emerita), D. Purvis, C. Ricker

Assistant Professors: S. Boddiford, B. Carter, C. Crittenden, K. Ferro, D. Golden, G. Hicks (Emerita), E. James (Emerita), D. Jones (Emerita), V. Kennedy, M. McLaughlin, K. McCullough, B. Nichols, M. Nolen, P. Price, N. Saye, R. Stallworth-Clark, T. Thompson, P. Watkins, R. Wells, N. Wright

Instructors: T. Abbott, K. Albertson, R. Bogan, L. Braselton, D. Brown, J. Cason, N. Dessommes, M. Franklin, B. Freeman, D. Gibson, T. Giles, R. Gooding, A. Hodge, D. Hooley, N. Huffman, L. Keys, S. Lanier, J. McDougald, M. Mills, C. Nessmith, J. O'Brien, M. Pate, D. Saye, G. Shoultz (on leave), M. Sikes, D. Stapleton, J. Taulbee, D. Tuggle, J. Weisenborn, D. Westcot, P. Whitaker, L. Yocco

Temporary Instructors: C. Brady, J. Darley, D. Hodges, A. Moore

Part-time Instructors: E. DeLoach, K. Harwood, B. Warchol

See Course Descriptions for:

RDG 090—Regents' Test Intensive Reading Survey

RDG 099 A, B, C, D—Reading Development

ENG 099 A, B, C, D—Communication Skills

MAT 095—Algebraic Concepts

MAT 098 A, B, C—Elementary Algebra

MAT 099 A, B, C, D—Intermediate Algebra

Minors

Students in all baccalaureate programs who wish to do so may add a minor to their programs from the following list of minor programs. The Bachelor of Arts (B.A.) degree program requires a minor.

The courses to make up the minor should be planned with the major advisor, unless otherwise noted, and must be approved by the time the student applies for graduation.

Within the twenty hours of course work presented for the required minor in the B.A. programs or the optional minor in any bachelor's degree program, the student must have a minimum adjusted grade point average of "C," with no more than five hours of "D" work. A minimum of fifteen of the twenty hours must be earned at Georgia Southern. Internship hours may not be applied to the minor.

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

Anthropology

Prerequisites: ANT 150, Intro to Anthropology, or equivalent. 20 hours in anthropology from upper-division offerings.

Apparel Manufacturing

Prerequisite: MFG 150—The Manufacturing Enterprise

Minor Program: 20 hours from the following:

ADM 430—Apparel Trade and Regulation

ADM 452—Advanced Apparel Production

ADM 454—Quality Control/Testing

ADM 495—Special Problems in Apparel Manufacturing

AD 350—Principles of Textile/Apparel Design

AD 462—Computer Aided Apparel Design I or

FM 364—Textiles

Art

Prerequisites: ART 151 (Drawing), ART 152 (Design), or ART 252 (Three-Dimensional Design), or permission of the department chair. Minor program: 20 hours in art from upper division offerings upon approval of advisor.

Biology

Prerequisites: BIO 151 and 152. Minor program: 20 hours from upper-division course offerings. A maximum of ten hours from the following may be substituted for upper-division courses: BIO 281, 282.

Business

This minor is acceptable only as a second minor in the B.A. programs or as an optional minor in the other baccalaureate programs. Prerequisite: ACC 260 (Survey of Accounting) and ECO 260 (Basic Economics). Only courses completed after the accounting and economics courses may be used to satisfy the minor. Individual course prerequisites will be strictly enforced. Twenty upper-division hours must be chosen from the following courses: MGT 351, MKT 350, ECO 353, FIN 351, MGT 354 and BA 351. Students interested in the Business Minor should consult a College of Business Administration advisor prior to beginning any course work.

Chemistry

Prerequisite: CHE 261 (Quantitative Analysis). Minor Program: Twenty hours in chemistry from upper-division offerings exclusive of CHE 380.

Communication Arts

Prerequisites: Two of the following: CA 252 (Intro to Human Comm) or CA 250 (Intro to Mass Comm) or CAT 257 (Intro to Theatre). Minor program: 20 hours in communication arts from upper-division offerings.

Computer Science

MAT 166 and 167. Analytic Geometry and Calculus I and II
CSC 281 and 283—Principles of Computer Programming I and II
Twenty hours in computer science at the 300- and 400-level as approved by a computer science advisor.

Economics

Prerequisites: ECO 250 and 251 (Principles of Econ I & II), or equivalent. Minor program: 20 hours in economics from upper-division offerings.

English

Minor Program: 20 hours in English from upper-division offerings planned with major advisor.

Family and Child Studies

This minor is acceptable only as a second minor in the B.A. programs or as an optional minor in other baccalaureate programs. Prerequisite: FCS 271 (Intro Family Relations). Minor program: 20 hours in family and child studies (Family & Consumer Sciences) from upper-division offerings.

Fashion Merchandising

This minor is acceptable only as a second minor in the B.A. programs or as an optional minor in other baccalaureate programs. Prerequisite: AD 168 (Introductory Clothing). Minor program: Twenty hours selected from upper-division courses in fashion merchandising.

Finance

This minor is acceptable only as a second minor in the B.A. programs or as an optional minor in other baccalaureate programs. A minor in Finance is designed to provide the student with a better understanding of funds acquisition and management for both profit and nonprofit organizations. Prerequisites: ACC 251 & ACC 252 (Principles of Accounting I & II), ECO 260 (Basic Economics) and FIN 351 (Corporations Finance I). Minor program: twenty upper division hours including FIN 352 or FIN 353 plus three electives selected with the assistance of the Finance minor advisor.

Foods & Nutrition

This minor is acceptable only as a second minor in the B.A. programs or as an optional minor in other baccalaureate programs. Prerequisites: NFS 151 (Intro. Food Science) and either NFS 251 (Nutrition & Health) or a five-hour introductory course in nutrition. Minor Program: Twenty hours selected from NFS 354, NFS 451, NFS 452, NFS 453, AND NFS 455.

French

Prerequisites: FRE 252 or equivalent. Minor program: 20 hours in French from upper-division offerings. A minimum of ten hours at the 300 level is prerequisite for any 400-level course.

Geography

Prerequisite: GGY 250, World Regional Geography, or equivalent. 20 hours from upper-division courses in geography.

Geology

Minor Program: 20 hours in geology from upper-division offerings.

German

Prerequisite: GER 252 or equivalent. Minor program: 20 hours in German.

Health and Aging Studies

This minor is acceptable only as a second minor in the B.A. programs or as an optional minor in other baccalaureate programs. Minor Program: Four courses chosen from NFS 354, HTH 550, NUR 445, and REC 457.

History

Minor Program: 20 hours of upper-division history courses.

Industrial Safety and Environmental Compliance

Prerequisite: IM 351—Intro to Industrial Management

Minor Program: 20 hours from the following:

IM 550—Ergonomics

IM 552—Industrial Hygiene

IM 553—Hazardous Waste Management

IM 554—Human Resource Protection

IM 556—System Safety in Manufacturing

Information Systems

The information systems minor is acceptable only as a second minor in the B.A. programs or as an optional minor in other baccalaureate programs. A minor in Information Systems is designed to provide the student with the knowledge required to utilize computer based information systems more effectively in business. Prerequisites: CIS 251 and ACC 260 (Survey of Accounting). Twenty upper-division hours including CIS 381, CIS 384, CIS 488, and an Information Systems elective approved by an Information Systems Advisor from the College of Business Administration.

Interior Design

This minor is acceptable only as a second minor in the B.A. programs or as an optional minor in other baccalaureate programs. Prerequisite: IDH 281 (Housing and Interiors). Recommended but not required: TD 152. Minor program: 20 hours (including IDH 381) in upper-division interior design offerings.

Journalism

Prerequisite: CA 250 (Intro to Mass Comm), and CAJ 252 (Intro to Journalistic Writing). The following courses are required of all journalism minors: CAJ 343, CAJ 344, and either CAJ 346 or CAJ 347. The remaining eight hours may be selected from any of the upper-division offerings in journalism.

Justice Studies

Prerequisite: JS 251—Intro to Justice Studies. Minor program: 20 hours in justice studies from upper-division offerings planned with major advisor.

Library Science

Minor Program: 20 hours of approved library media courses.

Mathematics

Minor Program: 20 hours in mathematics from upper-division offerings approved by an advisor from the Department of Mathematics and Computer Science.

Music

Prerequisite: MUS 152 (Intro to Music), MUS 361 (Music Theory for the Non-Major), plus 15 hours of other upper-division offerings upon approval of Music advisor.

Philosophy

Minor Program: 20 hours of approved upper-division philosophy courses.

Physics

Minor Program: 20 hours in physics from upper-division offerings.

Political Science

Prerequisites: PSC 250 (American Government), or its equivalent and PSC 260, (Intro to Political Science). Minor program: 20 hours in political science from upper-division offerings planned with major advisor.

Printing Management

Prerequisite: PM 250—Graphic Arts Technology I

Minor Program: 20 Hours from the following:

PM 336—Desktop Publishing

PM 365—Image Preparation

PM 399—Selective Topics in Printing,

PM 453—Color Reproduction or

PM 456—Imaging Science

PM 332—Printing Inks and Substrates

PM 434—Quality Control

Psychology

Prerequisite: PSY 150 (Intro to Psychology) or its equivalent. Minor program: one of the following courses in developmental/personality/social psychology: PSY 371, 374, 375, 376; one of the following courses in experimental psychology: PSY 452, 453, 455, 457; and any two additional upper-level psychology courses.

Sociology

Prerequisite: SOC 150 (Intro to Sociology) or equivalent. Twenty hours in sociology from upper-division offerings.

Spanish

Prerequisite: SPA 252 or equivalent. Minor program: 20 hours upper-division courses.

Theatre

Prerequisites: CAT 251 (Stagecraft), CAT 255 (Acting I), or CAT 257 (Intro. to Theatre). Minor Program: 20 hours of upper division theatre courses (with CAT prefix).

Writing

Minor Program: 20 hours of upper-division courses, distributed as follows: Minimum of 15 hours in writing selected from ENG 364, 430, 453, 465, 466 and one additional course in English at the 400 or 500 level.

Interdisciplinary Minors

Minors are available in five interdisciplinary areas, each of which is coordinated by a committee of faculty from the disciplines involved. A student who minors in one of these typically will major in one of the disciplines whose courses are listed in the minor. Otherwise, the student must secure the approval of the committee. Approval also is required for the group of courses selected to comprise the minor.

Chairpersons of the committees are:

African and African American Studies - Dr. Abiodun Goke-Pariola (Acting), Writing and Linguistics

American Studies - Dr. Hal Fulmer, Communication Arts

Comparative Literature - Dr. David W. Robinson, Literature and Philosophy

International Studies - Dr. Zia H. Hashmi, Center for International Studies

Latin American Studies - Dr. Nancy W. Shumaker, Center for International Studies

Linguistics - Dr. Fred Richter, Literature and Philosophy

Religious Studies - Dr. George Shriver, History

Women's and Gender Studies - Vacant

African and African-American Studies

African and African American Studies 350 and at least one course from each area listed below:

Art/Music and Theatre

ART/AAS 484—African American Art History

CAT/AAS 356—African American Theatre

MUS/AS/AAS 360—History of Jazz Humanities

CAS/AAS 399—Selected Topics

ENG/AAS 363—African American Literature

ENG/AAS 399—Selected Topics

ENG/AAS 568—Images in African American Literature

HIS/AS/AAS 352—African American History to 1877

HIS/AAS 353—African American History Since 1877

HIS/LAS/AAS 373—Mexico and the Caribbean

HIS/AAS 385—History of Sub-Saharan Africa I

HIS/AAS 386—History of Sub-Saharan Africa II

HIS/AAS 477—History of African Nationalism

FRE/AAS 355—Non-European Francophone Literature

SPA/AAS 458—Afro-Hispanic Literature Social Sciences

ANT/SOC/AAS 457—The Rural South

ANT/AAS 465—Peoples and Cultures of Africa

PSC/AAS 356—African American Politics

PSC/AAS 379—African Politics

SOC/AS/AAS 359—Race and Ethnic Relations

SOC/AAS 460—Social Stratification Health Science Education

HTH/AAS 452—Community Health Issues in Africa

American Studies

Requirements for this concentration include American Studies 355, American Studies 450, and three elective courses (in disciplines other than the major) selected from the course list approved by the American Studies Committee.

Comparative Literature

Comparative Literature 385, Comparative Literature 485, an upper-division literature course in a foreign language, and one course selected from the list below or approved by the committee. Foreign language majors may opt to take an additional course from the following list in place of the foreign language course, and majors in other fields may opt to take two foreign language courses:

CLT/ENG 461—Drama to Ibsen

CLT/ENG 476—Literary Criticism

CLT/ENG 480—Commonwealth Literature

CLT/ENG 557—Modern Drama

CLT/ENG 559—The Bible as Literature

CLT/ENG 570—Contemporary World Fiction

International Studies

International Studies 350 and International Studies 360 and two other courses with significant international dimension, in two disciplines other than the major. The two elective courses must be selected from a list of courses prepared by the International Studies Curriculum Committee. The list of approved courses is available at the Center for International Studies in the Forest Drive Building.

Latin American Studies

Latin American Studies 450 and three courses in two disciplines other than the major, selected from the following and approved by the committee:

GGY/LAS 460—Geography of Latin America
HIS/LAS 371—Latin America - The Colonial Period
HIS/LAS 373—Mexico and the Caribbean
HIS/LAS 374—A.B.C. Powers
PSC/LAS 378—Latin American Politics
SPA/LAS 355—Latin American Civilization
SPA/LAS 455—Latin American Literature

Linguistics

Twenty hours selected from the following and approved by the committee:

ENG 452—History of the English Language
ENG 453—Advanced Composition
CAS 443—Semantics
CAS 551—Descriptive Linguistics
FL/ANT 350—Intro to Language
FL 351—Latin and Greek Vocabulary in English

Religious Studies

RS 450 and three courses in two disciplines other than the major, selected from the following and approved by the committee:

ENG/RS 559—The Bible as Literature
HIS/RS 451—The Age of the Reformation
HIS/RS 381—Intro to the History of Religion in the U.S.
HIS/RS 467—Major Themes in Western Religious History
HIS/RS 384—Heresy and Dissent in Western Religious History
PHI/RS 352—Great Moral Philosophers
PHI/RS 370—World Religions
PHI/RS 553—Philosophy of Religion
SOC/RS 455—Sociology of Religion
PSY/RS 357—Psychology of Religion

Women's and Gender Studies

WGS 350 and three courses selected from the following and approved by the Women's and Gender Studies Committee:

CA/WGS 441—Women and Media
CAS/WGS 349—Communication and Gender
ENG/WGS 564—Literature by Women
HIS/WGS 351—Women in American History
IS/WGS 387—Women in Modern European History
PSC/WGS 372—Women and Politics
PSY/WGS 358—Psychology of Women
SOC/WGS 355—Sociology of Sex Roles
WGS 491—Special Problems in Women's and Gender Studies

College of Business Administration

Dean: Carl Gooding
 Business Administration Room 2254
 P.O. Box 8002
 681-5106
 Fax: 681-0292
 E-mail address: cgooding@gsvms2.cc.gasou.edu

Associate Dean: Linda Bleicken
 Business Administration Room 2254
 P.O. Box 8002
 681-5107
 E-mail address: somgtlb@gsvms2.cc.gasou.edu

Mission

The College of Business Administration of Georgia Southern University is committed to providing quality educational programs. At the undergraduate level, degree programs in accounting, economics, finance, general business, information systems, management, marketing, and logistics are offered. At the graduate level, the Master of Business Administration degree prepares students for management positions of significant responsibility. The accreditation of the degree programs by the American Assembly of Collegiate Schools of Business (AACSB) underscores the College's dedication to continuous improvement and commitment to excellence.

We recognize that our existence and success are dependent on how well we meet our responsibility to several critically important groups:

Our first responsibility is to our students. Faculty members encourage excellence in academic performance by exhibiting professionalism in instruction and by being readily accessible for consultations outside the classroom. 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.

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 which cover an extensive range of domestic and international business practices.

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.

The College supports a collegial atmosphere for faculty and staff in which academic freedom and life-long learning are encouraged. While a balance of activities in teaching, scholarship, 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.

Congruent with the policies of the University, the College of Business Administration engages in affirmative recruitment and retention of women and minorities among faculty, staff, and students.

Five Core Competencies

The faculty and staff of the College of Business Administration are committed to providing academic programs that will enable our graduates to become managers . . .

- able to communicate effectively,
- skilled in the collection and analysis of information for use in decision-making,
- having a global perspective to help their companies compete in international as well as 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

Department of Accounting

J. Ralph Byington, Chair
 Professors: R. Byington, L. Hamilton, O. James (Emeritus), P. Lagrone (Emeritus), J. Martin, H. O'Keefe (Emeritus), N. Quick (Emeritus)
 Associate Professors: W. Bostwick, H. Harrell, N. Herring, K. Johnson, R. Landry, L. Mooney, S. Wise
 Assistant Professors: L. Fletcher, W. Francisco, C. Pacini, A. Parham, B. Thompson, K. Williams, H. Wright
 Instructors: W. Moore

Department of Finance and Economics

William Whitaker, Chair
 Professors: L. Carnes (Emeritus), R. Coston, E. Davis, F. Hodges (Emeritus), M. Jones, L. Price (Emeritus), D. Weisenborn (Emeritus), W. Whitaker
 Associate Professors: S. Forbes, J. Hatem, W. Levernier, W. Smith (Emeritus), J. White
 Assistant Professors: J. Brown, J. Budack, T. Coe, J. Davis, B. Ewing, D. Grant, S. Hanson, W. Jones, K. Johnston, L. Schneider, T. Richardson, L. Stewart.

Department of Management

Barbara Price, Chair
 Professors: M. Burns, H. Carter, T. Case, L. Dosier, B. Keys, U. Knotts, M. McDonald, E. Murkison, L. Parrish, J. Pickett, B. Price, R. Stapleton, R. Wells
 Associate Professors: L. Bleicken, J. Gutknecht (Emeritus), J. Henry, R. Kent, G. Russell, J. Simons
 Assistant Professors: C. Campbell, T. McClurg, C. Randall, S. Taylor, C. Turner, E. Walker, S. R. Williams
 Instructors: C. Rogers, B. Williams

Department of Marketing

Mary Smith, Chair
 Professors: W. Bolen, L. Munilla, E. Randall, M. Smith, D. Thompson (Emeritus), J. White (Emeritus)
 Associate Professors: L. Denton, C. Swift, J. Wilson, R. Hilde, M. Miles
 Assistant Professors: J. Ezell (Emeritus), B. Gibson, A. Moxley (Emeritus), S. Rutner
 Instructors: A. Oestreich, C. Woody

Programs: Undergraduate

Accounting

The accounting major educates students so that they can begin and continue to develop careers as professional accountants. The AACSB accredited program provides both entry-level competence to make sound independent judgments and a foundation for career development. The student is prepared for a wide range of professional careers in industry, finance, government, and other not-for-profit organizations. Students are also prepared for further study in law school or in graduate programs in accounting and business. Beginning in January 1998, candidates for the CPA Examination in the State of Georgia must have 225 quarter hours of college education. The Accounting Department has structured a forty-eight quarter hour Master of Accounting. These hours include thirty-two quarter hours of accounting and sixteen quarter hours of master's level business education. Please see the graduate section for a complete description of the program. The public accounting emphasis is used to identify students planning to continue in the graduate program.

Economics

This major is designed to give the student in business administration a broad knowledge of the field of economics in order to provide a foundation for professional careers in business and industry or for graduate training in economics.

Emphasis in Agribusiness

A student who majors in economics may elect an emphasis in agribusiness. This curriculum provides an opportunity for students to learn how the economic system operates as well as the role of agriculture in the economy. Excellent career opportunities are available in industries allied with agriculture, including those engaged in transportation, distribution, marketing, and processing farm products as well as agricultural banking and credit agencies.

Emphasis in International Business

The emphasis in international business is designed to provide the student with a broad exposure to international business issues. The coursework in the major is drawn from several different business disciplines. Career opportunities are excellent for graduates seeking employment in international firms.

Emphasis in International Economics

The economics major with an emphasis in international economics combines a strong liberal arts background with both international economics and applied business courses in order to prepare students for internationally oriented careers.

Finance

Study in this area develops familiarity with the institutions and instruments within our financial system and an understanding of the problems of financing business activity. It includes study of the techniques and tools for solving these problems.

Emphasis in Banking

The emphasis in banking is designed to allow a student to specialize in the management of financial institutions, especially banks.

Emphasis in Risk Management and Insurance

A student who selects insurance will be provided with a valuable background to enter this growing field of business activity.

Emphasis in Real Estate

The emphasis in real estate allows a student to specialize in the growing and dynamic field of real estate.

General Business

This major is designed to give the student a background in the broad field of business administration without specializing in any particular functional discipline. The student in general business must, with the approval of an advisor, select 35 hours of upper division business courses to complete the major requirement. Courses must be taken in at least two different functional areas (accounting, economics, finance, information systems, management, and marketing), and no more than 20 hours may be taken in a single functional area.

Information Systems

The major in information systems builds on the student's knowledge of basic business functions to provide a solid understanding of the role of information technology in today's business environment. The curriculum includes a strong foundation in structured programming, systems analysis and design, application development with third and fourth generation languages, and advanced topics such as client-server systems, object-oriented programming and development, and decision support systems including group support systems. Information systems majors are prepared for a wide range of opportunities in applied information systems.

Management

This major emphasizes the integrative nature of the management discipline in planning, organizing, directing and controlling contemporary profit and non-profit organizations. The program includes the study of both qualitative and quantitative contributions from the management sciences to provide the student with modern analytic concepts, tools, and techniques that can be used as aids to managerial decision-making. The impacts of the international environment and of the social responsibilities of managers receive special attention across the broad range of management courses. Various teaching methods are used in an effort to bring reality to classroom considerations of relevant business problems. The student who wishes to major in management can select one of four options: (1) the management major without an area of emphasis; (2) the management major with an emphasis in entrepreneurship/small business management; (3) the management major with an emphasis in human resource management; or (4) the management major with an emphasis in operations management. Each of these options is described below.

Management Major Without an Area of Emphasis

Because of the flexibility allowed by this degree, it is imperative that the student develop a close relationship with an advisor who can provide specific guidance as to the selection of individual courses.

Emphasis in Entrepreneurship/Small Business Management

This emphasis is designed for persons whose career aspirations include starting, managing, and developing their own businesses. The distinguishing characteristic of the emphasis is that it focuses on teaching students how to assume total responsibility for a business enterprise. This emphasis is especially appealing to self-motivated individuals who prefer to be their own bosses and who are unafraid of expressing and taking action on their ideas.

Emphasis in Human Resource Management

The human resource management emphasis allows a student to specialize in the study of personnel administration and human resource management. While this emphasis is especially appealing to individuals whose career aspirations are focused on working in the human resources management areas, the collection of courses included in this emphasis are relevant to managers in all areas of today's organizations.

Emphasis in Operations Management

The operations management emphasis allows the student to prepare for positions in manufacturing and other organizations with operations departments. This emphasis prepares students for management careers in manufacturing and service organizations. While much of the course work focuses on manufacturing management, the approaches that are covered and the skills that are developed are generalizable to service operations.

Logistics and Intermodal Transportation

Transportation companies, industrial firms and government agencies are all looking for the qualified graduate with training in the field of physical distribution. The major in logistics and intermodal transportation prepares the student for this career choice by providing general knowledge of the field of business and supporting course work in the areas of logistics, transportation and marketing. The program also offers an international emphasis and internships are available and strongly recommended for qualified students.

Marketing

Preparation in this area will provide the student with an awareness of the marketing problems confronting today's business firms, some knowledge and experience in application of the tools and techniques of marketing problem solving and a more detailed acquaintance with one or more specific areas of the marketing discipline. Students may choose to major in general marketing or in one of the four emphasis areas under marketing. No Fashion Merchandising course in the 360 series will qualify as a marketing elective in this major.

The Marketing Major Without an Area of Emphasis

The general marketing track is the least specialized and supports the largest number of career opportunities in the field of marketing.

Emphasis in Advertising

The advertising emphasis is designed for the student who desires to concentrate on advertising as a field of study and potential employment. The Emphasis in Advertising will not be offered under the semester system. Currently there is a moratorium on accepting students in this emphasis.

Emphasis in Fashion Merchandising

The fashion merchandising emphasis is designed to provide the student with a broad knowledge of business and marketing while stressing the areas of retailing and fashion.

Emphasis in Retailing Management

The retailing management emphasis is for students interested in retail careers or in marketing positions where knowledge of retailing is important.

Emphasis in Sales and Sales Management

The sales and sales management emphasis is for the student interested in sales as an entry-level marketing position or in sales as a career.

Programs: Graduate**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 for over 28 years, with graduates going on to pursue successful careers in banking and finance, marketing, manufacturing, and international organizations. The MBA program requires one and one half years of full-time study, yet it 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.

Advisement**Undergraduate**

Academic advisement for all pre-business majors occurs in the College of Business Advisement Center.

Location: Room 1100, College of Business Administration

Telephone: (912) 681-0515

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 Graduate Studies Office in the College of Business Administration.

Location: Room 1133, College of Business Administration

Telephone: (912) 681-5767

Experiential Learning Opportunities**Internships**

Internship opportunities are available through all departments 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 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 credit hours of instruction, have a grade point average of at least 2.5, and be willing to participate in a minimum of two alternating co-op work quarters. Work responsibilities and salaries are determined by the employer. Co-op students register for the designated Cooperative Education (BA 499) section. This is a non-credit course.

ACCOUNTING**B.B.A.****192 HOURS****MANAGERIAL ACCOUNTING EMPHASIS***See page 25 for Core Curriculum Areas I-III required of all students***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351- Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361- Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

ACC 353 - Intermediate Accounting I (5)

ACC 354 - Intermediate Accounting II (5)

ACC 355 - Managerial Accounting I (5)

ACC 453 - Accounting Information Systems (5)

ACC 455 - Auditing (5)

ACC 552 - Income Tax I (5)

Accounting Elective (ACC 454, ACC 457) (5)

Emphasis -Optional**Electives 20 Hours**

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085.**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I-IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

ACCOUNTING**B.B.A.****192 HOURS****PUBLIC ACCOUNTING EMPHASIS***See page 25 for Core Curriculum Areas I-III required of all students***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150 - Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351- Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

ACC 353 - Intermediate Accounting I (5)

ACC 354 - Intermediate Accounting II (5)

ACC 355 - Managerial Accounting I (5)

ACC 453 - Accounting Information Systems (5)

ACC 455 - Auditing (5)

ACC 552 - Income Tax I (5)

Accounting Elective (ACC 454, ACC 457) (5)

Emphasis - Optional**Electives 20 Hours**

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085.**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I-IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

ECONOMICS	B.A.	190 HOURS
<i>See page 25 for Core Curriculum Areas I-III required of all students</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
Foreign Language 153, 252 (10)		
ECO 250,251 - Principles of Economics I & II (10)		
Social Science Electives (ANT 150, GGY 250, HIS 252 or 253, PHI 150, PSY 150 or SOC 150) (10)		
Health and Physical Activities		7 Hours
HTH 131- Personal Health Promotion (3)		
KIN - Physical Activities (4)		
Specifically Required Courses		
MAT 155 is a prerequisite for MGT 354.		
Specifically Required Courses Beyond Areas I-IV		15 Hours
MKT 350 - Principles of Marketing (5)		
MGT 351 - Management and Organizational Behavior (5)		
MGT 354 - Business Statistics (5)		
Major Courses		30 Hours
ECO 352 - Managerial Economics (5)		
ECO 356 - Global Economic Problems (5)		
ECO 359 - Analysis of the Aggregate Economy (5)		
Economics Electives (15)		
Minor Courses		20 Hours
Electives		28 Hours
Foreign Language - See Area IV.		
Minor - Required.		

ADVISEMENT: Department of Finance and Economics, 3309 Business Administration Bldg, 681-5161

PROGRAM ADMISSION CRITERIA:

- Same as admission to the University

ECONOMICS **B.B.A.** **192 HOURS**

See page 25 for Core Curriculum Areas I-III required of all students.

Area I - Humanities and Fine Arts **20 Hours**

Area II - Mathematics and Natural Sciences **20 Hours**

Area III - Social Science **20 Hours**

Area IV - Courses Appropriate to the Major **30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities **7 Hours**

HTH 131- Personal Health Promotion (3)

KIN- Physical Activities (4)

Specifically Required Courses

MAT 155-Business Calculus and Application (Area II)(5)

PSY 150-Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I)(5)

Specifically Required Courses Beyond Areas I-IV **40 Hours**

MKT 350-Principles of Marketing (5)

MGT 351-Management and Organizational Behavior (5)

FIN 351- Corporate Finance (5)

ENG 3473-Writing in the Workplace (5)

MGT 354-Business Statistics (5)

MGT 355-Decision Science (5)

MGT 361-Operations Management (5)

BA 450-Business Policy (5) (Capstone Course)

Major Courses: **35 Hours**

ECO 352 - Managerial Economics (5)

ECO 356 - Global Economic Problems (5)

ECO 359 - Analysis of the Aggregate Economy (5)

Economics Electives (20)

Electives **20 Hours**

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional

Minor - Optional

ADVISEMENT: College of Business Administration Advisement Center, Business Administration Bldg, 681-0085.

PROGRAM ADMISSION CRITERIA:

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

ECONOMICS**B.B.A.****192 HOURS****AGRIBUSINESS EMPHASIS***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I-IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

ECO 352 - Managerial Economics (5)

ECO 355 - Agribusiness Analysis (5)

ECO 356 - Global Economic Problems (5)

ECO 358 - Agricultural Markets and Price Analysis (5)

ECO 359 - Analysis of the Aggregate Economy (5)

ECO 451 - Economic Development (5)

ECO 457 - Agriculture Policy (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085.**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

ECONOMICS WITH INTERNATIONAL BUSINESS EMPHASIS B.B.A. 192 HOURS

See page 25 for Core Curriculum Areas I-III required of all students.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to the Major 30 Hours

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses: Areas I-III (Hours included above) 15 Hours

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intr. to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I-IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

ECO 352 - Managerial Economics (5)

ECO 356 - Global Economic Problems (5)

ECO 359 - Analysis of the Aggregate Economy (5)

Economics Elective (5)

MGT 563 - International Management (5)

MKT 465 - International Marketing (5)

Select one:

ECO 451 - Economic Development (5)

ECO 458 - International Economics (5)

LST 360 - International Business Law (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional

Minor - Optional

ADVISEMENT: College of Business Administration Advisement Center, Business Administration Bldg, 681-0085

PROGRAM ADMISSION CRITERIA:

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

ECONOMICS **B.A.** **190 HOURS**
INTERNATIONAL ECONOMICS EMPHASIS

See page 25 for Core Curriculum Areas I-III required of all students.

Area I - Humanities and Fine Arts **20 Hours**
Area II - Mathematics and Natural Sciences **20 Hours**
Area III - Social Science **20 Hours**
Area IV - Courses Appropriate to the Major **30 Hours**

Foreign Language 153.252 (10)

ECO 250,251 - Principles of Economics I & II (10)

STA 256 - Statistics Using the Computer II (5)

Social Science Elective (ANT 150, GGY 250, HIS 252 or 253, PHI 150, PSY 150 or SOC 150) (5)

Health and Physical Activities **7 Hours**

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

STA 255 is a prerequisite for STA 256

Specifically Required Courses Beyond Areas I-IV **25 Hours**

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

MGT 563 - International Management or

MKT 465 - International Marketing (5)

IS 350 - Global Issues (5)

IS 360 - Contemporary World Cultures (5)

Major Courses **30 Hours**

ECO 352 - Managerial Economics (5)

ECO 356 - Global Economic Problems (5)

ECO 359 - Analysis of the Aggregate Economy(5)

ECO 451 - Economic Development (5)

ECO 458 - International Economics (5)

Economic Elective (5)

Electives **18 Hours**

Foreign Language - 300 level or above **20 Hours**

Minor - Foreign language is the minor.

ADVISEMENT: Department of Finance and Economics, 3309 Business Administration Bldg. 681-5161

FINANCE**B.B.A.****192 HOURS***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I-IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351- Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

FIN 352 - Financial Institutions (5)

FIN 354 - Corporation Finance II (5)

FIN 355 - Investments I (5)

Finance Electives

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085.**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

FINANCE**B.B.A.****192 HOURS****BANKING EMPHASIS***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I-IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 -Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

FIN 352 - Financial Institutions (5)

FIN 354 - Corporation Finance II (5)

FIN 355 - Investments I (5)

FIN 454 - Bank Management I (5)

FIN 458 - Bank Management II(5)

FIN 460 - Banking Law (5)

Finance Elective (FIN 455 or FIN 553 or LST 353) (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

FINANCE**B.B.A.****192 HOURS****REAL ESTATE EMPHASIS***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I-IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 -Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

FIN 352 - Financial Institutions (5)

FIN 354 - Corporation Finance II (5)

FIN 355 - Investments I (5)

FIN 356 - Principles of Real Estate (5)

FIN 451 - Real Estate Law (5)

FIN 452 - Real Estate Appraisal (5)

FIN 459 - Advanced Real Estate (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

FINANCE**B.B.A.****192 HOURS****RISK MANAGEMENT EMPHASIS***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN- Physical Activities (4)

Specifically Required Courses

MAT 155-Business Calculus and Application (Area II) (5)

PSY 150-Intro to Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I-IV 40 Hours

MKT 350-Principles of Marketing (5)

MGT 351-Management and Organizational Behavior (5)

FIN 351- Corporate Finance (5)

ENG 3473-Writing in the Workplace (5)

MGT 354-Business Statistics (5)

MGT 355-Decision Science (5)

MGT 361-Operations Management (5)

BA 450-Business Policy (5) (Capstone Course)

Major Courses: 35 Hours

FIN 352 - Financial Institutions (5)

FIN 354 - Corporation Finance II (5)

FIN 355 - Investments I (5)

FIN 357 - Life and Health Insurance (5)

FIN 358- Property and Casualty Insurance (5)

FIN 359 - Risk Management (5)

Finance Elective (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

GENERAL BUSINESS **B.B.A.** **192 HOURS**

See page 25 for Core Curriculum Areas I-III required of all students.

Area I - Humanities and Fine Arts **20 Hours**

Area II - Mathematics and Natural Sciences **20 Hours**

Area III - Social Science **20 Hours**

Area IV- Courses Appropriate to the Major **30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251 - Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities **7 Hours**

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I-IV **40 Hours**

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses **35 Hours**

Upper Division Business Electives (maximum of 4 courses in one discipline) (35)

Electives **20 Hours**

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional

Minor - Optional

ADVISEMENT: College of Business Administration Advisement Center, Business Administration Bldg, 681-0085

PROGRAM ADMISSION CRITERIA:

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

INFORMATION SYSTEMS**B.B.A.****192 HOURS***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251, 252 - Principles of Accounting I & II (10)

ECO 250, 251 - Principles of Economics I & II (10)

CIS 251 - Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro to Psychology (5) or SOC 150 - Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance I (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

MGT 370 - Organizational Behavior and Organizational Politics (5)

CIS 381 - Introduction to Computer Programming (5)

CIS 382 - COBOL Programming (5)

CIS 384 - Systems Analysis and Design (5)

CIS 484 - Data Communications (5)

CIS 488 - Applied Database Systems (5)

One Information Systems elective approved by advisor (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I -IV
- A minimum adjusted cumulative GPA of 2.1 overall
- A minimum adjusted GPA of 2.0 in Business Area IV

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

LOGISTICS AND INTERMODAL TRANSPORTATION **B.B.A.** **192 HOURS**

See page 25 for Core Curriculum Areas I-III required of all students.

Area I - Humanities and Fine Arts **20 Hours**

Area II - Mathematics and Natural Sciences **20 Hours**

Area III - Social Science **20 Hours**

Area IV - Courses Appropriate to the Major **30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities **7 Hours**

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV **40 Hours**

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses **35 Hours**

LIT 357 - Principles of Transportation (5)

LIT 375 - Business Logistics (5)

MKT 352 - Professional Selling (5)

MKT 455 - Marketing Management (5)

LIT 462 - Marine Transportation (5)

LIT 463 - Seminar in Intermodal Distribution (5)

LIT 464 - Air Transportation (5)

Electives **20 Hours**

Upper Division Business Electives (10) suggested from:

ECO 459 - International Economics (5)

FIN 553 - International Finance (5)

GGY 356 - Economic Geography (5)

LST 360 - International Law (5)

MGT 563 - International Management (5)

MKT 456 - International Marketing (5)

and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional

Minor - Optional

ADVISEMENT: College of Business Administration Advisement Center, Business Administration Bldg, 681-0085

PROGRAM ADMISSION CRITERIA:

- Completion of Areas I-IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

MANAGEMENT**B.B.A.****192 HOURS***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251, 252 - Principles of Accounting I & II (10)

ECO 250, 251 - Principles of Economics I & II (10)

CIS 251 - Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro to Psychology (5) or SOC 150 - Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance I (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

MGT 370 - Organizational Behavior and Organizational Politics (5)

MGT 475 - Management Information Systems (5)

Advisor-approved electives in Management (25)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I -IV
- A minimum adjusted cumulative GPA of 2.1 overall
- A minimum adjusted GPA of 2.0 in Business Area IV

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

MANAGEMENT **B.B.A.** **192 HOURS**

EMPHASIS IN ENTREPRENEURSHIP/SMALL BUSINESS

See page 25 for Core Curriculum Areas I-III required of all students.

Area I - Humanities and Fine Arts **20 Hours**

Area II - Mathematics and Natural Sciences **20 Hours**

Area III - Social Science **20 Hours**

Area IV - Courses Appropriate to the Major **30 Hours**

ACC 251, 252 - Principles of Accounting I & II (10)

ECO 250, 251 - Principles of Economics I & II (10)

CIS 251 - Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities **7 Hours**

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro to Psychology (5) or SOC 150 - Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I)(5)

Specifically Required Courses Beyond Areas I - IV **40 Hours**

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance I (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses **35 Hours**

MGT 370 - Organizational Behavior and Organizational Politics (5)

MGT 371 - Human Resource Management (5)

MGT 475 - Management Information Systems (5)

MGT 481 - Entrepreneurship (5)

MGT 482 - Small Business Management (5)

MGT 483 - Applied Small Business Management (5)

Advisor-approved elective in Management (5)

Electives **20 Hours**

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional

Minor - Optional

ADVISEMENT: College of Business Administration Advisement Center, Business Administration Bldg, 681-0085.

PROGRAM ADMISSION CRITERIA:

- Completion of Areas I -IV
- A minimum adjusted cumulative GPA of 2.1 overall
- A minimum adjusted GPA of 2.0 in Business Area IV

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

MANAGEMENT**B.B.A.****192 HOURS****EMPHASIS IN HUMAN RESOURCE MANAGEMENT***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate for the Major 30 Hours**

ACC 251, 252 - Principles of Accounting I & II (10)

ECO 250, 251 - Principles of Economics I & II (10)

CIS 251 - Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro to Psychology (5) or SOC 150 - Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance I (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

MGT 370 - Organizational Behavior and Organizational Politics (5)

MGT 371 - Human Resource Management (5)

MGT 475 - Management Information Systems (5)

Four HRM courses selected from the following:

MGT 364 - Current Issues in the Work Environment (5)

MGT 365 - Labor Relations (5)

MGT 461 - Staffing, Training, and Development (5)

MGT 463 - Employee Benefits (5)

MGT 472 - Compensation (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I-IV
- A minimum adjusted cumulative GPA of 2.1 overall
- A minimum adjusted GPA of 2.0 in Business Area IV

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

MANAGEMENT **B.B.A.** **192 HOURS**
EMPHASIS IN OPERATIONS MANAGEMENT

See page 25 for Core Curriculum Areas I-III required of all students.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to the Major 30 Hours

ACC 251, 252 - Principles of Accounting I & II (10)

ECO 250, 251 - Principles of Economics I & II (10)

CIS 251 - Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro to Psychology (5) or SOC 150 - Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance I (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

MGT 370 - Organizational Behavior and Organizational Politics (5)

MGT 475 - Management Information Systems (5)

MGT 477 - Management of Quality (5)

MKT 375 - Business Logistics (5)

Two OM Electives chosen from the following:

MGT 478 - Planning and Control Systems in Operations Management (5)

MGT 479 - Management of Service Operations (5)

MGT 480 - Operations Strategy (5)

Advisor-approved elective in Management (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional

Minor - Optional

ADVISEMENT: College of Business Administration Advisement Center, Business Administration Bldg, 681-0085

PROGRAM ADMISSION CRITERIA:

- Completion of Areas I-IV
- A minimum adjusted cumulative GPA of 2.1 overall
- A minimum adjusted GPA of 2.0 in Business Area IV

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

MARKETING**B.B.A.****192 HOURS***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251 - Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

MKT 351 - Principles of Advertising, or;

MKT 461 - Buyer Behavior (5)

MKT 452 - Marketing Research (5)

MKT 455 - Marketing Management (5)

Marketing Electives (20)

Emphasis -Optional**Electives 20 Hours****Foreign Language - Optional****Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

MARKETING**B.B.A.****192 HOURS****ADVERTISING EMPHASIS***

* The Advertising Emphasis will not be offered under the semester system. Currently there is a moratorium on accepting students in this emphasis.

See page 25 for Core Curriculum Areas I-III required of all students.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to the Major 30 Hours

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361- Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Major Courses 35 Hours

Emphasis in Advertising

MKT 351 - Principles of Advertising (5)

MKT 356 - Direct Response Marketing (5)

MKT 452 - Marketing Research (5)

MKT 455 - Marketing Management (5)

MKT 458 - Advertising Management and Policies (5)

MKT 459 - Advertising Campaigns (5)

Advisor approved elective in Marketing (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional**

ADVISEMENT: College of Business Administration Advisement Center, Business Administration Bldg, 681-0085

PROGRAM ADMISSION CRITERIA:

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

MARKETING**B.B.A.****192 HOURS****FASHION MERCHANDISING EMPHASIS***See page 25 for Core Curriculum Areas I-III required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate for the Major	30 Hours

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities	7 Hours
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HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV	40 Hours
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MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Emphasis in Fashion Merchandising	35 Hours
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MKT354-Retail Store Management (5)

FM 360 - Fashion Fundamentals (5)

FM 361 - Principles of Merchandising (5)

FM 364 - Textiles (5)

MKT 450 - Retail Merchandising Control (5)

MKT 452 - Marketing Research (5)

MKT 455 - Marketing Management (5)

Electives	20 Hours
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Upper Division Business Electives (10) suggested from:

FM 363 - Fashion Merchandising and Promotion (5)

FM 365 - Visual Merchandising (5)

Course descriptions designated with the FM prefix may be found under the Family and Consumer Sciences course listings.

Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

MARKETING**B.B.A.****192 HOURS****RETAILING MANAGEMENT EMPHASIS***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Emphasis in Retailing Management 35 Hours

MKT 351-Principles of Advertising (5) MKT

354 - Retail Store Management (5) MKT 450

- Retail Merchandising Control (5) MKT 452

- Marketing Research (5)

MKT 454 - Retail Management Problems (5)

MKT 455 - Marketing Management (5)

Advisor-approved elective in Marketing (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I-IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

MARKETING**B.B.A.****192 HOURS****SALES AND SALES MANAGEMENT EMPHASIS***See page 25 for Core Curriculum Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV- Courses Appropriate to the Major 30 Hours**

ACC 251,252 - Principles of Accounting I & II (10)

ECO 250,251 - Principles of Economics I & II (10)

CIS 251- Intro to Computer Information Systems (5)

LST 252 - Legal Environment of Business (5)

Health and Physical Activities 7 Hours

HTH 131- Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

MAT 155 - Business Calculus and Application (Area II) (5)

PSY 150 - Intro To Psychology or SOC 150-Intro to Sociology (Area III) (5)

CAS 251 - Fundamentals of Public Speaking (Area I) (5)

Specifically Required Courses Beyond Areas I - IV 40 Hours

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporate Finance (5)

ENG 3473 - Writing in the Workplace (5)

MGT 354 - Business Statistics (5)

MGT 355 - Decision Science (5)

MGT 361 - Operations Management (5)

BA 450 - Business Policy (5) (Capstone Course)

Emphasis in Sales and Sales Management 35 Hours

MKT 351 - Principles of Advertising (5)

MKT 352 - Professional Selling (5)

MKT 353 - Business to Business Marketing (5)

MKT 452 - Marketing Research (5)

MKT 455 - Marketing Management (5)

MKT456 - Sales Management (5)

Advisor-approved elective in Marketing (5)

Electives 20 Hours

Upper Division Business Electives (10) and Non-Business Electives (10) or Non-Business Minor (20)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** College of Business Administration Advisement Center, Business Administration Bldg, 681-0085**PROGRAM ADMISSION CRITERIA:**

- Completion of Areas I -IV
- A minimum adjusted GPA of 2.0 in Business Area IV
- A minimum adjusted cumulative GPA of 2.1 overall

OTHER PROGRAM REQUIREMENTS:

- Minimum of 75 hours in upper division business courses

College of Education

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Mission, Vision, and Conceptual Framework

The mission of the College of Education is to provide professional preparation for educators and to collaborate in the reform of education.

To prepare for the next decade, the College of Education is committed to:

1. responsible ethical and moral development and behavior.
2. recognizing, articulating, and responding to the various roles of educators as they impact on the education of learners.
3. providing learners (students, faculty, and staff) the opportunity to develop and expand their personal vision and critical thinking skills and to achieve a global perspective so that they may reach their full potential.
4. developing linkages with schools, school districts, community agencies, and postsecondary institutions in a collaborative effort to support children and to participate with these constituents as partners in the reformation of education.
5. responding to change in a proactive manner and to developing change agents.
6. providing greater access to information and technology within the community and region and to developing an awareness of technology as an important tool for daily operation, information, and communication.

The College of Education has adopted the theme, "Educator as Curator/Creator: Preserving the Past...Creating the Future," which represents its Conceptual Framework, the beliefs that guide the College's curriculum and endeavors. The following outlines the operating functions of the Conceptual Framework.

General Statement - We are working with present and future educators to provide them with the tools necessary to facilitate the development of their clients in their cognitive, physical, social and emotional growth and development. To do this we strive:

- to present a strong research-based view of current theory and practice of the various disciplines in order to provide the necessary skills and understanding to be effective decision makers in various educational settings;
- to provide flexible thinkers in a changing environment, who are proactive problem-solvers with the tools needed to be agents of change in collaborative relationships within the educational settings.

Cognitive - In order for our students to promote cognitive growth they must:

- be knowledgeable about learning theories and related methodologies;
- possess strong subject matter knowledge to impart a firm basis for lifelong learning within their fields;
- exhibit abilities to evaluate assessment material in relationship to curricular goals;
- have personal guidelines for decision making in a professional context;
- be knowledgeable about the history of education, how it works, where it comes from, and to where it may go;
- be able to view knowledge as personal and/or cultural artifact.

Physical - In order for our students to promote physical growth they must:

- be knowledgeable about human growth and development and how it impacts on the other three domains;
- be able to enhance each student's learning by addressing various learning styles and providing methods to expand the learning styles of each individual;
- be able to provide for the needs, rights and responsibilities of all students, especially those with special needs.

Social - In order for our students to promote social growth they must:

- be aware of the interrelatedness of individuals, small groups, and society, both locally and globally, in heterogeneous and homogeneous situations;
- be active in dealing with multi cultures, diversity, and equity;
- be aware of the political nature of education and how to effect needed changes;
- be cognizant of the ideological, economic and special interest pressure groups in education;
- possess the tools to enhance communication among all users of education in the school, community, home and industry.

Emotional - In order for our students to promote emotional growth they must be cognizant of:

- how emotions interact with the other domains;
- the effect of teacher attitudes on learning;
- their personal perceptions about self, work, and relationships to students, and colleagues' effect on professional choice;
- our own and others' presence and the effect of prejudice on our education behavior.

Structure

The College of Education is organized into four academic departments and Marvin Pittman Laboratory School.

The **Department of Early Childhood Education and Reading** is responsible for undergraduate teacher preparation in early childhood education (grades P-5). Graduate programs are offered in the fields of early childhood education and reading specialist. The programs are based upon the concept of developmentally appropriate practice and a value of diverse, intensive field experiences in preschool and elementary school settings.

Beverly D. Stratton, Chair

Professors: M. McKenna, M. Moore, B. Stratton

Associate Professors: S. Franks, A. Heaston, A. Hosticka, J. Kent, J. Rakestraw

Assistant Professors: S. Aamidor, C. Brewton, J. Feng, M. McGovern, W. Mo, L. Plevyak, B. Romine

Instructors: S. Kent, P. Moller, M. Parker, V. Zwald

The **Department of Middle Grades and Secondary Education** offers undergraduate teacher preparation programs and graduate programs in middle grades education (grades 4-8), secondary education (grades 7-12), and the grades P-12 teaching fields of art, foreign language, music, and physical education. The secondary education program has a content area approach and leads to certification in the fields of business education, English, home economics, mathematics, science, social studies, technology, or trade and industry education. The department maintains an identification with the more general aspects of teacher education through block experiences but is clearly oriented towards providing content area expertise and liaison credibility with content area faculty in other departments within the institution.

Ronnie Sheppard, Chair

Professors: M. Allen, P. Bishop, F. Page, R. Sheppard, J. Strickland, J. Van Deusen

Associate Professors: B. EilLaissi, M. Schriver, J. Stephens, R. Stevens

Assistant Professors: M. Kostin, C. Stewart, D. Thomas, S. Trimble
Instructors: V. Cole, E. Hall, B. McKenna

The **Department of Educational 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. Undergraduate and graduate teacher preparation is offered by the special education programs; and a diverse selection of graduate programs prepares school and community agency personnel in the areas of adult and vocational education, school and community counselor education, educational leadership, higher education (student services), instructional technology, and school psychology. A doctoral degree program in educational administration is also offered by this department.

Ron G. Davison, Chair

Professors: J. Bergin, A. Chew, R. Davison, G. Petrie, H. Pool, M. Richardson

Associate Professors: L. Beard, T. Chan, K. Clark, E. Downs, D. Grant, S. Heggoy, R. Martin, J. Pepman

Assistant Professors: R. Carlson, D. Hammitte, C. Hansman, L. Hemberger, M. Jackson, S. Kenney, P. Lindauer, M. LaMontagne, L. Spencer

Instructors: L. Hooks, S. Marchbanks, B. Wasson

The **Department of Curriculum, Foundations, and Research** 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, and educational research. A doctoral degree program in curriculum studies is offered by this department.

Jane Page, Chair

Professors: S. Jenkins, J. Page, W. Reynolds, E. Short

Associate Professors: D. Battle, W. Custer, B. Deever, G. Dmitriyev, C. Douzenis, D. Rea, C. Shea, R. Warkentin

Assistant Professors: B. Griffin, M. Griffin, D. Liston, K. Rittschof, N. Bryant, Z. Gregoriou

Marvin Pittman Laboratory School is a K-8 public school that is affiliated with the Bulloch County School System. At the same time, it is a demonstration school working in conjunction with the College of Education. The laboratory school collaborates with College faculty and students in practicum experiences and research activities.

The College of Education also has a variety of centers and offices that provide specific services to its students, faculty, and public schools:

The Office of School and Community Relations coordinates student teaching and all other field experiences at the undergraduate and graduate levels in collaboration with the various departments, Marvin Pittman Laboratory School, and other public schools. The Coastal Area Teacher Education Service (CATES), a consortium of University System of Georgia institutions and cooperating school systems in Southeast Georgia, is housed in this office.

The College of Education Advisement Center is responsible for the advisement of all undergraduate education majors and non-degree students seeking initial certification. The Certification Program Coordinator, whose office is located in the Advisement Center, serves as a liaison between the College and the Georgia Professional Standards Commission dealing with certification matters. The certification Coordinator evaluates student transcripts to determine course needs for acquiring initial or additional certification fields and makes the College's recommendations for certification. The certification Coordinator and five professional advisors are located on the ground floor of the Carroll Bldg.

The Instructional Resources Center provides computer laboratories, portable multimedia stations, a variety of media resources for instruction, and equipment for media production for faculty and student use.

The Publications Center provides support services in the preparation of materials related to professional research, manuscripts, presentations, and classroom instruction.

Undergraduate Degree Programs

Art Education - B.S.Ed.

Early Childhood Education - B.S.Ed.

Foreign Language Education - B.S.Ed.

French

German

Spanish

Health and Physical Education - B.S.Ed.

Music Education - B.M. (Teacher preparation program offered by the Department of Music)

Middle Grades Education - B.S.Ed.

Secondary Education - B.S.Ed.

Business Education

English Education

Family and Consumer Sciences

Mathematics Education

Science Education

Social Studies Education

Technology Education

Trade and Industry Education

Special Education - B.S. Ed.

Graduate Degree Programs

Adult Education - M.Ed.
 Art Education, M.Ed., Ed.S.
 Business Education, M.Ed.
 Counselor Education - M.Ed., Ed.S.
 Community Counseling
 School Counseling
 Curriculum Studies - Ed.D.
 Early Childhood Education - M.Ed., Ed.S.
 Educational Administration - Ed.D.
 Educational Leadership - M.Ed., Ed.S.
 English Education - M.Ed., Alternative M.Ed., Ed.S.
 French Education, M.Ed., Alternative M.Ed.
 German Education, M.Ed., Alternative M.Ed.
 Health and Physical Education - M.Ed., Ed.S.
 Higher Education Student Services - M.Ed.
 Instructional Technology - M.Ed., Ed.S.
 Mathematics Education - M.Ed., Alternative M.Ed., Ed.S.
 Middle Grades Education - M.Ed., Alternative M.Ed., Ed.S.
 Music Education - M.Ed., Ed.S.
 Reading Specialist - M.Ed., Ed.S.
 School Psychology - M.Ed., Ed.S.
 Science Education - M.Ed., Alternative M.Ed., Ed.S.
 Social Science Education - M.Ed., Alternative M.Ed., Ed.S.
 Spanish Education, M.Ed., Alternative M.Ed.
 Special Education - M.Ed., Ed.S.
 Behavior Disorders
 Intellectual Disabilities
 Learning Disabilities
 Technology Education - M.Ed., Ed.S.

Teacher Education Program

The College of Education offers undergraduate and graduate programs to prepare its students for work in public education. All 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.

Undergraduate students and those seeking initial certification as non-degree/Alternative M.Ed. students must meet admission requirements for the Teacher Education Program. Students must continue to meet these criteria throughout their program, as well as meet specific program requirements and Student Teaching requirements.

Advisement

Undergraduate. Education majors are assigned to an advisor in the Advisement Center in the College of Education for program planning and course scheduling. Several programs provide opportunity for co-advisement by a faculty mentor in the major area. All students must complete the core curriculum; however, in order to meet the requirements of the teaching field, professional education, and certification, it is advisable for students to declare an intention to major in education before the third quarter of the sophomore year.

Graduate. Graduate students are assigned to a faculty advisor in the major field. 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 20 quarter hours.

B.S.Ed. Degree Requirements

General requirements for the B.S.Ed. degree include fulfillment of the Core Curriculum, a minimum of 30 quarter hours at the junior/senior level in the teaching field, 30-45 quarter hours in professional education, and 7 quarter hours in health and physical education. At least half of the courses required in the teaching field must be taken at this institution. Correspondence and extension credits may not be used to satisfy professional education and content requirements. In addition to these requirements, students pursuing a B.S.Ed. degree are required to:

1. be admitted to the Teacher Education Program.
2. have a grade of "C" or better on all courses in Area IV of the Core Curriculum, the teaching field, and in professional education.

Admission into the Teacher Education Program

Students must make formal application for admission into the Teacher Education Program, required for undergraduate and non-degree programs that result in initial teacher certification. Admission is required for enrollment in junior/senior level education courses. Following are the criteria that are used for TEP admissions decisions in the advisement process:

1. An adjusted GPA of 2.50 or better on course work done at GSU. (For transfer students, a GPA of 2.50 on all credit hours attempted at other institutions plus those hours attempted at GSU is required. Additionally, a GPA of 2.50 is required on all work attempted at GSU.)
2. Successful completion of the Regents' Testing Program.
3. A grade of "C" or better in the introduction to education course (FED 251).
4. A grade of "C" or better in a 100 or 200 level mathematics course.
5. Demonstration of competence in use of oral and written language currently determined by (a) subjective evaluation during FED 251 (taken at GSU) of speaking ability and (b) grade of "C" or better in ENG 151 and ENG 152.
6. Sophomore standing or above.

Admission to Student Teaching

Student teaching is required in all teacher preparation programs at the undergraduate level. In order to participate in the student teaching program, a student must:

1. be admitted to the Teacher Education Program.
2. have an adjusted GPA of at least 2.50 upon entering Block as well as upon entering Student Teaching.
3. complete the professional education program and courses in the teaching field with a grade of "C" or better. (Includes courses in Area IV of the Core Curriculum which are appropriate to the selected education major.)
4. successfully pass the Praxis II teacher certification examination for the teaching field.
5. make application to Student Teaching no later than winter quarter prior to the school year in which registration for the course occurs.
6. meet admission requirements for Student Teaching no later than one quarter prior to enrollment for the course.
7. have met the College and departmental prerequisites for majoring in the field.
8. have a disciplinary record clear of any actions which might be a detriment to successful performance in the classroom.
9. possess mental, emotional, and physical health compatible with the expectations of the profession.
10. participate in the orientation to Student Teaching included as part of the various programs' Block courses.

Internships

Some graduate programs require extensive teaching experience through internships. The student's faculty advisor arranges the internship in cooperation with the student and the Office of School and Community Relations. Non-degree and Alternative M.Ed. students may also participate in internships in order to meet Student Teaching requirements. Provisional Certification and program course work requirements must be met and admission criteria for Student Teaching must be satisfied.

Teaching Certificates

The programs offered by the College of Education at the undergraduate and graduate levels are designed to prepare teachers and other school personnel for certification in the State of Georgia. Types of certificates include the Georgia Levels Four (bachelor's degree), Five (master's 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 certification may be obtained through non-degree course work or, in some teaching fields, through the completion of an Alternative M.Ed. program. All students working on certification must be admitted into the Teacher Education Program and meet admission requirements to Student Teaching. They must also have their transcripts evaluated before beginning their course work to determine the appropriate program of study.

All graduates of the University who plan to teach in Georgia after graduation must file an application for a teaching certificate. Students enrolled in Student Teaching are given an opportunity to make application at a prescribed time. All candidates for a teaching certificate must pass the Georgia teacher certification test (Praxis II) in the appropriate field and successfully complete Student Teaching, have transcripts reviewed by the Certification Program Coordinator, and be recommended to the Georgia Professional Standards Commission for certification. Forms for this purpose are available in the Office of the Dean and the College of Education Advisement Center.

ART EDUCATION	B.S.Ed.	192 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Science		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
FED 251 - Foundations of Education (5)		
FED 260 - Human Growth & Development (5)		
Art 151 - Drawing I (5)		
Art 152 - Two Dimensional Design (5)		
Art 252 - Three Dimensional Design (5)		
Lower Division Art Elective (5)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Activities (4)		
Specifically Required Courses		
Professional Education		35 Hours
FED 361 - Educational Psychology (5)		
EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)		
EMS 391 - Curriculum and Methods in Art: P-12 (10)		
EMS 491 - Student Teaching (15)		
Major Courses		60 Hours
45 Hours of Specialized Art Courses from:		
ART 250 - Painting I (5)		
ART 254 - Printmaking I (5)		
ART 255 - Ceramics I (5)		
ART 256 - Sculpture I (5)		
ART 257 - Color Theory (5)		
ART 258 - Photography I (5)		
ART 350 - Painting II (5)		
ART 352 - Lettering and Layout (5)		
ART 354 - Printmaking II (5)		
ART 355 - Ceramics II (5)		
ART 356 - Sculpture II (5)		
ART 370 - Art for Children and Youth (5)		
ART 371 - Art for Adolescents (5)		
ART 450 - Painting (5)		
ART 452 - Commercial Design (5)		
ART 456 - Advanced Sculpture (5)		
ART 490 - Problems in Drawing (5)		
ART 496 - Problems in Ceramics (5)		
15 Hours from Art History:		
ART 280, 281, and an additional 5 hours of upper division Art History		

ADVISEMENT: Each student in Art Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by a faculty mentor in the Art Department for guidance in content area course selection and for professional involvement in the discipline. 681-0698

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

BUSINESS EDUCATION**B.S.Ed.****198 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

ECO 250 - Principles I (5)

ECO 251 - Principles II (5)

PSY 150 - Intro to Psychology or

SOC 150 - Intro to Sociology (5)

Advisor-approved electives from Area I, II, or III of the Core Curriculum (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses**Professional Education 38 Hours**

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)

SED 354 - Methods for Teaching Business Subjects (5)

EDT 430 - Instructional Technology for the Middle & Secondary School (3)

SED 454 - Secondary School Curriculum (5)

EDB 591 - Methods of Teaching Accounting & Data Processing (5)

EDB 491 - Student Teaching (15)

Major Courses 58 Hours

ACC 251 - Principles I (5)

ACC 252 - Principles II (5)

CIS 251 - Intro to Computer Information Systems (5)

CSC 230 - Intro to Basic Programming (3)

EDB 351 - Intermediate Keyboarding (5)

EDB 450 - Word/Information Processing (5)

EDB 451 - Office Procedures (5)

LST 252 - Legal Environment of Business (5)

MKT 355 - Business Communications (5)

STA 255 - Intro to Statistics Using the Computer (5)

VED 551 - Cooperative Vocational Education Programs (5)

Upper Division Elective (5)

Elective Outside Content Area 5 Hours**ADVISEMENT:** Each student in Business Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. 681-0698**PROGRAM ADMISSION CRITERIA:** See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

EARLY CHILDHOOD EDUCATION**B.S.Ed.****197 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth and Development (5)

GGY 250 - World Regional Geography (5)

Advisor approved electives from Areas I, II, or III of Core (15)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses 56 Hours

Core: MAT 151- College Algebra (5)

Professional Education

EDT 450 - Intro to Instructional Technology (5)

EXC 450 - Identification and Education of Exceptional Students in Regular Classrooms (5)

FED 361 - Educational Psychology (5)

FCS 433 - Practicum in Child Development (3)

EC 454 - Early Primary Practicum (5)

EC 460 - Early Childhood Curriculum (5)

EC 461 - Methods of Teaching Early Childhood (5)

EC 462 - Senior Seminar (5)

EC 437 - Participation (3)

EC 491 - Student Teaching (15)

Major Courses 44 Hours

EC 457 - Mathematical Approaches for Children (5)

PE 337 - PE for Early Childhood (P-5) (3)

HTH 531 - Health for Elementary Schools (3)

EC 463 - Science in Elementary Schools (5)

EC 455 - Language Arts in Early Childhood Curriculum (5)

RDG 459 - Teaching of Reading (5)

RDG 430 - Reading Practicum (3)

EC 453 - Curriculum of the Social Studies (5)

Two five-hour electives from the following: (10)

ART 370 - Art for Children and Youth

FCS 472 - Children's Creative Activities

MUS 351 - Music for Teachers - Early Child (P-5)

EC 464 - Creative Arts for Children

EC 466 - Integrating Children's Literature into the Early Childhood Curriculum

ADVISEMENT: Each student in Early Childhood Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. 681-0698**PROGRAM ADMISSION CRITERIA:** See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in Area IV of the Core, the teaching field, and professional education
- Must take ART 160 or ART 370
- Must take MUS 152 or MUS 351
- Courses should be taken sequentially according to Levels
- Courses in Level I may not be taken prior to admission into the Teacher Education Program
- Early Childhood Curriculum (EC 460) is a prerequisite to courses in Level II
- Take only one practicum course per quarter; practicum courses include: FCS 433, RDG 430, EC 454, and EC 437
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

ENGLISH EDUCATION**B.S.Ed.****198 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Science 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

ENG 253 - The Human Image in Literature of the Western World III (5)

Advisor-approved electives from Areas I, II, or III of the Core Curriculum (15)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN- Physical Activities (4)

Specifically Required Courses**Professional Education 38 Hours**

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Students In Regular Classroom (5)

SED 355 - Methods for Teaching Secondary Language Arts (5)

EDT 430 - Instructional Technology for Middle & Secondary Schools (3)

SED 454 - Secondary School Curriculum (5)

SED 491 - Student Teaching (15)

Major Courses 53 Hours

ENG 3451 - English Literature (4)

ENG 3452 - English Literature (4)

ENG 3461 - American Literature (4)

ENG 3462 - American Literature (4)

ENG 5471 - Modern English Grammar (4)

ENG 4452 - History of the English Language (4)

ENG 5480 - Adolescent Literature (4)

RDG 560 - Reading Strategies for Middle & Secondary School (5)

Upper Division English Courses (20)

Foreign Language above the 152 level 10 Hours**ADVISEMENT:** Each student in English Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. 681-0698**PROGRAM ADMISSION CRITERIA:** See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

FOREIGN LANGUAGE EDUCATION: FRENCH **B.S.Ed.** **192 HOURS**

See page 25 for Core Curriculum, Areas I-III, required of all students.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Science 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to the Major 30 Hours

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

SOC 150 - Intro to Sociology or

PSY 150 - Intro to Psychology (5)

Study in fine and applied arts (5)

Advisor approved related courses from Areas I, II, or III of the Core Curriculum (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

Professional Education 35 Hours

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)

EMS 392 - Curriculum & Methods in Foreign Language: K-12 (10)

EMS 491 - Student Teaching (15)

Major Courses 50 Hours

FRE 153 - Elementary French III (5)

FRE 252 - Intermediate French (5)

FRE 353 - French Civilization (5)

300 and 400 level French courses (30)

FRE 458 - Survey of French Literature I or FRE 459 - Survey of French Literature II (5)

Advisor-approved related courses 10 Hours

ADVISEMENT: Each student in Foreign Language Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by a faculty mentor in the Foreign Language Department for guidance in content area course selection and for professional involvement in the discipline. 681-0698

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

FOREIGN LANGUAGE EDUCATION: GERMAN**B.S.Ed.****192 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Science 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

SOC 150 - Intro to Sociology or

PSY 150 - Intro to Psychology (5)

Study in fine and applied arts (5)

Advisor-approved related courses from Areas I, II, or III of the Core Curriculum (10)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses**Professional Education 35 hrs**

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)

EMS 392 - Curriculum & Methods in Foreign Language: K-12 (10)

EMS 491 - Student Teaching (15)

Major Courses 50 Hours

GER 153 - Elementary German III (5)

GER 252 - Intermediate German (5)

300 and 400 level German courses (40)

Advisor-approved related courses 10 Hours

ADVISEMENT: Each student in Foreign Language Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by a faculty mentor in the Foreign Language Department for guidance in content area course selection and for professional involvement in the discipline. 681-0698

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

FOREIGN LANGUAGE EDUCATION: SPANISH	B.S.Ed.	192 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Science		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
FED 251 - Foundations of Education (5)		
FED 260 - Human Growth & Development (5)		
SOC 150 - Intro to Sociology or		
PSY 150 - Intro to Psychology (5)		
Study in fine and applied arts (5)		
Advisor-approved related courses from Areas I, II, or III of the Core Curriculum (10)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Activities (4)		
Specifically Required Courses		
Professional Education		35 Hours
FED 361 - Educational Psychology (5)		
EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)		
EMS 392 - Curriculum & Methods in Foreign Language: K-12 (10)		
EMS 491 - Student Teaching (15)		
Major Courses		50 Hours
SPA 153 - Elementary Spanish III (5)		
SPA 252 - Intermediate Spanish (5)		
300 and 400 level Spanish courses (40)		
Advisor-approved related courses		10 Hours

ADVISEMENT: Each student in Foreign Language Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by a faculty mentor in the Foreign Language Department for guidance in content area course selection and for professional involvement in the discipline. 681-0698

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

HEALTH AND PHYSICAL EDUCATION**B.S.Ed.****217 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

BIO 271 - Human Anatomy and Physiology I (5)

BIO 272 - Human Anatomy and Physiology II (5)

Advisor-approved electives from Areas, I, II, or III of the Core Curriculum (10)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses**Professional Education 35 Hours**

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)

EMS 393 - Curriculum & Methods in Health & Physical Education: K-12 (10)

EMS 491 - Student Teaching (15)

Major Courses 85 Hours**46 Hours of Specialized Teaching Field Courses**

KIN 2410 - Dance & Aquatics (3)

KIN 2413 - Tumbling & Track & Field (3)

KIN 3510 - Theory of Sport Conditioning (3)

KIN 3400 - PE for Early Childhood, P-4 (3)

KIN 3401 - PE for Middle Grades, 5-8 (3)

KIN 3402 - PE for Secondary Schools, 9-12 (3)

KIN 2400 - Foundation of Health & Physical Education (5)

KIN 3140 - Behavior Foundations of Human Movement (5)

KIN 4400 - Program Development (3)

KIN 3130 - Biophysical Foundation of Human Movement (5)

KIN 3120 - Administration Principles in Kinesiology (5)

KIN 3420 - Tests & Measurements in Physical Education (5)

25 Hours of Health Courses

HTH 350 - Health and Disease (5)

HTH 351 - Sexuality Education (5)

HTH 353 - Drug-Related Education (5)

HTH 550 - General Safety & First Aid (5)

HTH 555 - Organization & Materials of the School Health Program (5 hrs)

The seven remaining courses should be selected from a variety of activities to ensure breadth in physical activity.

One Fitness Activity (1)

Two Team Sport Activities (1)

One Tumbling/Gymnastics Activity (1)

Two Individual or Dual Sport Activities (1)

One Rhythm/Dance Activity (1)

6 Hours of Coaching Courses

KIN 3500 - Principles of Coaching (5)

KIN 3501 - Principles of Officiating (3)

KIN 3531 - Coaching Basketball (3)

KIN 3533 - Coaching Olympic Sports (3)

KIN 3520 - Psychology of Coaching (3)

KIN 3530 - Coaching Baseball/Softball (3)

KIN 3532 - Coaching Football (3)

8 Hours of Activity Courses

KIN 1140 - Outdoor Education (1)

ADVISEMENT: Each student in Health and Physical Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by a faculty mentor in the Kinesiology Department for guidance in content area course selection and for professional involvement in the discipline. 681-0698

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

HOME ECONOMICS EDUCATION**B.S.Ed.****191 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

PSY 150 - Intro to Psychology or

SOC 150 - Intro to Sociology (5)

FCS 271 - Intro to Family Relations (5)

CAS 251 - Fundamentals of Public Speaking (5)

NFS 151 - Intro to Food Science (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses**Professional Education 38 Hours**

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)

SED 352 - Methods for Teaching Home Economics (5)

EDT 430 - Instructional Technology for Middle Grades & Secondary Schools (3)

SED 454 - Secondary School Curriculum (5)

SED 491 - Student Teaching (15)

Major Courses 56 Hours

IDH 281 - Housing & Interiors (5)

IDH 385 - Household Physics & Equipment (5)

NFS 251 - Nutrition (5)

NFS 352 - Meal Management (5)

AD 168 - Introductory Clothing (5)

AD 362 - Advanced Clothing Construction (5)

FM 364 - Textiles (5)

HEC 410 - Senior Seminar (1)

HEC 486 - Family Economics & Personal Finance (5)

HEC 490 - Special Problems in Home Economics (5)

FCS 471 - Child Development (5)

FCS 472 - Children's Creative Activities or

FCS 474 - Parenting (5)

ADVISEMENT: Each student in Home Economics Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by a faculty mentor in the Family and Consumer Sciences Department for guidance in content area course selection and for professional involvement in the discipline. 681-0698

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

MATHEMATICS EDUCATION**B.S.Ed.****192 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

MAT 166 - Analytic Geometry and Calculus I (5)

MAT 167 - Analytic Geometry and Calculus II (5)

MAT 264 - Calculus III (5)

Advisor-approved electives from Areas I, II, or III of the Core Curriculum (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses**Professional Education**

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Student in Regular Classroom (5)

SED 356 - Methods for Teaching Mathematics (5)

SED 454 - Secondary School Curriculum (5)

EDT 430 - Instructional Technology for the Middle & Secondary Schools (5)

SED 491 - Student Teaching (15)

Major Courses 51 Hours

MAT 220 - Application of Linear Algebra (2)

CSC 230 - Intro to BASIC Programming (3)

MAT 265 - Calculus IV (5)

MAT 320 - Sets and Set Operation (2)

MAT 332 - Intro to Modern Algebra (3)

MAT 334 - Intro to Linear Algebra (3)

MAT 338 - Intro to Probability (3)

MAT 374 - College Geometry (5)

MAT 476 - Statistical Methods (5)

MAT 556 - Number Theory (5)

CSC 555 - Data Management (5)

Mathematics Applications (10)

Electives 4 Hours**ADVISEMENT:** Each student in Mathematics Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by a faculty mentor in the Mathematics Department for guidance in content area course selection and for professional involvement in the discipline. 681-0698**PROGRAM ADMISSION CRITERIA:** See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

MIDDLE GRADES EDUCATION	B.S.Ed.	194 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
FED 251 - Foundations of Education (5)		
FED 260 - Human Growth & Development (5)		
Advisor - approved courses for the selected concentrations from Areas I, II, or III of the Core Curriculum (20)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Activities (4)		
Specifically Required Courses		
Professional Education		38 Hours
FED 361- Educational Psychology (5)		
EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)		
MG 452 - Nature and Curriculum Needs of Middle School Learners (5)		
MG 492 - Practicum and Methods in the Middle Grades (5)		
EDT 430 - Instructional Technology for the Middle & Secondary Schools (3)		
MG 491 - Student Teaching (15)		
Major Courses		51 Hours
Required courses to provide breadth of preparation (41 hours)		
RDG 459 - The Teaching of Reading (5)		
MAT 530 - Basic Ideas of Arithmetic (3)		
MAT 531 - Basic Ideas of Geometry (3)		
MG 455 - Integrated Language Arts for the Middle Grades (5)		
MG 457 - Mathematics for the Middle Grades (5)		
MG 463 - Science for the Middle Grades (5)		
MG 453 - Social Studies for the Middle Grades (5)		
MG 495 - Health and Movement Concepts: MG (5)		
ART 370 - Art for Children and Youth or		
MUS 352 - Music for Teachers: MG (5)		
Concentrations		
A minimum of 5 hours upper division course work in a primary concentration selected from mathematical, language arts, science, or social studies. Additional course work to meet the 35 hours minimum in the primary concentration.		
A minimum of 5 hours upper division course work in a secondary concentration selected from mathematics, language arts, science, social studies, music, art, or health and physical education. Additional course work to meet the 25 hours minimum in the secondary concentration.		
ADVISEMENT: Each student in Middle Grades Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. 681-0698		
PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements		
• Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.		
OTHER PROGRAM REQUIREMENTS:		
• A "C" or better on all courses in the teaching field and professional education		
• Courses should be taken in proper sequence		
• Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)		

SCIENCE EDUCATION	B.S.Ed.	210 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Science		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
FED 251 - Foundations of Education (5)		
FED 260 - Human Growth & Development (5)		
SOC 150 - Intro to Sociology or		
PSY 150 - Intro to Psychology (5)		
Study in fine and applied arts of music, crafts, general technology, art, speech, or theater (5)		
Advisor-approved electives from Areas I, II, or III depending on the Science Emphasis (10)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Activities (4)		
Specifically Required Courses		
Core: Biology Emphasis: BIO 151, 152, General Biology		
Chemistry Emphasis: CHE 181, 182, 183, General Chemistry		
Earth-Space Science Emphasis: GGY 151, 152, General Geology		
Physics Emphasis: PHY 251, 252, 253, General College Physics or PHY 261, 262, 263-General College Physics for Science, Engineering and Mathematics students		
Professional Education		38 Hours
FED 361 - Educational Psychology (5)		
EXC 450 - Identification & Education of Exceptional Students In Regular Classroom (5)		
SED 357 - Methods for Teaching Science (5)		
SED 454 - Secondary School Curriculum (5)		
EDT 430 - Instructional Technology for Middle & Secondary Schools (3)		
SED 491 - Student Teaching (15)		
Major Courses		75-85 Hours
Certification will be in Secondary Science with an emphasis in at least one science area. The four content areas are Biology, Chemistry, Earth-Science, and Physics. The student must complete at least 40-50 quarter hours in one area and 15 quarter hours in each of the three remaining areas. Statistics must be included.		
Biology Emphasis		
BIO 165 - Man and His Environment (5)		
BIO 281 - General Zoology (5)		
BIO 282 - General Botany (5)		
BIO 284 - Microbiology (5)		
BIO 370 - Cell Structure and Function (5)		
BIO 472 - Genetics (5)		
BIO 481 - Animal Physiology or		
BIO 460 - Plant Physiology (5)		
Biology: Additional courses to meet the minimum requirements of 50 quarter hours in Biology.		
Chemistry, Physics, Earth-Space Science - 15 quarter hours in each of the three remaining science areas.		
Chemistry Emphasis		
CHE 261 - Quantitative Analysis (5)		
CHE 377, 378 - Organic Chemistry (5)		
CHE 380 - Intro to Biochemistry or		
CHE 586 - Biochemistry (5)		
Chemistry: Additional courses to meet the minimum requirements of 50 quarter hours in Chemistry		
Biology, Earth-Space Science, Physics -- 15 quarter hours in each of the three remaining science		

(Continued on next page)

SCIENCE EDUCATION**(Continued)****Earth-Space Science Emphasis**

PHS 152 - General Astronomy (5)

GLY 165 - Principles of Environmental Geology (5)

GGY 350 - Physical Geography (5)

GLY 351 - Elementary Crystallography and Mineralogy, or GLY 451 - Invertebrate Paleontology, or GLY 561-Intro to Micropaleontology (5)

GGY 358 - Conservation (5)

GGY 360 - Weather and Climate (5)

GLY 555 - Earth Science (5)

GLY 562 - General Oceanography (5)

Earth-Space Science: Additional courses to meet the minimum requirements of 50 quarter hours in Earth-Space Science. Biology, Chemistry, Physics - 15 quarter hours in each of the three remaining science areas

Physics Emphasis

PHY 556 - Special Theory of Relativity (5)

PHY 557 - Intro to Quantum Mechanics (5)

Physics: Additional courses to meet the minimum requirement of 50 quarter hours in Physics

Biology, Chemistry, Earth-Space Science - 15 quarter hours in each of the three remaining science areas

ADVISEMENT: Each student in Science Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. 681-0698**PROGRAM ADMISSION CRITERIA:** See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

SOCIAL STUDIES EDUCATION**B.S.Ed.****210 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Science 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

HIS 152 - Development of Civilization to 1650 or HIS 153 - Development of Civilization Since 1650 (5)

HIS 252 - The United States to 1865 or HIS 253 - The United States Since 1865 (5)

ECO 260 - Basic Economics (5)

GGY 250 - World Regional Geography (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses

Core: HIS 152 - Development of Civilization to 1650 (5)

HIS 153 - Development of Civilization since 1650 (5)

HIS 252 - United States to 1877 (5)

HIS 253 - United States since 1877 (5)

ANT 150 - Intro to Anthropology (5)

SOC 150 - Intro to Sociology (5)

GGY 250 - World Regional Geography (5)

ECO 250, 251, or 260 - Economics (5)

Professional Education 38 Hours

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)

SED 358 - Social Science Methods (5)

EDT 430 - Instructional Technology for Middle & Secondary Schools (3)

SED 454- Secondary School Curriculum (5)

SED 491 - Student Teaching (15)

Major Courses 70 Hours**35-40 Hours of Upper Division Courses in History**

HIS 350 - An Intro to History (5)

HIS 462 - American Economic History of the United States (5)

HS 360 - Global Economic Trends of the Modern Era (5)

HIS 481 - Constitutional History of the United States (5)

Upper Division History which includes 5 hours in non-Western history (20)

Upper Division Coursework in behavioral science, which includes ANT 353 (10)

Upper Division Coursework in geography (10)

Upper Division Coursework in political science, which includes PSC 350 (10)

Elective 5 Hours**ADVISEMENT:** Each student in Social Studies Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by a faculty mentor in the History Department for guidance in content area course selection and for professional involvement in the discipline. 681-0698**PROGRAM ADMISSION CRITERIA:** See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

SPECIAL EDUCATION	B.S.Ed.	190 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
FED 251 - Foundations of Education (5)		
FED 260 - Human Growth and Development (5)		
Advisor approved electives from Areas I, II, or III of Core (20)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Activities (4)		
Specifically Required Courses		43 Hours
Core: MAT 151- College Algebra (5)		
Professional Education		
EDT 460 - Instructional Technology for Exceptional Child Education (3)		
EXC 450 - Identification and Education of Exceptional Students in Regular Classrooms (5)		
FED 361 - Educational Psychology (5)		
EC 460 - Early Childhood Curriculum (5)		
EXC 470 - EXC Child Practicum I (5)		
EXC 471 - Clinical Practicum (5)		
EXC 491 - Student Teaching (15)		
Major Courses		50 Hours
RDG 459 - Teaching of Reading (5)		
EC 457 - Mathematics Approaches for Young Children (5)		
EXC 453 - Nature of Intellectual Disability (5)		
EXC 457 - Differential Educational Diagnosis (5)		
EXC 468 - Classroom Behavior Management (5)		
EXC 452 - Approaches and Methods for Teaching the Mildly Intellectually Disabled (5)		
EXC 456 - Methods for the Moderate to Profoundly Intellectually Disabled (5)		
EXC 478 - Communicating with Parents of EXC Children (5)		
EXC 479 - Practices and Procedures in Exceptional Child Education (5)		
Advisor-approved electives (3-5)		

ADVISEMENT: Each student in Early Childhood Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. 681-0698

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

TECHNOLOGY EDUCATION**B.S.Ed.****200 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

Advisor-approved electives from Areas I, II, or III of the Core Curriculum (20)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses**Professional Education 38 Hours**

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)

EDT 430 - Instructional Technology for the Middle & Secondary School (3)

TED 450 - Technology Education Curriculum (5)

TED 451 - Methods for Teaching Technology Education (5)

TED 491 - Student Teaching (15)

Major Courses 65 Hours

MFG 150 -The Manufacturing Enterprise (5)

PM 250 - Graphic Art Technology I (5)

TD 130 - Technical Drafting (3)

TD 220 - Computer Drafting (2)

TED 250 - Intro to Technology Education (5)

MFG 450 - Automated Manufacturing Systems (5)

MFG 350 - Industrial Processes and Materials (5)

MFG 352 - Metal Machining (5)

MFG 354 - Energy/Power Systems (5)

MFG 356 - Electrical Technology (5)

PM 356 - Desktop Publishing (5)

TED 350 - Lab Design, Management, Maintenance, & Safety (5)

TED 452 - Materials & Methods of Construction (5)

TED 457 - General Technology for Technology Education Teachers (5)

ADVISEMENT: Each student in Technology Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by Technology Education faculty for guidance in content area course selection and for professional involvement in the discipline. 681-0698**PROGRAM ADMISSION CRITERIA:** See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

TRADE AND INDUSTRY	B.S.Ed.	190 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
FED 251 - Foundations of Education (5)		
FED 260 - Human Growth & Development (5)		
Advisor-approved electives from Areas I, II, or III, of the Core Curriculum (20)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Activities (4)		
Specifically Required Courses		
Professional Education		38 Hours
FED 361 - Educational Psychology (5)		
EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)		
SED 350 - Methods for Teaching Trades and Industry (5)		
SED 454 - Secondary School Curriculum (5)		
EDT 430 - Instructional Technology for Middle & Secondary Schools (3)		
TIE 491 - Student Teaching (15)		
Major Courses		55 Hours
Thirty hours from:		
TIE 450 - Seminar in Teaching Trade & Industrial Education (5)		
TIE 451 - History & Policies of Trade & Industrial Education (5)		
TIE 452 - Organization & Management of Trade & Industrial Education Facilities (5)		
TIE 453 - Curriculum Content of Trade & Industrial Education (5)		
TIE 460 - Open-Entry for New Vocational Teachers (5)		
TIE 461 - Intro to Teaching Trade & Industrial Subjects (5)		
TIE 462 - Instructional Strategies & Management Techniques in Trade & Industrial Education (5)		
TIE 463 - Internship for New Vocational Teachers (5)		
TIE 464 - Advanced New Teacher Institute (5)		
VED 450 - Trends in Career & Vocational Education (5)		
VED 453 - School Shop Safety (5)		
VED 551 - Cooperative Vocational Education Programs (5)		
SED 451 - Individualizing Instruction (5)		
Supervised Work Experience (Health Occupations Emphasis)		
Supervised Work Experience (Trade and Industry Emphasis)		
VED 491 - Five hours each quarter for three quarters or two years of approved work experience related to trade and industry equal to 4000 work hours (5)		
Specialized Subject Matter		
Twenty-five hours from advisor-approved vocational or technical courses.		
Courses will fulfill the requirements of the specialized teaching areas and of the technical science.		
ADVISEMENT: Each student in Trade and Industry Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by Trade and Industry Education faculty for guidance in content area course selection and for professional involvement in the discipline. 681-0698		
PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements		
• Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.		
OTHER PROGRAM REQUIREMENTS:		
• A "C" or better on all courses in the teaching field and professional education		
• Courses should be taken in proper sequence		
• Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)		

College of Health & Professional Studies

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Assistant Dean: J. Lynn Wolfe
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Mission and Objectives

The College of Health and Professional Studies strives to support students within their programs of study by providing a fertile learning environment in which excellent teaching is strengthened by research and service. Within each of the College's four academic departments, Nursing, Recreation and Sport Management, Health and Kinesiology, and Family and Consumer Sciences, concerned faculty help students develop as world citizens who value honesty, civility, and the dignity of work. It is the goal of the College to graduate students who are knowledgeable, clear-thinking, articulate, effective in problem-solving and who are both equipped to master a competitive world and educated to build a better civilization.

Structure

The College of Health and Professional Studies is organized into four departments: Family and Consumer Sciences, Health and Kinesiology, Recreation and Sport Management, and Nursing. The College also houses a Center for Rural Health and Research, a Student Services Center, and a Computer Laboratory located in the Hollis Bldg.

Department of Family and Consumer Sciences

Nancy Kingsbury, Chair
Professors: J. Beasley, N. Kingsbury
Associate Professors: D. Cone, L. Furr, J. Kropp
Assistant Professors: E. Brown, M. Black, C. Martin, P. Shankar, S. Smith, L. Stalcup, S. Thomas, D. Phillips, V. Richards, J. Romanchik, P. Walton
Instructors: S. Elkins
Laboratory Teachers: B. Waters

Department of Health and Kinesiology

Charles Hardy, Chair
Professors: J. Blankenbaker, S. Gallemore, C. Hardy, F. Whitt
Associate Professors: B. Buxton, J. McLaughlin, J. McMillan, J. Stallings
Assistant Professors: K. Browder, L. Bryant, K. Burke, J. Chopak, S. Corwin, D. Ellis, W. K. Guion, D. Hamilton, B. Joyner, H. Welle, L. Wolfe, D. Zwald
Instructors: D. Chaput, K. Pruitt, L. Rushing, K. Tsang, M. Waters
Adjunct Instructors: K. Doucherty, T. German, D. Gruber, S. Oswalt

Department of Nursing

Kaye A. Herth, Chair
Professors: C. Hanson, K. Herth
Associate Professors: J. Alberto, E. Hapshe, D. Hodnicki, K. Koon, A. Scott, C. Simonson
Assistant Professors: S. Abbott, P. Collins, E. Emerson, B. Hamilton, E. Hilde, C. Shriver, B. Talley
Instructors: A. Anumolu, R. Gee, A. Rushing, J. Watkins, D. Wood

Department of Recreation and Sport Management

Henry Eisenhart, Chair
Professors: W. Becker, H. Eisenhart, P. Thomason
Associate Professors: J. Bigley, D. Wagner
Assistant Professors: S. Attle, L. Blankenbaker, G. Gaudet, J. Kablach, M. Li, L. McCarthy, L. Mutter

Center for Rural Health and Research

Jay Strickland, Interim Director
M. Pevey, Coordinator, Senior Companion Program
V. Jones, Administrative Assistant, Tools for Life
M. Higgins, Staff Assistant, Child Abuse Clearinghouse

CHPS Student Services Center (Advisement)

Deborah Kittrell-Mikell, Coordinator
M. Groover, Academic Advisor
J. Joyner, Administrative Assistant

Programs: Undergraduate

The following undergraduate degree programs and emphasis areas are offered by departments within the College:

Department of Health and Kinesiology

Bachelor of Science in Kinesiology

Major in Exercise Science

Major in Sports Medicine

Bachelor of Science in Health Science

Major in Community Health

Major in Health Promotion

Bachelor of Science in Medical Technology

The Bachelor of Science in Education with a major in Health and Physical Education is also supported by the department. For students seeking coaching certification, a Coaching Education Concentration is also offered.

Department of Recreation and Sport Management

Bachelor of Science

Major in Sport Management

Bachelor of Science in Recreation with Emphasis Areas in Recreation Administration, Therapeutic Recreation, Resort and Commercial Recreation, Natural and Cultural Resource Management, and Travel and Tourism Management

Department of Nursing

Bachelor of Science in Nursing

Department of Family and Consumer Sciences

- Bachelor of Science in Family and Consumer Sciences
 - Major in Apparel Design
 - Major in Consumer Studies
 - Major in Family and Child Studies
 - Major in Fashion Merchandising
 - Major in Foods and Nutrition
 - Major in Interior Design and Housing
 - Major in Restaurant, Hotel and Institutional Administration

The Foods and Nutrition Program has received approval by the American Dietetic Association Plan IV, V Competencies in the Dietetics Emphasis. Students may also choose a Hospitality Emphasis. The Bachelor of Science in Education with a major in Home Economics Education is also supported by the department.

Programs: Graduate

The following graduate degree programs are offered by departments within the College:

Department of Health and Kinesiology

- Master of Science
 - Major in Kinesiology
- Master of Education
 - Major in Health and Kinesiology
- Educations Specialist
 - Major in Health and Kinesiology

Department of Nursing

- Master of Science in Nursing
 - Major in Rural Community Health Nursing Specialist
 - Major in Family Nurse Practitioner

Department of Recreation and Sport Management

- Master of Recreation Administration
- Master of Science
 - Major in Sport Management

Advisement: Undergraduate and Graduate

All College of Health and Professional Studies students who have earned between 0-90 hours are advised and registered in the CHPS Student Services Center which is located in Room 0107 in the Hollis Bldg. Students with more than 90 hours are advised in the academic department of their major and are registered in the CHPS Student Services Center. Graduate Students are advised by the academic department and are registered in the Student Services Center and/or the Williams Center. Students receive correspondence regarding their advisement/registration time and site.

Experiential Learning Opportunities

Experiential Learning undergirds most of the professional programs in the College of Health and Professional Studies. Nursing and Sports Medicine majors spend significant time in clinical sites. Internships provide another chance for students to work under the supervision of a practitioner in the field. Whether a Recreation major assigned to a resort or a Community Health major shadowing a public health educator, interning students learn valuable lessons from experts in their discipline.

Laboratories also provide CHPS students with experiential learning opportunities. Specially equipped labs in Biomechanics, Human Performance, Sport Psychology and Sports Medicine give students hands on experience with the technology and equipment they can expect to encounter in the work environment.

The Department of Family and Consumer Sciences operates a 50-seat restaurant and a state-of-the-art commercial kitchen where students gain experience in menu planning, food preparation, restaurant management and catering. A Lectra System Lab enables Apparel Design students to create computerized patterns using technology that is the gold standard in industry. Other experiential learning opportunities 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 Family Life Center where students interact with preschoolers and experience first-hand the theory discussed in class or seminar sessions.

All CHPS departments offer classes that use the CHPS computer laboratory. Located in the Hollis Bldg and operating off a server, this lab contains all the basic software students need to gain experience with word processing, spreadsheets, databases and graphics programs. The lab also is equipped to introduce students to specialized programs such as SPSS statistical software, RECware programs, Nursing test and practice modules, and simulations of property operating systems used in resorts, hotels, and large institutional settings.

APPAREL DESIGN**B.S.F.C.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities & Fine Arts 20 Hours****Area II - Mathematics & Natural Sciences 20 Hours****Area III - Social Sciences 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

CIS 251 - Intro to Computer Information Systems (5)

NFS 251 - Nutrition & Health (5)

FCS 271 - Family Relations (5)

IDH 281 - Housing & Interiors (5)

MFG 150 - The Manufacturing Enterprise or

CHE 171 - Intro to General Chemistry or

ECON 260 - Basic Economics (5)

CAS 251- Fundamentals of Public Speaking or

CAT 257 - Intro to Theatre or

ART 160 - Art in Life (5)

Health & Physical Activity 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activity (4)

Specifically Required Courses: Elect 25 hours from the following: 25 Hours

PM 250 - Graphic Arts I (5)

ART 251 - Drawing II (5)

ART 257 - Color Theory (5)

ADM 430 - Apparel Trade & Regulations (5)

ADM 452 - Advanced Apparel Production (3)

ADM 454 - Quality Control/Testing (5)

AD 472 - Functional Apparel (5)

AD 562 - Computer Aided Design II (5)

AD 399 - Selected Topics in Apparel Design (5)

Major Courses 68 Hours

HEC 410 - Senior Seminar (1)

ART 151 - Drawing I (5)

AD 168 - Introductory Clothing (5)

AD 250 - Social & Psychological Aspects of Clothing (5)

AD 350 - Principles of Textile/Apparel Design (5)

FM 360 - Fashion Fundamentals (5)

AD 362 - Advanced Clothing Construction (5)

FM 364 - Textiles

AD 365 - History of Costume (5)

AD 462 - Computer Aided Design I (5)

AD 420 - Pattern Grading (2)

AD 460 - Apparel Design Analysis I (5)

AD 470 - Apparel Design Analysis II (5)

AD 491 - Internship in Apparel Design (10-15)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931. 90+ hours contact a Department of Family and Consumer Sciences Faculty Advisor at (912) 681-5345.**PROGRAM ADMISSION CRITERIA:** Completion of 90 hours and 2.0 GPA in order to enroll in upper division major courses.

CONSUMER STUDIES**B.S.F.C.S.****193 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities & Fine Arts 20 Hours****Area II - Mathematics & Natural Sciences 20 Hours****Area III - Social Sciences 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ART 160 - Art in Life (5)

PSY 150 - Intro to Psychology (5)

CAS 251 - Intro to Theatre (5)

FCS 271 - Introductory Family Relations (5)

NFS 251 - Nutrition & Health (5)

AD 168 - Introductory Clothing (5)

Health & Physical 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activity (4)

Specifically Required Courses 30 Hours

Thirty hours planned with advisor, selected from business, communication arts, family and consumer sciences and/or other areas.

Major Courses 66-71 Hours

FCS 471 - Child Development (5)

FCS 472 - Children's Creative Activities or FCS 474 - Parenting: Family-Child & Interaction (5)

HEC 410 - Senior Seminar (1)

HEC 486 - Family Economics & Personal Finance (5)

HEC 491 - Internship in Home Economics (10-15)

HEC 580 - Promotional Techniques (5)

IDH 281 - Housing & Interiors (5)

IDH 385 - Interior Systems & Equipment (5)

IDH Elective (5)

NFS 151 - Introductory Food Science (5)

NFS 352 - Meal Management (5)

FM 364 - Textiles (5)

FM Elective (5)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931. 90+ hours contact a Family and Consumer Sciences Faculty Advisor at (912)681-5345.**PROGRAM ADMISSION CRITERIA:** Completion of 90 hours and 2.0 GPA in order to enroll in upper division major courses.

FAMILY & CHILD STUDIES**B.S.F.C.S.****193 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities & Fine Arts	20 Hours
Area II - Mathematics & Natural Sciences	20 Hours
Area III - Social Sciences	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
PSY 150 - Intro to Psychology (5)	
SOC 150 - Intro to Sociology (5)	
CAS 251 - Fundamentals of Public Speaking or CAT 257 - Intro to Theatre (5)	
IDH 281 - Housing & Interiors (5)	
NFS 251 - Nutrition & Health (5)	
FM 260 - Clothing & Consumer Behavior or AD 168 - Introductory Clothing (5)	
Health & Physical Activity	7 Hours
HTH 131 - Personal Health Promotion (3)	
KIN - Physical Activity (4)	
Specifically Required Courses: Child Development Emphasis	25 Hours
FCS 472- Children's Creative Activities (5)	
FCS 572 - Preceptorial in Child Development (5)	
FCS 575 - Readings in Child Development (5)	
Choose 10 hours from:	
HTH 550 - General Safety & First Aid (5)	
REC 356 - Recreation and Persons with Disabilities (5)	
REC 454 - Intro to Therapeutic Recreation (5)	
HEC 580 - Promotional Techniques (5)	
Specifically Required Courses: Family Service Emphasis	25 Hours
SOC 350 - Social Problems (5)	
SOC 370 - Social Welfare Policy & Service (5)	
SOC 453 - Social Work as a Profession (5)	
SOC 466 - Fields of Child Welfare (5)	
Choose 5 hours from:	
FCS 472 - Children's Creative Activities (5)	
SOC 480 - Sociology of the Family (5)	
JS 363 - Juvenile Justice (5)	
SOC 365 - Sociology of Death & Dying (5)	
Specifically Required Courses: Family Development Emphasis	25 Hours
FCS 577 - Family Life Programs (5)	
FCS 578 - Readings in Family Life and Child Development (5)	
SOC 381 - Methods of Social Research (5)	
Choose 10 hours from:	
PSY 350 - Psychology of Adjustment (5)	
PSY 374 - Social Psychology (5)	
FCS 472 - Children's Creative Activities (5)	
SOC 358 - Juvenile Delinquency	
SOC 359 - Race & Ethnic Relations	
SOC 480 - Sociology of the Family (5)	
SOC 365 - Sociology of Death & Dying (5)	
Major Courses	71 Hours
FCS 271 - Introductory Family Relations (5)	
FCS 471 - Child Development (5)	
FCS 474 - Parenting: Family-Child Interaction (5)	
FCS 475 - Assessment of Preschool Child (5)	
FCS 476 - Administration of the PreSchool Program (5)	
FCS 571 - Development in Infancy (5)	
FCS 575 - The Middle Child and Adolescent (5)	
FCS 576 - Development in Late-Stages of Life Cycles (5)	
HEC 410 - Senior Seminar (1)	
HEC 486 - Family Economics and Personal Finance (5)	
FCS 491 - Internship in Family and Child Studies (10-15)	
NFS 354 - Nutrition Throughout the Life Cycle (5)	
PSY 377 - Psychology of Human Sexuality or HTH 351 - Sexuality Education for the Health Professions (5)	

Foreign Language - Optional**Minor - Optional**

ADVISEMENT: 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931. 90+ hours contact a Family and Consumer Sciences Faculty Advisor at (912) 681-5345.

PROGRAM ADMISSION CRITERIA: Completion of 90 hours and 2.0 GPA in order to enroll in upper division major courses.

FASHION MERCHANDISING**B.S.F.C.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities & Fine Arts 20 Hours****Area II - Mathematics & Natural Sciences 20 Hours****Area III - Social Sciences 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

CIS 251 - Intro to Computer Information Systems (5)

CAS 251 - Intro to Theatre (5)

FCS 271 - Introductory Family Relations (5)

IDH 281 - Housing & Interiors (5)

NFS 251 - Nutrition & Health (5)

Choose 5 hours from the following:

ECO 260 - Basic Economics (5)

ACC 260 - Survey of Accounting (5)

CAJ 252 - Intro to Journalistic Writing (5)

Health & Physical Activity 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activity (4)

Specifically Required Courses 26 Hours

AD 168 - Introductory Clothing (5)

AD 250 - Social & Psychological Aspects of Clothing (5)

AD 365 - History of Costume (5)

HEC 410 - Senior Seminar (1)

HEC 580 - Promotional Techniques (5)

MKT 350 - Principles of Marketing (5)

Major Courses 55-60 Hours

FM 360 - Fashion Fundamentals (5)

FM 361 - Principles of Merchandising (5)

FM 363 - Fashion Presentation & Promotion (5)

FM 364 - Textiles (5)

FM 365 - Visual Merchandising (5)

FM 491 - Internship in Fashion Merchandising (10-15)

Elect 20 hours from the following:

AD 350 - Principles of Textile/Apparel Design (5)

AD 362 - Advanced Clothing Construction (5)

AD 462 - Computer Aided Apparel Design I (5)

ADM 452 - Advanced Apparel Production (5)

ART 252 - Three Dimensional Design (5)

FM 562 - Fashion In the Making (5)

IDH 385 - Interior Systems & Equipment (5)

MKT 351 - Principles of Advertising (5)

MKT 352 - Professional Selling (5)

MKT 354 - Retail Store Management (5)

MKT 450 - Retail Merchandising & Control (5)

Foreign Language - Optional**Minor - Optional****ADVISEMENT:** 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931. 90+ hours contact a Family and Consumer Sciences Faculty Advisor at (912) 681-5345.**PROGRAM ADMISSION CRITERIA:** Completion of 90 hours and 2.0 GPA in order to enroll in upper division major courses.

FOODS & NUTRITION**B.S.F.C.S.****200 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities & Fine Arts 20 Hours****Area II - Mathematics & Natural Sciences 20 Hours****Area III - Social Sciences 20 Hours****Area IV - Courses Appropriate to the Major**

CIS 251 - Intro to Computer Information Systems (5)

ECO 260 - Basic Economics (5)

FCS 271 - Introductory Family Relations (5)

SOC 150 - Intro to Sociology or

ANT 150 - Intro to Anthropology or

PSY 150 - Intro to Psychology (5)

ACC 260 - Survey of Accounting (5)

STA 255 - Statistics Using the Computer (5)

Health & Physical Activity 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activity (4)

Specifically Required Courses: Dietetics Emphasis 52 hrs

BIO 271-272- Human Anatomy & Physiology (10)

BIO 284 - Microbiology (5)

CHE 380 - Intro to Biochemistry (5)

HEC 580 - Demonstration & Promotion Techniques (5)

HTH 321 - Medical Terminology (2)

NFS 354 - Nutrition Throughout the Life Cycle (5)

NFS 451 - Nutrition Education Strategies (5)

NFS 452 - Advanced Nutrition (5)

NFS 453 - Therapeutic Nutrition (5)

NFS 454 - Experimental Study of Foods (5)

Specifically Required Courses: Hospitality Emphasis 45-52 Hours

NFS 467 - Catering & Beverage Management (5)

NFS 491 - Internship in Foods & Nutrition (10-15)

REC 352 - Survey of Travel & Tourism (5)

REC 372 - Hospitality Management (5)

REC 453 - Public Relations (5)

Optional Minor or Advisor approved Electives (10-20)

Major Courses 51 Hours

HEC 410 - Senior Seminar (1)

HEC 486 - Family Economics & Personal Finance or HEC 352 - Meal Management (5)

CAS 251 - Fundamentals of Public Speaking (5)

NFS 151 - Introductory Food Science (5)

NFS 251 - Nutrition & Health or NFS 351 - Nutrition (5)

NFS 455 - Cultural & Scientific Aspects of Food & Nutrition (5)

NFS 457 - Quantity Food Production (5)

RHI 456 - Purchasing for Restaurants, Hotels & Institutions (5)

RHI 556 - Cost Control in Restaurants, Hotels & Institutions (5)

RHI 558 - Organization & Administration in Restaurants, Hotels & Institutions (5)

MGT 351 - Management & Organizational Behavior (5)

Foreign Language - none**Minor - Optional****ADVISEMENT:** 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931. 90+ hours contact a Family and Consumer Sciences Faculty Advisor at (912) 681-5345.**PROGRAM ADMISSION CRITERIA:** Completion of 90 hours and 2.0 GPA in order to enroll in upper division major courses.

HOME ECONOMICS EDUCATION**B.S.Ed.****191 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

PSY 150 - Intro to Psychology or

SOC 150 - Intro to Sociology (5)

FCS 271 - Intro to Family Relations (5)

CAS 251 - Fundamentals of Public Speaking (5)

NFS 151 - Intro to Food Science (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses**Professional Education 38 Hours**

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)

SED 352 - Methods for Teaching Home Economics (5)

EDT 430 - Instructional Technology for Middle Grades & Secondary Schools (3)

SED 454 - Secondary School Curriculum (5)

SED 491 - Student Teaching (15)

Major Courses 56 Hours

IDH 281 - Housing & Interiors (5)

IDH 385 - Household Physics & Equipment (5)

NFS 251 - Nutrition (5)

NFS 352 - Meal Management (5)

AD 168 - Introductory Clothing (5)

AD 362 - Advanced Clothing Construction (5)

FM 364 - Textiles (5)

HEC 410 - Senior Seminar (1)

HEC 486 - Family Economics & Personal Finance (5)

HEC 490 - Special Problems in Home Economics (5)

FCS 471 - Child Development (5)

FCS 472 - Children's Creative Activities or

FCS 474 - Parenting (5)

ADVISEMENT: Each student in Home Economics Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by a faculty mentor in the Family and Consumer Sciences Department for guidance in content area course selection and for professional involvement in the discipline.

PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

INTERIOR DESIGN & HOUSING**B.S.F.C.S.****193 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities & Fine Arts 20 Hours****Area II - Mathematics & Natural Sciences 20 Hours****Area III - Social Sciences 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

ART 151 - Drawing I (5)

ART 152 - Two-Dimensional Design (5)

ECO 260 - Basic Economics or ACC 260 - Survey of Accounting (5)

FCS 271 - Introductory Family Relations (5)

IDH 281 - Housing & Interiors (5)

TD 152 - Architectural Graphics (5)

Health & Physical Activity 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activity (4)

Specifically Required Courses: 21 Hours

ART 257 - Color Theory (5)

HEC 410 - Senior Seminar (1)

IDH 282 - Presentation in Interior Design I (5)

IDH 283 - Workroom I (5)

ART 352 - Lettering and Layout (5)

Major Courses 75 Hours

IDH 380 - Textiles for Interiors (5)

IDH 381 - Residential Interior Design (5)

IDH 382 - Survey of Interiors: Historical (5)

IDH 383 - Contemporary Furnishings (5)

IDH 385 - Interior Systems & Equipment (5)

IDH 481 - Interior Accessories (5)

IDH 482 - Workroom II (5)

IDH 485 - Lighting for Interiors (5)

IDH 486 - Contract Interior Design (5)

IDH 487 - Professional Practices & Procedures for Interior Design (5)

IDH 491 - Internship in Interior Design (10-15)

BCC 431 - Bldg Codes (5)

HEC 580 - Promotional Techniques (5)

Foreign Language - None**Minor - Optional****ADVISEMENT:** 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg. (912) 871-1931. 90+ hours contact a Family and Consumer Sciences Faculty Advisor at (912) 681-5345.**PROGRAM ADMISSION CRITERIA:** Completion of 90 hours and 2.0 GPA in order to enroll in upper division major courses.

RESTAURANT, HOTEL & INSTITUTIONAL ADMINISTRATION**B.S.F.C.S.****198 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities & Fine Arts	20 Hours
Area II - Mathematics & Natural Sciences	20 Hours
Area III - Social Sciences	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
CIS 251 - Intro to Computer Information Systems (5)	
*ECO 260 - Basic Economics	
STA 255 - Statistics Using the Computer I (5)	
FCS 271 - Introductory Family Relations (5)	
NFS 151 - Introductory Food Science (5)	
NFS 251 - Nutrition & Health (5)	
Health & Physical Activity	7 Hours
HTH 131 - Personal health Promotion (3)	
KIN - Physical Activity (4)	
Specifically Required Courses	30 Hours
*ACC 260 - Survey of Accounting (5)	
*FIN 351 - Corporate Finance (5)	
MGT 351 - Management & Organizational Behavior (5)	
MGT 371 - Human Resource Management (5)	
MGT 475 - Information Systems (5)	
*MKT 350 - Principles of Marketing (5)	
Major Courses	71-76 Hours
LST 352 - Business Law (5)	
NFS 326 - Food Service Sanitation	
NFS 457 - Quantity Food Production	
NFS 467 - Catering & Beverage Management (5)	
HEC 410 - Senior Seminar (1)	
RHI 153 - Intro to Restaurant, Hotel & Institutional Management (5)	
RHI 336 - Dining Room Management in Restaurant, Hotel & Institutions (3)	
RHI 355 - Restaurant, Hotel & Institution Facilities Design & Maintenance (5)	
RHI 357 - Institutional Housekeeping (5)	
RHI 451 - Marketing & Sales in Restaurant, Hotel & Institutional Administration (5)	
RHI 456 - Purchasing for Restaurant, Hotel & Institutional Administration (5)	
RHI 462 - Hotel Operations (5)	
RHI 491 - Internship in Restaurant, Hotel & Institutional Administration (10-15)	
RHI 556 - Cost Control in Restaurant, Hotel & Institutional Administration (5)	
RHI 558 - Organization & Administration in Restaurant, Hotel & Institutional Admin (5)	

Foreign Language - Optional

ADVISEMENT: 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg. (912) 871-1931. 90+ hours contact a Family and Consumer Sciences Faculty Advisor at (912) 681-5345.

PROGRAM ADMISSION CRITERIA: Completion of 90 hours and 2.0 GPA in order to enroll in upper division major courses.

* Minor Courses required for Business Minor 20 hrs

COACHING EDUCATION**CONCENTRATION****21 HOURS**

- KIN 3500 - Principles of Coaching (5)
- KIN 3510 - Theory of Sport Conditioning (2)
- KIN 3520 - Psychology of Coaching (3)
- KIN 4599 - Coaching Practicum (5)

Select 2 from the following:

- KIN 3501 - Principles of Officiating (3)
- KIN 3530 - Coaching Baseball & Softball (3)
- KIN 3531 - Coaching Basketball (3)
- KIN 3532 - Coaching Football (3)
- KIN 3533 - Coaching Olympic Sports (3)
- KIN 3534 - Coaching Swimming & Diving Techniques (3)

The concentration is open to any student interested in coaching. Completion of the concentration will prepare students for certification by the National Federation of Interscholastic Coaches Education Program (NFICEP) and American Sport Education Program (ASEP). Interested students should contact the Department of Health and Kinesiology Office, Hollis 2115 for information and advisement.

Physical Activity Program

Four units of physical activity (four one-hour courses) are required of all students. The goal of the Physical Activity Program is to help each student attain and maintain a degree of physical fitness and motor skill as well as develop an interest in lifetime physical activity. This goal is accomplished through imparting knowledge, movement techniques, strategies, and rules of exercise, sport and physical activities. Courses may not be repeated for credit. Course offerings are listed below:

KIN 1000	Aerobics	KIN 1120	Golf
KIN 1001	Aerobics: Intermediate	KIN 1121	Golf: Intermediate
KIN 1002	Aerobic Cross Training	KIN 1130	Jogging
KIN 1010	Badminton	KIN 1140	Outdoor Education Activities KIN
KIN 1011	Badminton: Intermediate	KIN 1150	PA for People with Disabilities I
KIN 1020	Basketball	KIN 1151	PA for People with Disabilities II
KIN 1021	Basketball: Intermediate	KIN 1152	PA for People with Disabilities III
KIN 1030	Body Conditioning	KIN 1153	PA for People with Disabilities IV
KIN 1040	Bowling	KIN 1160	Racquetball
KIN 1041	Bowling: Intermediate	KIN 1161	Racquetball: Intermediate
KIN 1050	Canoeing	KIN 1170	Scuba
KIN 1060	Dance: Ballet	KIN 1171	Scuba: Intermediate
KIN 1061	Dance: Ballet Intermediate	KIN 1180	Self Defense
KIN 1062	Dance: Clogging	KIN 1181	Self Defense: Intermediate
KIN 1063	Dance: Country Western	KIN 1190	Soccer
KIN 1064	Dance: Folk	KIN 1191	Soccer: Intermediate
KIN 1065	Dance: Line	KIN 1200	Softball
KIN 1066	Dance: Modern	KIN 1201	Softball: Intermediate
KIN 1067	Dance: Social	KIN 1210	Swimming
KIN 1068	Dance: Social Intermediate	KIN 1211	Swimming: Intermediate
KIN 1069	Dance: Square	KIN 1212	Swimming: Aquatic Aerobics
KIN 1070	Dance: Tap	KIN 1213	Swimming: Fitness Swimming
KIN 1080	Equestrian	KIN 1220	Tennis
KIN 1081	Equestrian: Intermediate	KIN 1221	Tennis: Intermediate
KIN 1090	Fencing	KIN 1230	Tumbling
KIN 1091	Fencing: Intermediate	KIN 1240	Volleyball
KIN 1100	Fitness Walking	KIN 1241	Volleyball: Intermediate
KIN 1110	Football: Flag	KIN 1250	Weight Training
KIN 1111	Football: Flag Intermediate	KIN 1251	Weight Training: Intermediate

All courses are one credit hour. All students are required to read and sign the Departmental Agreement to Participate form prior to the first day of activity. All activities are taught at the beginning level unless described otherwise. Please contact the department office for detailed course descriptions. The following courses require additional fees: KIN 1040, 1041, 1080, 1081, 1120, 1121, 1170, 1171. Please contact the Healthful Living and Physical Activity Programs Office (Hollis 1104) for specifics regarding fee structure for each course.

Proficiency testing may be used to substitute for selected courses. Proficiency testing is offered during the fifth week of Fall, Winter, and Spring quarters. Students wishing to satisfy the physical activity requirement through proficiency testing must contact the Healthful Living and Physical Activity Programs Office (Hollis 1104) prior to the test date.

COMMUNITY HEALTH**B.S.H.S.****191 HOURS***See page 25 for Core Curriculum, Areas I-III required of all students*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
BIO 271 - Anatomy & Physiology I (5)	
BIO 272 - Anatomy & Physiology II (5)	
BIO 284 - Microbiology (5)	
CIS 251 - Intro to Computers (5)	
NFS 251 - Nutrition & Health (5)	
FED 260 - Human Growth & Development (5)	
Health & Physical Activity	7 Hours
HTH 131 - Personal Health Promotion (3)	
KIN Physical Activities (4 @ 1 credit hour each)	
Specifically Required Courses	15 Hours
FED 551 - Adolescent Psychology (5)	
SOC 463 - Aging (5)	
SOC 452 - Community Organization (5)	
Major Courses	64 Hours
HTH 230 - Intro to Health Education: Theory & Practice (3)	
HTH 321 - Medical Terminology (2)	
HTH 350 - Health & Disease (5)	
HTH 351 - Sexuality Education for the Health Professions (5)	
HTH 352 - Drug-Related Issues for the Health Professional (5)	
HTH 353 - Consumer Health (5)	
HTH 431 - Needs Assessment (3)	
HTH 432 - Implementation Techniques (3)	
HTH 451 - Community Health (5)	
HTH 491 - Internship in Health Science (15)	
HTH 537 - Health Promotion Program Planning (3)	
HTH 538 - Evaluation of Health Promotion Programs (3)	
HTH 520 - Senior Seminar (2)	
HTH 550 - General Safety & First Aid (5)	
General Electives	10 Hours

Foreign Language - Optional**Minor** - Optional

ADVISEMENT: 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931. 90+ hours contact Faculty Advisor in the Department of Health and Kinesiology at 681-0200.

PROGRAM ADMISSION CRITERIA:

- Must have completed 60 hours with at least 10 hours of "C" or better work from the following courses: CHE 171/172 or CHE 181/182, BIO 271/272, STA 255/256, PHY 251/252, and/or NFS 251.
- An adjusted GPA of 2.25 or higher is required on all work attempted at GSU; transfer students must have a GPA of 2.25 or higher on work attempted at other institutions.
- A grade of "C" or better must be earned in each course in Area IV.
Students interested in the major should declare Pre-Community Health as their major.

EXERCISE SCIENCE**B.S.K.****192 HOURS***See page 25 for Core Curriculum, Areas I-III required of all students*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
BIO 271 - Anatomy & Physiology I (5)	
BIO 272 - Anatomy & Physiology II (5)	
BIO 284 - Microbiology (5)	
PHY 251 - Mechanics (5)	
NFS 251 - Nutrition & Health (5)	
STA 255 - Statistics Using the Computer (5)	
Health & Physical Activity	7 Hours
HTH 131 - Personal Health Promotion (3)	
KIN Physical Activities (4 @ 1 credit hour each)	
Specifically Required Courses (Kinesiology Core)	25 Hours
KIN 2100 - Intro to Kinesiology (5)	
KIN 3100 - Research Methods in Kinesiology (5)	
KIN 3120 - Administrative Principles in Kinesiology (5)	
KIN 3130 - Biophysical Foundations of Human Movement (5)	
KIN 3140 - Behavioral Foundations of Human Movement (5)	
Major Courses	40 Hours
KIN 3200 - Motor Control, Coordination, & Skill (5)	
KIN 3210 - Psychological Dynamics of Exercise (5)	
KIN 3220 - Physiological Aspects of Exercise (5)	
KIN 3230 - Biomechanical Analysis of Movement (5)	
KIN 4200 - Fitness Evaluation & Exercise Prescription (5)	
KIN 4299 - Practicum in Exercise Science (3)	
KIN 4198 - Internship in Exercise Science or (12)	
KIN 4199 - Exercise Science Senior Thesis	
Major Electives	20 Hours
With approval of the Undergraduate Exercise Science Program Coordinator, students may choose 20 hours from Kinesiology, Health Science, Biology, Physics, Psychology, Chemistry, or Family and Consumer Sciences and other disciplines as suggested by the Coordinator.	
General Electives	10 Hours
Foreign Language - Optional	
Minor - Optional	

ADVISEMENT: 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931. 90+ hours contact Faculty Advisor in the Health and Kinesiology Department at (912) 681-0200.

HEALTH AND PHYSICAL EDUCATION**B.S.Ed.****217 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

FED 251 - Foundations of Education (5)

FED 260 - Human Growth & Development (5)

BIO 271 - Human Anatomy and Physiology I (5)

BIO 272 - Human Anatomy and Physiology II (5)

Advisor-approved electives from Areas, I, II, or III of the Core Curriculum (10)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses**Professional Education 35 Hours**

FED 361 - Educational Psychology (5)

EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)

EMS 393 - Curriculum & Methods in Health & Physical Education: K-12 (10)

EMS 491 - Student Teaching (15)

Major Courses 85 Hours**46 Hours of Specialized Teaching Field Courses**

KIN 2410 - Dance & Aquatics (3)

KIN 2413 - Tumbling & Track & Field (3)

KIN 3510 - Theory of Sport Conditioning (3)

KIN 3400 - PE for Early Childhood, P-4 (3)

KIN 3401 - PE for Middle Grades, 5-8 (3)

KIN 3402 - PE for Secondary Schools, 9-12 (3)

KIN 2400 - Foundation of Health & Physical Education (5)

KIN 3140 - Behavior Foundations of Human Movement (5)

KIN 4400 - Program Development (3)

KIN 3130 - Biophysical Foundation of Human Movement (5)

KIN 3120 - Administration Principles in Kinesiology (5)

KIN 3420 - Tests & Measurements in Physical Education (5)

25 Hours of Health Courses

HTH 350 - Health and Disease (5)

HTH 351 - Sexuality Education (5)

HTH 353 - Drug-Related Education (5)

HTH 550 - General Safety & First Aid (5)

HTH 555 - Organization & Materials of the School Health Program (5 hrs)

The seven remaining courses should be selected from a variety of activities to ensure breadth in physical activity.

One Fitness Activity (1)

Two Team Sport Activities (1)

One Tumbling/Gymnastics Activity (1)

Two Individual or Dual Sport Activities (1)

One Rhythm/Dance Activity (1)

ADVISEMENT: Each student in Health and Physical Education is assigned to an advisor in the College of Education Advisement Center for program planning and course scheduling. Students are also co-advised by a faculty mentor in the Kinesiology Department for guidance in content area course selection and for professional involvement in the discipline.**PROGRAM ADMISSION CRITERIA:** See B.S.Ed. Degree Requirements

- Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better.

OTHER PROGRAM REQUIREMENTS:

- A "C" or better on all courses in the teaching field and professional education
- Courses should be taken in proper sequence
- Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)

HEALTH PROMOTION	B.S.H.S.	191 HOURS
<i>See page 25 for Core Curriculum, Areas I-III required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
BIO 271 - Anatomy & Physiology I (5)		
BIO 272 - Anatomy & Physiology II (5)		
BIO 284 - Microbiology (5)		
CIS 251 - Intro to Computers (5)		
NFS 251 - Nutrition & Health (5)		
FED 260 - Human Growth & Development (5)		
Health & Physical Activity		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN Physical Activities (4 @ 1 credit hour each)		
Specifically Required Courses		20 Hours
MKT 350 - Principles of Marketing (5)		
KIN 3220 - Physiological Aspects of Exercise (5)		
KIN 3410 - Adapted Physical Education (5)		
KIN 4200 - Fitness Evaluation & Exercise Prescription (5)		
Major Courses		64 Hours
HTH 230 - Intro to Health Education: Theory & Practice (3)		
HTH 321 - Medical Terminology (2)		
HTH 350 - Health & Disease (5)		
HTH 351 - Sexuality Education for the Health Professions (5)		
HTH 352 - Drug-Related Issues for the Health Professional (5)		
HTH 353 - Consumer Health (5)		
HTH 431 - Needs Assessment (3)		
HTH 432 - Implementation Techniques (3)		
HTH 451 - Community Health (5)		
HTH 491 - Internship in Health Science (15)		
HTH 537 - Health Promotion Program Planning (3)		
HTH 538 - Evaluation of Health Promotion Programs (3)		
HTH 520 - Senior Seminar (2)		
HTH 550 - General Safety & First Aid (5)		
General Electives		10 Hours
Foreign Language - Optional		
Minor - Optional		

ADVISEMENT: 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931. 90+ hours contact the Department of Health and Kinesiology Faculty Advisor at 681-0200.

PROGRAM ADMISSION CRITERIA:

- Must have completed 60 hours with at least 10 hours of "C" or better work from the following courses: CHE 171/172 or CHE 181/182, BIO 271/272, STA 255/256, PHY 251/252, and/or NFS 251.
 - An adjusted GPA of 2.25 or higher is required on all work attempted at GSU; transfer students must have a GPA of 2.25 or higher on work attempted at other institutions.
 - A grade of "C" or better must be earned in each course in Area IV.
- Students interested in the major should declare Pre-Health Promotion as their major.

MEDICAL TECHNOLOGY**B.S.M.T.****205 HOURS***See page 25 for Core Curriculum, Areas I-III required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
BIO 271 - Anatomy & Physiology I (5)	
BIO 272 - Anatomy & Physiology II (5)	
CHE 181 - General Chemistry I (5)	
CHE 182 - General Chemistry II (5)	
CHE 183 - General Chemistry III (5)	
STA 255 - Statistics Using the Computer (5)	
Health & Physical Activity	7 Hours
HTH 131 - Personal Health Promotion (3)	
KIN Physical Activities (4 @ 1 credit hour each)	
Specifically Required Courses	20 Hours
CHE 377 - Organic Chemistry I (5)	
CHE 378 - Organic Chemistry II (5)	
BIO 484 - Bacteriology (5)	
BIO 358 - Intro to Immunology (5)	
Major Courses	12 Hours
Choose 12 hours from the following:	
HTH 321 - Medical Terminology (2)	
HTH 351 - Sexuality Education for the Health Professions (5)	
HTH 352 - Drug-Related Issues for the Health Professional (5)	
HTH 353 - Consumer Health (5)	
HTH 451 - Community Health (5)	
HTH 550 - General Safety & First Aid (5)	

Additionally, 76 quarter hours of medical technology courses will be taken at Armstrong Atlantic State University. **76 hrs**

Foreign Language - Optional

Minor - Optional

ADVISEMENT: 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931.

PROGRAM ADMISSION CRITERIA: Contact Armstrong Atlantic State University for information and applications for admission to the Medical Technology program.

SPORTS MEDICINE**B.S.K.****190 HOURS***See page 25 for Core Curriculum, Areas I-III required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
BIO 271 - Anatomy & Physiology I (5)	
BIO 272 - Anatomy & Physiology II (5)	
PHY 251 - Mechanics (5)	
PHY 252 - Heat, Sound, & Light (5)	
PHY 253 - Electricity & Magnetism (5)	
STA 255 - Statistics Using the Computer (5)	
Health & Physical Activity	7 Hours
HTH 131 - Personal Health Promotion (3)	
KIN Physical Activities (4 @ 1 credit hour each)	
Specifically Required Courses (Kinesiology Core)	25 Hours
KIN 2100 - Intro to Kinesiology (5)	
KIN 3100 - Research Methods in Kinesiology (5)	
KIN 3120 - Administrative Principles in Kinesiology (5)	
KIN 3130 - Biophysical Foundations of Human Movement (5)	
KIN 3140 - Behavioral Foundations of Human Movement (5)	
Major Courses	43 Hours
NFS 251 - Nutrition & Health (5)	
KIN 3210 - Psychological Dynamics of Exercise (5)	
KIN 3220 - Physiological Aspects of Exercise (5)	
KIN 3230 - Biomechanical Analysis of Movement (5)	
KIN 3330 - Prevention & Care Techniques in Sports Medicine (4)	
KIN 3340 - Evaluation & Assessment of Lower Extremity Injuries (4)	
KIN 3341 - Evaluation & Assessment of Upper Extremity Injuries (4)	
KIN 3350 - Therapeutic Modalities in Sports Medicine (4)	
KIN 3360 - Therapeutic Exercise and Rehabilitation (4)	
KIN 3370 - Drugs & the Athlete (3)	
Major Clinical Requirements	18 Hours
KIN 2300 - Clinical Skills in Sports Medicine I (2)	
KIN 2310 - Clinical Skills in Sports Medicine II (2)	
KIN 2320 - Clinical Skills in Sports Medicine III (2)	
KIN 3300 - Clinical Applications In Sports Medicine I (2)	
KIN 3310 - Clinical Applications In Sports Medicine II (2)	
KIN 3320 - Clinical Applications In Sports Medicine III (2)	
KIN 4300 - Clinical Practicum in Sports Medicine I (2)	
KIN 4310 - Clinical Practicum in Sports Medicine II (2)	
KIN 4320 - Clinical Practicum in Sports Medicine III (2)	
General Electives	10 Hours

Foreign Language - Optional**Minor** - Optional

ADVISEMENT: 0-89 hours contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931. 90+ hours contact Faculty Advisor in the Health and Kinesiology Department at (912) 681-0200.

PROGRAM ADMISSION CRITERIA:

Minimum requirements:

- An adjusted grade point average (GPA) of 2.75 or better on all course work attempted (transfer course work and work completed at Georgia Southern University are considered)
- Completed a minimum of 30 quarter hours, with 10 hours from Area II
- A grade of "C" or better in all Area II course work
- A personal interview

To be considered for the Sports Medicine Major, students must submit an application. Applications are available from the Health and Kinesiology Department Office, Hollis 2115. Students interested in the major should declare Pre-Sports Medicine as their major.

NURSING	B.S.N.	187 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
BIO 271 - Human Anatomy and Physiology I (5)		
BIO 272 - Human Anatomy and Physiology II (5)		
BIO 284 - Microbiology (5)		
SOC 150 - Intro to Sociology OR PSY 150 - Intro to Psychology (5)		
FCS 371 - Lifespan Development (5)		
NFS 252 - Nutrition and Diet Therapy (5)		
Health and Physical Activity		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Activity (4)		
Specifically Required Courses		35 Hours
Professional Nursing Requirements:		
NUR 235 - Intro. to the Conceptual Basis of Nursing Health Promotion Throughout Life (3)		
NUR 245 - Pharmacology and Alternative Therapeutic Modalities (3)		
NUR 260 - Therapeutic Nursing Interventions : Health Promotion I (5)		
NUR 265 - Therapeutic Nursing Interventions Practicum I (4)		
CHE 171 - Intro. to General Chemistry I (5)		
CHE 172 - Intro. to General Chemistry II (5)		
SOC 150 - Intro to Sociology OR PSY 150 - Intro to Psychology (5)		
ELECTIVE - (5)		
Major Courses: Professional Nursing Requirements		70 Hours
NUR 300 - Health Assessment Across the Lifespan (4)		
NUR 310 - Mental Health Nursing: Health Promotion II (5)		
NUR 315 - Therapeutic Nursing Interventions Practicum II (4)		
NUR 320 - Nursing Care of Adults: Health Promotion III (5)		
NUR 325 - Therapeutic Nursing Interventions Practicum III (4)		
NUR 340 - Critical Inquiry: Nursing Research (4)		
NUR 360 - Nursing Care of Developing Families: Health Promotion IV (5)		
NUR 365 - Therapeutic Nursing Interventions Practicum IV (4)		
NUR 410 - Nursing Care of Children: Health Promotion V (5)		
NUR 415 - Therapeutic Nursing Interventions Practicum V (4)		
NUR 420 - Complex Health Problems: Health Promotion VI (3)		
NUR 425 - Therapeutic Nursing Interventions Practicum VI (3)		
NUR 430 - Community Health Nursing: Health Promotion VII (5)		
NUR 435 - Therapeutic Nursing Interventions Practicum VII (3)		
NUR 480 - Nursing Management and Multidisciplinary Collaboration: Health Promotion VIII (5)		
NUR 485 - Therapeutic Nursing Interventions VIII: Role Practicum (4)		
NUR 490 - Professional Nursing: Integration of Professional Nursing Concepts (3)		
Major Courses: Professional Nursing Requirements--RN-BSN Track		50 Hours*
NUR 350 - Intro. To Professional Nursing Concepts (5)		
NUR 421 - Nursing Tools: Teaching/Learning (2)		
NUR 423 - Health Care Options (2)		
NUR 445 - Transcultural Health Care (4)		
NUR 447 - Nursing Issues (4)		
NUR 448 - Nursing Research (4)		
NUR 492 - Rural Community Nursing I (7)		
NUR 493 - Rural Community Nursing II (7)		
NUR 494 - Principles of Nursing Management (7)		
NUR 495 - Independent Study OR		
NUR 499 - Selected Topics (3)		
NUR 550 - Physical Assessment Across the Lifespan OR		
NUR 556 - Health Policy Concerns in Delivery Systems (5)		

*RN students will be awarded 49 additional credit hours for sophomore and junior level nursing courses after successful completion of 15 hours of RN-BSN nursing courses.

(Continued on next page)

NURSING**(Continued)****Foreign Language - Optional****Minor - Optional**

ADVISEMENT: Pre-Nursing majors are advised in the College of Health and Professional Studies Student Services Center, Hollis Bldg, Room 0107, (912) 871-1931. Nursing majors (BSN) are advised in the Department of Nursing, BSN Office, Nursing Bldg II, room 104, (912) 681-5242. RN-BSN Completion Track Majors are advised in the Department of Nursing, RN-BSN Office, Nursing Bldg I, Room 122, (912) 681-5994.

PROGRAM ADMISSION CRITERIA: BSN nursing program applicants must meet the University entrance requirements as described in the General Catalog. All applicants must apply for admission to both the University and the Department of Nursing. Once admitted to the University, students should contact the Department of Nursing for advisement as requirements will change for the 1998/1999 admission cycle. The University is scheduled to convert to the semester system in the Fall of 1998. In order to be considered for the Bachelor of Science in Nursing degree program, applicants must have met the following minimum requirements by the application deadline:

1. Attained admission to Georgia Southern University.
2. Achieved a minimum adjusted grade point average of 2.7 on all course work attempted (including transfer course work and course work completed at Georgia Southern University).
3. Completed a minimum of 30 quarter hours of required course work.
4. Completed the first course in the required lab science sequence.
5. Returned the nursing application to the Department by the announced deadline.
6. Obtained three references and confirmed that they were received by the Department of Nursing by the announced deadline.
7. For transfer students: Requested official transcript(s) for all college course work attempted, including Winter Quarter, and assured that it has been received by the Admissions Office by the announced deadline.

Applicants must have met the following requirements before enrollment in NUR 235:

1. Completed a minimum of 45 quarter hours of earned credit.
2. Completed the prescribed 10-hour lab science sequence.
3. Completed BIO 271 (A&P) and enrolled in BIO 272.
4. Completed nursing health requirements including separate Health Form.
5. Maintained a minimum adjusted GPA of 2.5.
6. Met Department of Nursing clinical requirements including: (a) health history and physical examination; (b) essential performance standards for nursing practice; (c) immunization requirements including measles, rubella, and hepatitis-B (see Department of Nursing Student Handbook for specific details); (d) rubella titer; (e) tuberculosis screening; (f) professional liability insurance.
7. Attended a Department of Nursing orientation session.
8. For applicants holding a current valid health professional license (e.g. RN, LPN, EMT, RT, RD): Brought the actual license to the Department for visualization by a faculty member and photocopied prior to the start of the first class in the Nursing Program.
9. Completed the Nurse Entrance Test (NET).

Applicants to the RN-BSN Track must have met the same minimum requirements as for the BSN Program with the following exceptions:

1. RN students do not have to have completed the 10-hour lab science sequence prior to enrollment.
2. RN students must furnish valid proof of current Georgia RN Licensure.
3. RN students do not have to take the Nurse Entrance Test.
4. RN students must have completed BIO 271, 272, and 284.

OTHER PROGRAM REQUIREMENTS:

Students are responsible for:

- transportation for selected off-campus practicums and field trips.
- transportation and maintenance costs for tertiary care nursing course experiences in a major urban hospital.
- the purchase of uniforms, white shoes, stethoscope, and sphygmomanometer.
- maintaining personal health and accident insurance coverage.
- the payment of fees for selected achievement tests during sophomore, junior and senior years.
- additional expenses which may include the cost of a nursing pin, academic regalia rental, and state board licensing examinations fees.

For additional information, contact the BSN Program Secretary, Department of Nursing, Nursing Bldg II, Room 104, (912) 681-5242. RN students wishing to pursue the BSN degree should contact the RN-BSN Completion Track secretary, Nursing Bldg I, Room 122, (912) 681-5994.

The Department of Nursing Programs are accredited by the National League for Nursing Accrediting Commission.

The National League for Nursing Accrediting Commission (NLNAC) is a resource for information about tuition, fees, and length of program. For specific information contact the NLNAC at 350 Hudson Street, New York, N.Y., 10014, 1-800-669-9656.

RECREATION**B.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

REC 151 - Intro to Recreation (5)

REC 152 - Recreation Leadership (5)

REC 252 - Program Planning (5)

ART, MUSIC, CAS 251, or CA 252 (5)

CIS 251 or REC 254 (5)

SOC 150, PSY 150, ANT 150, or NFS 151 (5)

Health and Physical Activity Courses 7 Hours

HTH 131 - Healthful Living (3)

KIN - Physical Activity (4)

Major Courses**Core Requirement 47-52 Hours**

REC 310 - Convocation (1)

REC 353 - Supervision (5)

REC 356 - Recreation and Persons with Disabilities (5)

REC 358 - Practicum (5)

REC 365 - Outdoor Recreation (5)

REC 410 - Convocation (1)

REC 451 - Intro to Research (5)

REC 453 - Public Relations (5)

REC 459 - Recreation Management (5)

REC 491 - Recreation Internship (10/15)

Recreation Elective Courses 15-20 Hours

Courses to be selected-specific to one of the following emphasis areas: Recreation Administration, Therapeutic Recreation, Resort and Commercial Recreation, Natural and Cultural Resource Management, and Travel and Tourism Management.

REC 351 - Organization and Administration of Public Recreation (5)

REC 352 - Travel and Tourism (5)

REC 354 - Camping and Outdoor Recreation (5)

REC 362 - Commercial Recreation (5)

REC 366 - Interpretive Methods (5)

REC 367 - Natural Resource Recreation Management (5)

REC 372 - Hospitality Management (5)

REC 376 - Museum Collections (5)

REC 398 - Problems in Recreation (1-5)

REC 452 - Facilities Planning (5)

REC 454 - Intro to Therapeutic Recreation (5)

REC 455 - Therapeutic Recreation Programming for the Clinical Setting (5)

REC 456 - Special Problems in Therapeutic Recreation Services (5)

REC 457 - Therapeutic Recreation and Older Adults (5)

REC 458 - Marketing Tourism Services (5)

REC 475 - Museum Resources Interpretation (5)

REC 476 - Museum Resources Administration (5)

Non-recreation advisor-approved electives of 300-400 level course work 15-20 Hours**Free Electives 6-11 Hours****Foreign Language - Optional****Minor - Optional****ADVISEMENT:** Students with 0-89 hours are advised in the CHPS Student Services Center, Room 0107 Hollis, phone 871-1931. Students with 90 or more hours will be advised in the Department of Recreation and Sport Management, Room 1119, Hollis Bldg, phone (912) 681-5462.**PROGRAM ADMISSION CRITERIA:**

- A student must have a minimum adjusted GPA of 2.0 to enter the recreation degree program.
- To enroll in either the practicum or the internship a student must have a minimum adjusted GPA of 2.0.
- The practicum must be successfully completed by the end of the junior year or by the time the student has accumulated 135 credit hours towards graduation.

SPORT MANAGEMENT**B.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

STA 255 - Intro to Statistics Using the Computer (5)

CIS 251 - Intro to Computer Information Systems (5)

SOC 150 - Intro to Sociology OR PSY 150 - Intro to Psychology (5)

CA 250 - Intro to Mass Communications (5)

ACC 260 - Survey of Accounting (5)

SM 250 - Intro to Sport Management (5)

Health and Physical Activity Courses 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activity (4)

Major Courses 85 Hours*Sport Management Core - 30 hours*

SM 351 - Sport Management Practicum (5)

SM 451 - Social and Economic Influence of Sport (5)

SM 454 - Sport Promotion and Marketing (5)

SM 456 - Sport Finance and Facility Management (5)

SM 550 - Legal Problems in Sport Management (5)

REC 453 - Public Relations (5)

Business Minor Core - 20 hours

ECO 260* - Basic Economics (5)

MKT 350 - Principles of Marketing (5)

MGT 351 - Management and Organizational Behavior (5)

FIN 351 - Corporation Finance I (5)

MGT 371 - Human Resource Management OR MKT - 352 Professional Selling (5)

*Course taken in Area III

Area of Emphasis I - Sport Administration - 20 hours

SM 450 - Sport Enterprise Operation (5)

SM 452 - Risk Management (5)

SM 453 - Athletic Director (5)

SM 551 - Athletic Governance (5)

KIN 5212 - Fitness and Wellness Programs (5)

KIN 3120 - Administrative Principles in Kinesiology (5)

Area of Emphasis II - Sport Promotion - 20 hours

CAP 340 - Intro to Public Relations (4)

CAP 342 - Public Relations Communication Program (4)

CAP 440 - Public Relations Campaign Strategies (4)

MKT 351 - Principles of Advertising (5)

MKT 352 - Professional Selling (5)

MKT 457 - Service Marketing (5)

PM 336 - Desktop Publishing (3)

Area of Emphasis III - Sport Communication - 20 hours

CA 254 - Voice and Phonetics (5)

CAB 347 - Radio Production (4)

CAB 444 - Television Production I (4) CAJ

252 - Intro to Journalistic Writing (5) CAJ

343 - News Reporting and Writing (4) CAJ

445 - Feature Writing (4)

CAJ 446 - Radio/Television News and Interviewing (4)

MKT 352 - Professional Selling (5)

Internship (15)

SM 590 - Sport Management Internship (15)

Free Elective 8 Hours**Foreign Language - Optional****Minor Required 30 hours****ADVISEMENT:** Students with 0-89 hours should contact the College of Health and Professional Studies Student Services Center, Room 0107, Hollis Bldg, (912) 871-1931. Students with 90+ hours should contact a Department of Recreation and Sport Management Faculty Advisor at (912) 681-5462.**PROGRAM ADMISSION CRITERIA:**

- A 2.25 or better GPA.
- Must earn a "C" or better in all major courses.
- Internship requires approval of major advisor.

College of Liberal Arts and Social Sciences

Dean: Roosevelt Newson
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Assistant Dean: Nancy Wright
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Mission and Objectives

The College of Liberal Arts and Social Sciences includes those academic disciplines that explore human society, behavior, communication, and artistic achievement. Three areas of knowledge essential to this purpose are the humanities, fine arts, and social sciences. The College also recognizes that a vital part of life is the work that one does, and so it encompasses a number of programs that offer career preparation. The goals of the College of Liberal Arts and Social Sciences are to

- offer programs of study in the liberal arts, primarily the B.A. degree
- offer preparation in the professions, often leading towards advanced degrees, chiefly in the B.S. degree
- offer training in selected vocations
- infuse the college's professional vocational programs with a solid grounding in the liberal arts
- provide core curriculum and elective courses for all the students of Georgia Southern University and in other ways to promulgate humanistic values on the campus.

Structure

The College of Liberal Arts and Social Sciences includes ten departments:

Department of Art

Richard Tichich, Chair
Professors: S. Bayless (Emeritus), F. Gernant (Emerita), J. Hines, J. Olson (Emeritus), O. Onyile, R. Remley, (Emerita), T. Steadman, R. Tichich
Associate Professors: J. Rhoades Hudak, H. Iler, B. Little, J. Pleak, R. Sonnema
Assistant Professors: P. Carter, J. McGuire, P. Walker
Temporary Assistant Professors: G. Carter, M. Obershan, I. Sandkühler

Department of Communication Arts

Hal Fulmer, Acting Chair
Professors: D. Addington, M. Shytles (Emeritus)
Associate Professors: G. Dartt, H. Fulmer, C. Geyerman, R. Johnson, P. Pace, R. Smith
Assistant Professors: R. Bohler, P. Bourland-Davis, J. Erney, L. Fall, B. Fields, B. Graham, J. Harbour, D. Lamb, K. Murray, V. Rowden, K. Stoker, R. Stotyn, M. Whitaker, S. White, E. Wyatt
Temporary Instructors: C. Feldman, M. Len-Rios

The former Department of English and Philosophy is now the Department of Literature and Philosophy and the Department of Writing and Linguistics. Acting Chairs will be appointed for 1997-98.

Department of Literature and Philosophy

Literature
Professors: J. Humma, J. Nichols, F. Sanders
Associate Professors: D. Dudley, R. Flynn, P. Griffin, T. Lloyd, L. Paige, R. Quince (on leave), F. Richter, D. Robinson, C. Schille, D. Thomson, C. Town, T. Warchol
Assistant Professors: R. Costimiris, M. Cyr, V. Daigre, M. Fox, G. Kundu, T. Whelan
Philosophy
Associate Professor: B. Horan
Assistant Professors: P. Brown, J. Parcels, S. Weiss

Department of Writing and Linguistics

Professors: A. Goke-Pariola
Associate Professors: E. Agnew, L. Burton, M. McLaughlin, E. Nelson, D. Purvis
Assistant Professors: K. Albertson, E. Boliek, C. Crittenden, P. Dallas, D. Davis, O. Edenfield (on leave), K. Ferro, T. Giles, D. Golden, M. Hadley, E. Hendrix, D. Hooley, R. Keithley, K. McCullough, B. Nichols, M. Pate, P. Price, H. Pulley, M. Richardson, N. Saye, V. Spell, J. Spencer, T. Thompson, T. Welford (on leave), N. Wright
Temporary Assistant Professor: N. Swedan
Instructors: L. Bailey, G. Bess, Z. Burton, N. Dessommes, S. Divers (on leave), M. Franklin, B. Freeman, N. Hashmi, A. Hodge, M. Marwitz, L. Milner, M. Mills, L. VonBergen
Temporary Instructors: W. Banks, S. Brannen, B. Burkhalter, L. Cox, J. Klutz, P. Murphey, D. Padgett, J. Thomas, N. Sherrod, T. Whittle, D. Zimmerman
Part-time Instructors: N. LoBue, S. Smith, J. Steffen
Emerita/Emeritus - English and Philosophy
Professors: H. Cate, P. Gillis, L. Huff, P. Spurgeon, A. Whittle
Associate Professors: B. Bitter, P. LaCerva, D. Lanier, E. Little
Assistant Professors: G. Hicks, C. Hoff, A. Hooley, E. James, D. Jones, E. Mills, S. Rabitsch
Instructors: N. Huffman

Department of Foreign Languages

David Seaman, Chair
Professors: L. Bouma (Emeritus), Z. Farkas (Emeritus), C. Krug, J. Schomber, D. Seaman, N. Shumaker, J. Weatherford
Associate Professors: D. Alley, J. P. Carton, D. Richards
Assistant Professors: N. Barrett (Emerita), L. Borowsky (Emerita), R. Haney, J. Hecker, M. Hidalgo, C. Johnson, H. Kurz, M. Lynch (Emerita), D. Martínez-Conde, J. Suazo
Instructor: L. Collins, D. Osanai
Temporary Instructors: A. Cipria, G. Dimetry, E. Small
Part-Time Instructors: N. Eisenhart, M. Engbert, H. Hernandez, K. Holtcamp, K. Kiba, M. Smith

Department of History

Jerry Steffen, Chair

Professors: J. Buller, V. Egger, J. Fraser, H. Joiner, C. Moseley (Emeritus), G. Rogers (Emeritus), F. Saunders (Emeritus), G. Shriver, J. Smith (Emerita), J. Steffen, C. Thomas, D. Ward (Emeritus), A. Young

Associate Professors: R. Barrow (Emeritus), C. Ford (Emerita), D. Rakestraw, C. Roell, A. Sims, J. Woods

Assistant Professors: C. Briggs, J. Bryant, F. Brogdon, C. Crouch, A. Downs, A. Laing, G. Hickey, T. McMullen, S. Peacock, P. Rodell, S. Skidmore-Hess, J. Steinberg, T. Teeter, R. Thompson, R. Young

Visiting Instructor: C. Pascoe

Department of Music

Acting Chair: David Mathew

Professors: H. Arling, M. Braz, N. da Roza, J. Graham (Emeritus), D. Graves, D. Mathew, D. Pittman

Associate Professors: L. Cionitti, G. Harwood, S. McClain, J. Robbins, D. Wickiser (Emeritus)

Assistant Professors: C. Bryan, R. Caldwell, K. Hancock, T. Pearsall, W. Schmid

Instructors: M. Fallin

Part-Time Instructors: P. Barry, G. Caldwell, W. Cohen, J. David, M. Gross, S. Hancock, A. Handelman, R. Kho, C. Purdy, R. Renn, A. Schmid, M. Selman

Staff Accompanist: Staff

Department of Political Science

Lois Duke, Chair

Political Science

Professors: G. Cox, J. Daily, L. Duke, S. Hashmi, Z. Hashmi, J. Mann (Emerita), R. Pajari, L. Van Tassell

Associate Professors: M. Dantzker, R. Dick (Emeritus), G. Harrison, S. Ratan, D. Sabia, S. Tracy, G. Waters

Assistant Professors: R. Davis, F. Ferguson, C. Gossett, S. Jallow, K. McCurdy, P. Novotny, G. Okafor, B. Sharpe

Temporary Assistant Professors: G. Armstrong, B. Balleck, M. Levitt, R. Pirro

Part-Time Assistant Professor: F. Willis

Temporary Instructors: K. Cook, B. White, E. Iler

Justice Studies

Professor: G. Cox

Associate Professors: M. Dantzker, S. Tracy, G. Waters

Assistant Professors: R. Davis, F. Ferguson

Temporary Assistant Professor: G. Armstrong

Part-Time Assistant Professor: M. Classens

Department of Psychology

Richard Rogers, Chair

Professors: W. Jones (Emeritus), J. Kennedy, P. Kleinginna, M. Lloyd, G. McClure, G. Richards (Emeritus), R. Rogers, E. Smith

Associate Professors: W. McIntosh, J. Steirn, D. Webster

Assistant Professors: R. Dewey, J. Murray, M. Nielsen, J. Pugh, E. Sherwin, R. Terry, J. Wilson

Department of Sociology and Anthropology

Roger Branch, Chair

Anthropology

Professors: C. Black, R. Branch, R. Greenfield (Emeritus), H. Mobley (Emeritus), S. Moore, R. Persico

Associate Professors: A. Goke-Pariola, S. Hale, B. Hendry, N. Shumaker

Assistant Professor: W. Young

Sociology

Professors: C. Black, R. Branch, R. Greenfield (Emeritus), H. Mobley (Emeritus)

Associate Professors: H. Kaplan, T. Scott (Emeritus), W. Smith, J. Strickland

Assistant Professors: W. Blake-Steele, T. Gorman, P. Hargis, D. Hill, L. Pohlman, G. Pratt, J. Zhang

Temporary Instructor: C. Gorman

Programs: Undergraduate**Bachelor of Arts (B.A)**

General requirements:

- Fulfillment of the core curriculum (including area IV courses which are peculiar to the individual major) as well as 4 hours of physical education and 3 hours of health
- Completion of the fourth course (intermediate) of a foreign language
- A minimum of 30 hours in the major field with 20 in residence (only 45 hours of upper-division course work in the major may count toward the minimum of 190 hours for graduation)
- A minimum of 20 hours in a minor field. Second minors may be chosen, approved by the advisor before the student applies for graduation, and both minors may be listed on the transcript. Certain minors may be used only as second minors in the Bachelor of Arts Degree (see minors).
- A minimum 2.0 adjusted grade point average in upper-division hours in the major discipline
- A minimum of 190 hours for graduation

Departments may establish program admission criteria and additional grade requirements; these are listed along with the course requirements for each major.

The College of Liberal Arts and Social Sciences offers Bachelor of Arts Degrees in the following majors: anthropology, art, fine arts, communication arts, economics, economics (emphasis in international economics), English, French, German, history, music, philosophy, political science, psychology, sociology, Spanish, and theatre.

Minors

The first minor (20 hours of upper-division courses in a single field) for the B.A. Degree may be chosen from any field in which a Bachelor of Arts major is offered or from African and African American Studies, American Studies, comparative literature, computer science, geography, international studies, journalism, Latin American studies, library science, linguistics, philosophy, religious studies, and women's and gender studies.

The second minor may be from the list above or from a group of non-liberal arts minors identified as such in the list of minors. (Students completing degrees in the College of Liberal Arts and Social Sciences other than the B.A. may select any minor from this list as an optional minor.)

Bachelor of Fine Arts (B.F.A.)

General requirements:

- Fulfillment of the Core Curriculum (including area IV courses which are peculiar to the individual major) as well as 4 hours of physical education and 3 hours of health
- Completion of 23 hours of electives outside the art department
- Completion of a minimum of 30 hours from selected studio art courses
- Completion of 20 hours of approved art history courses
- Completion of 20 hours from a studio concentration
- A minimum of 190 hours for graduation.

The department may establish program admission criteria and additional grade requirements; these are listed along with the course requirements for each major.

Bachelor of Music (B.M.)

General requirements:

- Satisfactory entrance audition
- Completion of the core curriculum as well as 4 hours of physical education and three hours of health
- Completion of all requirements in music
- A minimum of 190 hours for graduation

The department may establish program admission criteria and additional grade requirements; these are listed along with the course requirements for each major.

The majors available in the Bachelor of Music degree are composition, music education, and performance. Optional programs of study for the performance major include elective studies in business or emphasis in jazz performance.

Bachelor of Science (B.S.)

General requirements:

- Completion of the core curriculum as well as 4 hours of physical education and three hours of health
- Completion of the third course (Elementary III) of a foreign language
- A minimum of 40 quarter hours of junior/senior courses in the major
- A minimum 2.0 adjusted grade point average in required upper-division hours in the major discipline
- No more than 60 hours of upper-division course work in the major may count toward the 190 minimum for graduation.

Departments may establish program admission criteria and additional grade requirements; these are listed along with the course requirements for each major.

The College of Liberal Arts and Social Sciences offers Bachelor of Science Degrees in the following majors: broadcasting, journalism, political science, psychology, public relations, sociology, and speech communication.

Bachelor of Science in Justice Studies (B.S.J.S.)

General requirements:

- Completion of the core curriculum as well as 4 hours of physical education and three hours of health
- Completion of 40 hours of upper-division courses from several disciplines
- Completion of a minimum of 35 hours of upper division justice studies courses
- A minimum 2.0 adjusted grade point average in all upper division requirements for graduation
- A minimum of 190 hours for graduation.

Programs: Pre-Professional**Pre-Law**

No specific major is required for law school entry. Admission to law school is determined by a student's grades, courses, letters of reference, life experiences, and score on the Law School Admissions Tests (LSAT). The three pre-law advisors with current information regarding law schools are Dr. Lynda Hamilton, Department of Accounting and Law; Professor Rebecca Davis, Department of Political Science, and Dr. Ruth Thompson, Department of History. Pre-law students should contact one of the pre-law advisors to assist them in planning a course of study that will enhance their ability to pursue a career in law.

Programs: Graduate

Master of Arts with the major in English, History, Political Science, Sociology

Master of Fine Arts

Master of Public Administration

Master of Science with the major in Psychology

Advisement for Liberal Arts and Social Science Majors**Undergraduates**

New fall freshman majors (except music majors) are advised in the Academic Advisement Center in the Williams Center until mid-spring quarter when they will be advised in their respective major departments. All music majors are advised in the Music Department. All other CLASS undergraduates are advised in their major departments. Before the first quarter of the junior year, students must plan a satisfactory major program with their major advisor.

Graduates

Graduate students are advised in their major departments.

Experiential Learning Opportunities

Internships typically involve one quarter of professional experience. Academic requirements and the award of academic credit vary by department. Cooperative education experiences are coordinated by the Office of Career Services. Students must have earned a 2.5 AGPA and have earned 30 quarter hours of credit to apply. See Cooperative Education for more information.

ART	B.A.	190 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
Choose 30 hrs from the following:		
ART 151 - Drawing I (5)		
ART 152 - Two-Dimensional Design (5)		
ART 250 - Painting I (5)		
ART 252 - Three-Dimensional Design (5)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health (3)		
KIN - Physical Activities (4)		
Specifically Required Courses		15 Hours
Choose 15 hrs from the following:		
ART 254 - Printmaking I (5)		
ART 255 - Ceramics I (5)		
ART 256 - Sculpture I (5) ART		
257 - Color Theory (5) ART		
258 - Photography I (5) ART		
280 - History of Art I (5) ART		
281 - History of Art II (5)		
Major Courses		30 Hours
Choose 30 hrs from the following:		
ART 350 - Painting II (5)	ART 454 - Advanced Printmaking (5)	
ART 351 - Life Drawing (5)	ART 455 - Advanced Ceramics (5)	
ART 352 - Lettering and Layout (5)	ART 456 - Advanced Sculpture (5)	
ART 354 - Printmaking II (5)	ART 458 - Advanced Photography (5)	
ART 355 - Ceramics II (5)	ART 480 - Seminar in Fine Arts (5)	
ART 356 - Sculpture II (5)	ART 481 - Contemporary Art (5)	
ART 358 - Photography II (5)	ART 482 - Art History Studies in Europe (5)	
ART 359 - Design of Environments (5)	ART/AAS 483 - African Art and Culture (5)	
ART 370 - Art for Children & Youth (5)	ART/AS/AAS 484 - African American Art (5)	
ART 371 - Art for Adolescents (5)	ART 490 - Problems in Drawing (1-15)	
ART 280 - Ancient Art (5)	ART 491 - Problems in Painting (1-15)	
ART 381 - Medieval Art (5)	ART 492 - Problems in Watercolor (1-15)	
ART 382 - Renaissance Art (5)	ART 493 - Problems in Design (1-15)	
ART 383 - Baroque and Rococo Art (5)	ART 495 - Advanced Printmaking (1-15)	
ART 384 - Nineteenth-Century Art (5)	ART 496 - Problems in Ceramics (1-15)	
ART 385 - Twentieth-Century Art (5)	ART 497 - Design Practicum (1-15)	
ART 386 - Art of Asia and the Far East (5)	ART 498 - Problems in Photography (1-15)	
ART/AS 387 - American Art (5)	ART 590 - Problems in Sculpture (1-15)	
ART 399 - Selected Topics in Art* (1-15)	ART 593 - Problems in Commercial Design (1-15)	
ART 450 - Advanced Painting (5)	ART 595 - Art History Research (1-15)	
ART 451 - Advanced Drawing (5)	ART 599 - Selected Topics in Art* (1-15)	
ART 452 - Commercial Design (5)		
All courses marked with an asterisk () may be repeated for up to 15 hrs		
Foreign Language		10 Hours
Electives		38 Hours
ADVISEMENT: Art Department, Foy Fine Arts Bldg, Room 3314, 681-5358		
PROGRAM ADMISSION CRITERIA: Open Admission		
OTHER PROGRAM REQUIREMENTS: Senior Exhibition.		

ART	B.F.A.	190 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
Choose 30 hrs from the following:		
ART 151 - Drawing I (5)		
ART 152 - Two-Dimensional Design (5)		
ART 250 - Painting I (5)		
ART 252 - Three-Dimensional Design (5)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health (5)		
KIN - Physical Activities (4)		
Specifically Required Courses		30 Hours
Choose 30 hrs from the following:		
ART 251 - Drawing II (5)		
ART 252 - Three-Dimensional Design (5)		
ART 254 - Printmaking I (5)		
ART 255 - Ceramics I (5)		
ART 256 - Sculpture I (5)		
ART 257 - Color Theory (5)		
ART 258 - Photography I (5)		
Major Courses		25 Hours
Choose 25 hrs from the following:		
ART 350 - Painting II (5)	ART 456 - Advanced Sculpture (5)	
ART 351 - Life Drawing (5)	ART 458 - Advanced Photography (5)	
ART 352 - Lettering and Layout (5)	ART 480 - Seminar in Fine Arts (5)	
ART 354 - Printmaking II (5)	ART 481 - Contemporary Art (5)	
ART 355 - Ceramics II (5)	ART 490 - Problems in Drawing (1-15)	
ART 356 - Sculpture II (5)	ART 491 - Problems in Painting (1-15)	
ART 358 - Photography II (5)	ART 492 - Problems in Watercolor (1-15)	
ART 359 - Design of Environments (5)	ART 493 - Problems in Design (1-15)	
ART 370 - Art for Children & Youth (5)	ART 495 - Advanced Printmaking (1-15)	
ART 371 - Art for Adolescents (5)	ART 496 - Problems in Ceramics (1-15)	
ART 399 - Selected Topics in Art*(1-15)	ART 497 - Design Practicum (1-15)	
ART 450 - Advanced Painting (5)	ART 498 - Problems in Photography (1-15)	
ART 451 - Advanced Drawing (5)	ART 590 - Problems in Sculpture (1-15)	
ART 452 - Commercial Design (5)	ART 593 - Problems in Commercial Design (1-15)	
ART 454 - Advanced Printmaking (5)	ART 599 - Selected Topics in Art (1-15)	
ART 455 - Advanced Ceramics (5)		
Art History		15 Hours
Choose 15 hrs from the following:		
ART 280 - History of Art I (5)	ART 385 - Twentieth-Century Art (5)	
ART 281 - History of Art II (5)	ART 386 - Art of Asia and the Far East (5)	
ART 380 - Ancient Art (5)	ART/AS 387 - American Art (5)	
ART 381 - Medieval Art (5)	ART 482 - Art History Studies in Europe (5)	
ART 382 - Renaissance Art (5)	ART/AAS 483 - African Art and Culture (5)	
ART 383 - Baroque and Rococo Art (5)	ART/AS/AAS 484 - African American Art (5)	
ART 384 - Nineteenth-Century Art (5)	ART 595 - Art History Research (1-15)	
Electives		23 Hours
ADVISEMENT: Art Department, Foy Fine Arts Bldg, Room 3314, 681-5358		
PROGRAM ADMISSION CRITERIA: Open Admission		
OTHER PROGRAM REQUIREMENTS: Senior Exhibition.		

ART EDUCATION	B.S.Ed.	192 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
FED 251 - Foundations of Education (5)		
FED 260 - Human Growth & Development (5)		
Art 151 - Drawing I (5)		
Art 152 - Two Dimensional Design (5)		
Art 252 - Three Dimensional Design (5)		
Lower Division Art Elective (5)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Activities(4)		
Specifically Required Courses		
Professional Education		35 Hours
FED 361 - Educational Psychology (5)		
EXC 450 - Identification & Education of Exceptional Students in Regular Classroom (5)		
EMS 391 - Curriculum and Methods in Art: P-12 (10)		
EMS 491 - Student Teaching (15)		
Major Courses		60 Hours
45 Hours of Specialized Art Courses from:		
ART 250 - Painting I (5)		
ART 254 - Printmaking I (5)		
ART 255 - Ceramics I (5)		
ART 256 - Sculpture I (5)		
ART 257 - Color Theory (5)		
ART 258 - Photography I (5)		
ART 350 - Painting II (5)		
ART 352 - Lettering and Layout (5)		
ART 354 - Printmaking II (5)		
ART 355 - Ceramics II (5)		
ART 356 - Sculpture II (5)		
ART 370 - Art for Children and Youth (5)		
ART 371 - Art for Adolescents (5)		
ART 450 - Painting (5)		
ART 452 - Commercial Design (5)		
ART 456 - Advanced Sculpture (5)		
ART 490 - Problems in Drawing (5)		
ART 496 - Problems in Ceramics (5)		
15 Hours from Art History:		
ART 280, 281, and an additional 5 hours of upper division Art History		
ADVISEMENT: Each student in Art Education is assigned to an advisor in the College of Education Advisement Center, 681-0698, for program planning and course scheduling. Students are also co-advised by a faculty mentor in the Art Department, 681-5358, for guidance in content area course selection and for professional involvement in the discipline.		
PROGRAM ADMISSION CRITERIA: See B.S.Ed. Degree Requirements, College of Education		
• Admission into the Teacher Education Program, which requires an adjusted GPA of 2.5 or better		
OTHER PROGRAM REQUIREMENTS:		
• A "C" or better on all courses in the teaching field and professional education		
• Courses should be taken in proper sequence		
• Must meet requirements for admission to Student Teaching, including a passing score on the Georgia teacher certification test (Praxis II)		

COMMUNICATION ARTS**B.A.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

CA 252 - Intro to Human Communication (Prereq: ENG 151) (5)

CA 250 - Intro to Mass Communication (Prereq: ENG 151) (5)

Choose 5 hours from the following:

CA 254 - Voice and Phonetics (5) or

CAJ 252 - Intro to Journalistic Writing (5) or

CAT 251 - Stagecraft (Prereq: ENG 151) (5)

Choose 5 hours from the following:

CAF 256 - Intro to the Cinema (5) or

CAT 257 - Intro to Theatre (5)

Choose 10 hours from the following:

Foreign Language - Through the second intermediate level (10)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN Physical Activities (4)

Specifically Required Courses 5 Hours

CAS 251 - Fundamentals of Public Speaking (5)

Major Courses 44 Hours**Choose 4 hours from the following:**

CAS 341 - Oral Interpretation (4)

CAS 348 - Rhetorical Criticism (4)

CAT 565 - Puppetry (4)

CAS 344 - Advanced Public Speaking (4)

CAB 347 - Radio Production (4)

CAB 444 - Television Production (4)

Choose 4 hours from the following:

CAP 340 - Introduction to Public Relations (4)

CAP 342 - Communications Programming for Public Relations (4)

CAJ 445 - Feature Writing (4)

CAB 447 - Radio and Television Scriptwriting (4)

CAJ 447 - Radio and Television Scriptwriting (4)

CAT 557 - Playwriting (4)

CAB 446 - Radio and Television News and Interviewing (4)

CAJ 446 - Radio and Television News and Interviewing (4)

CAJ 443 - Subjective Journalism (4)

CAJ 343 - Newsreporting and Writing (4)

Choose 4 hours from the following:

CAJ 346 - History of Journalism (4)

CAT 342 - Theatre History I: To the Elizabethans (4) CAT

343 - Theatre History II: Elizabethans-Modern (4) CAB

345 - Law and Ethics of Mass Communications (4) CAJ

345 - Law and Ethics of Mass Communications (4) CAS

449 - Philosophy in Communication (4)

CAF 352 History of American Cinema (4)

Choose 4 hours from the following:

CA 440 - Theories of Mass Communication (4)

CAS 444 - Communication Theory (4)

CAS 443 - Semantics (4)

CAS 442 - Theories of Small Group Communications (4)

Choose 4 hours from the following:

CAP 445 - Public Relations Research (4)

CAS 348 - Rhetorical Criticism (4)

CAT 341 - Script Analysis (4)

CA 349 - Media Criticism (4)

CAB 369 - Politics and the Media (4)

Minor - Required. Minors in Business and Finance are not acceptable 20 Hours**General Electives 24 Hours**

Choose 24 hours from upper division departmental courses

ADVISEMENT: Department of Communication Arts, Communication Arts Bldg, 681-5138**PROGRAM ADMISSION CRITERIA:**

- Students must have an adjusted grade point average of 2.35 and 45 earned hours to become a major in any of the Communication Arts programs.
- Students with fewer than 45 hours and/or less than a 2.35 adjusted grade point average will be considered “pre-communication arts” majors.

OTHER PROGRAM REQUIREMENTS:

- Students must make a “C” or better in each Communication Arts class to receive credit for that course.
- “Pre-Communication Arts” majors cannot take upper-division Communication Arts classes for credit.
- Students must have a 2.35 adjusted grade point average to apply for Communication Arts internship courses.

BROADCASTING**B.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Areas III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours

Choose 25 hours from the following:

- CA 252 - Intro to Human Communication (Prereq: ENG 151) (5)
- CA 254 - Voice & Phonetics (5)
- CA 250 - Intro to Mass Communication (Prereq: ENG 151) (5)
- CAJ 252 - Intro to Journalistic Writing (5)
- CAF 256 - Intro to Cinema or
- ART 258 - Photography I or
- CAT 257 - Intro to Theatre (5)

Choose 5 hours from the following:

- Foreign Language - Through the third introductory level (5)

Health and Physical Activities	7 Hours
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- HTH 131 - Personal Health Promotion (3)
- KIN Physical Activities (4)

Major Courses	58 Hours
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- CA 440 - Theories of Mass Communication (4) or
- CAS 444 - Communication Theory (4)
- CAB 340 - Telecommunication (4)
- MKT 351 - Advertising (4)
- CAB 446 - Radio & Television News & Interviewing (4)
- Upper division departmental elective (3)
- CAB 347 - Radio Production (4)
- CAB 444 Television Production (4)
- CAB Elective (4)
- CAB/CAJ 447 - Radio & Television Script Writing (4)
- CAB/CAJ 345 - Law & Ethics of Mass Communication (4)
- CAB 448 - Advanced Radio Production (4) or
- CAB 445 - Advanced Television Production (4)

The following courses are also required and must be taken together in the same quarter:

- CAB 493 - Internship I (5)
- CAB 494 - Internship II (5)
- CAB 495 - Internship III (5)

Related Area Electives	10 Hours
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Must be 300 or above Psychology, Sociology, Political Science, Business, Education or Communication Arts (other than CAB)

General Electives	25 Hours
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Minor - Not required

ADVISEMENT: Department of Communication Arts, Communication Arts Bldg, 681-5138

PROGRAM ADMISSION CRITERIA:

- Students must have an adjusted grade point average of 2.35 and 45 earned hours to become a major in any of the Communication Arts programs.
- Students with fewer than 45 hours and/or less than a 2.35 adjusted grade point average will be considered “pre-communication arts” majors.

OTHER PROGRAM REQUIREMENTS:

- Students must make a “C” or better in each Communication Arts class to receive credit for that course.
- “Pre-Communication Arts” majors cannot take upper-division Communication Arts classes for credit.
- Students must have a 2.35 adjusted grade point average to apply for Communication Arts internship courses.

JOURNALISM**B.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Areas III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours

Choose 25 hrs from the following:

- CAJ 252 - Intro to Journalistic Writing (5)
- CA 250 - Intro to Mass Communication (5)
- CA 252 - Intro to Human Communication (5)
- HIS 152 - Development of Civilization to 1650 (5) or
- HIS 153 - Development of Civilization Since 1650 (5)
- HIS 252 - The United States to 1877 (5) or
- HIS 253 - The United States Since 1877 (5)

Choose 5 hours from the following:

- Foreign Language -Through the third introductory level (5)

Health and Physical Activities	7 Hours
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- HTH 131 - Personal Health Promotion (3)
- KIN Physical Activities (4)

Specifically Required Courses	2 Hours
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- ENG 120 - Grammar and Punctuation Review (2)

Major Courses	45 Hours
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- CAJ 343 - News Reporting and Writing (4)
- CAJ 344 - Copy Editing (4)
- CAJ 345 - Law & Ethics of Mass Communication (4)
- CAJ 346 - History of Journalism (4)
- CAJ 442 - Advanced Reporting (4)
- CAJ 445 - Feature Writing (4)

Choose 21 hours from the following:

- PSC 350 - State and Local Government (5)
- Any Upper division (300 and above) CAJ course (4)
- Any Upper division CAJ course (4)
- Any Upper division CAJ course (4)
- Any Upper division Communication Arts course (4)

Upper Division Related Areas	20 Hours
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- One Upper division (300 and above) course in College of Liberal Arts and Social Sciences (other than CAJ) (5)
- Second course in same discipline (5)
- One course in another discipline in College of Liberal Arts and Social Sciences (other than CAJ) (5)
- Second course in same discipline (5)

General Electives	26 Hours
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Minor - Not required**ADVISEMENT:** Department of Communication Arts, Communication Arts Bldg, 681-5138**PROGRAM ADMISSION CRITERIA:**

- Students must have an adjusted grade point average of 2.35 and 45 earned hours to become a major in any of the Communication Arts programs.
- Students with fewer than 45 hours and/or less than a 2.35 adjusted- grade point average will be considered “pre-communication arts” majors.

OTHER PROGRAM REQUIREMENTS:

- Students must make a “C” or better in each Communication Arts class to receive credit for that course.
- “Pre-Communication Arts” majors cannot take upper-division Communication Arts classes for credit.
- Students must have a 2.35 adjusted grade point average to apply for Communication Arts internship courses.

PUBLIC RELATIONS**B.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts** 20 Hours**Area II - Mathematics and Natural Sciences** 20 Hours**Areas III - Social Science** 20 Hours**Area IV - Courses Appropriate to the Major** 30 Hours**Choose 25 hours from the following:**

CAS 251 - Fundamentals of Public Speaking (Prereq: ENG 151) (5)

CA 252 - Intro to Human Communication (Prereq: ENG 151) (5)

CA 250 - Intro to Mass Communication (Prereq: ENG 151) (5)

CAJ 252 - Intro to Journalistic Writing (5)

PM 250 - Graphics Arts I (5) or

ART 258 - Photography I or

CIS 251 - Intro to Computer Information Systems (5)

Choose 5 hours from the following:

Foreign Language - Through the third introductory level (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN Physical Activities (4)

Specifically Required Courses 10 Hours

MKT 350 - Principles of Marketing (5)

MKT 351 - Principles of Advertising (5)

Major Courses 52 Hours

CAP 340 - Introduction to Public Relations (4)

CAP 342 - Public Relations Communications Programming (4)

CAP 445 - Public Opinion & Research (4)

CAP 440 - Public Relations Campaign Strategies (4)

Choose 9 hours from the following:

CAP 311-2-3; CAP 411-2-3 - Public Relations Practicum (1)

CAJ 343 - News Reporting and Writing (4)

CAB 347 - Radio Production (4) or

CAB 444 - Television Production (4)

Choose 12 hours from the following:

CAS 342/345 - Group Discussion/Persuasion (4)

CA 440 - Mass Communication Theory (4)

CAS 443 - Semantics (4)

CAS 448 - Organizational Communication (4)

CAS 444 - Communication Theory (4)

The following courses are also required and must be taken together in the same quarter:

CAP 493 - Public Relations Internship I (5)

CAP 494 - Public Relations Internship II (5)

CAP 495 - Public Relations Internship III (5)

Upper Division Departmental Electives 8 Hours**General Electives** 23 Hours**Minor** - Not Required**ADVISEMENT:** Department of Communication Arts, Communication Arts Bldg, 681-5138**PROGRAM ADMISSION CRITERIA:**

- Students must have an adjusted grade point average of 2.35 and 45 earned hours to become a major in any of the Communication Arts programs.
- Students with fewer than 45 hours and/or less than a 2.35 adjusted grade point average will be considered “pre-communication arts” majors.

OTHER PROGRAM REQUIREMENTS:

- Students must make a “C” or better in each Communication Arts class to receive credit for that course.
- “Pre-Communication Arts” majors cannot take upper-division Communication Arts classes for credit.
- Students must have a 2.35 adjusted grade point average to apply for Communication Arts internship courses.

SPEECH COMMUNICATION	B.S.	190 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Areas III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
Choose 25 hours from the following:		
CAS 251 - Fundamental of Public Speaking (Prereq: ENG 151) (5)		
CA 252 - Intro to Human Communication (Prereq: ENG 151) (5)		
CA 250 Intro to Mass Communication (Prereq: ENG 151) (5)		
CA 254 - Voice & Phonetics (5)		
CAF 256 - Introduction to Cinema (5) or		
CAT 257 - Intro to Theatre (5)		
Choose 5 from the following:		
Foreign Language - Through the third introductory level (5)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN Physical Activities (4)		
Major Courses		51 Hours
CAS 341 - Oral Interpretation (4)		
CAS 342 - Discussion (4)		
CAS 346 - Interpersonal Communication (4)		
CAS 348 - Rhetorical Criticism (4)		
CAS 443 - Semantics (4)		
CAS 444 - Communication Theory (4)		
Choose 12 hours from the following:		
CAS 323 - Parliamentary Procedure (4)		
CAS 343 - Argumentation (4)		
CAS 344 - Advanced Public Speaking (4)		
CAS 345 - Persuasion (4)		
CAS 349 - Communication Gender (4)		
CAS 399 - Selected Topics in Speech (1-5)		
CAS 438 - Readers Theatre (4)		
CAS 441 - Communication and Conflict (4)		
CAS 442 - Small Group (4)		
CAS 445 - Political Communication (4)		
CAS 447 - Rhetoric of Social Movements (4)		
CAS 448 - Organization Communication (4)		
CAS 449/649 - Philosophies of Communication (4)		
CAS 491 - Individual Problems (1-5)		
CAS 551/741 - Description of Linguistics (5)		
CAS 599 - Selected Topics in Speech Theatre (4)		
CAS 414 - Practicum (1-5)		
The following courses are also required and must be taken together in the same quarter:		
CAS 493 - Internship I (5)		
CAS 494 - Internship II (5)		
CAS 495 - Internship III (5)		
Upper Division 300 or above Departmental Electives (other than CAS courses)		16 Hours
General Electives		26 Hours
Minor - Not required		

ADVICE: Department of Communication Arts, Communication Arts Bldg, 681-5138

PROGRAM ADMISSION CRITERIA:

- Students must have an adjusted grade point average of 2.35 and 45 earned hours to become a major in any of the Communication Arts programs.
- Students with fewer than 45 hours and/or less than a 2.35 adjusted grade point average will be considered “pre-communication arts” majors.

OTHER PROGRAM REQUIREMENTS:

- Students must make a “C” or better in each Communication Arts class to receive credit for that course.
- “Pre-Communication Arts” majors cannot take upper-division Communication Arts classes for credit.
- Students must have a 2.35 adjusted grade point average to apply for Communication Arts internship courses.

THEATRE**B.A.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Areas III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

CAT 257 - Introduction to Theatre (5)

CAT 251 - Stagecraft (5)

CA 254 - Voice and Phonetics (5)

Choose 5 hours from the following:

CA 252 - Introduction to Human Communication (Prereq: ENG 151) (5) or

CA 250 - Introduction to Mass Communication (Prereq: ENG 151) (5)

Choose 10 hours from the following:

Foreign Language - Through the second intermediate level (10)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN Physical Activities (4)

Major Courses 44 Hours

(Defined by the Regents as courses numbered 300 and above. 30 hrs. min., 45 hrs max. for B.A., 60 hrs max for B.S.)

Choose 29 hours from the following:

CAT 255 - Acting I (5)

CAT 341 - Script Analysis (4)

CAT 346 - Play Directing (4)

CAT 344 - Theatre History I (4)

CAT 345 - Theatre History II (4)

CAT 443 - Costume Design (4) or

CAT 442 - Scene Design (4) or

CAT 444 - Drama in Performance (4)

CAT 410 - Theatre Practicum or

CAT 411 - Theatre Practicum or

CAT 412 - Theatre Practicum or

CAT 413 - Theatre Practicum (4)

Choose 15 hours from the following theatre electives:

CAT 340 - Acting II (4)

CAT 341 - Script Analysis (4) or

CAT 345 - Styles/Scene Study (4)

CAT 121 - Make-up (2)

CAT 334 - Scenic Painting (3)

CAT 491 - Individual Problems (1-5)

CAT 443 - Costume Design (4)

CAT 340 - Theatre Management

CAT 442 - Scene Design (4)

CAT 441 - Lighting for the Stage (4)

CAT 356 - African American Theatre (5)

CAT 319 - Voice for the Theatre (1-5)

CAT 358 - Creative Dramatics (5)

CAT 565 - Puppetry (5)

CAT 557 - Playwriting (5)

Departmental Electives 15 Hours**Choose 15 hours of courses from the following departmental electives:**

CAS 341 - Oral Interpretation (4)

CAS 440 - Performance Studies (4)

CAF 256 - Introduction to Cinema (5)

CAF 350 - Art of the Film (5)

CAB 426 - Dramatic Video (5)

CAS 444 - Communication Theory (4)

CAP 340 - Introduction to Public Relations (4)

CAB 444 - Television Production (4)

Minor 20 Hours

ENG 4461 - Drama to Ibsen (4)

ENG 4411 - Shakespeare: Tragedies (4)

ENG 4410 - Shakespeare: Comedies (4)

ENG 5403 - Modern Drama (4)

ENG/CAT 444 - drama in Performance (4)

Minors in Business and Finance are not acceptable

General Electives 14 Hours**ADVISEMENT:** Department of Communication Arts, Communication Arts Bldg, 681-5138**PROGRAM ADMISSION CRITERIA:**

- Students must have an adjusted grade point average of 2.35 and 45 earned hours to become a major in any of the Communication Arts programs.
- Students with fewer than 45 hours and/or less than a 2.35 adjusted grade point average will be considered "pre-communication arts" majors.

OTHER PROGRAM REQUIREMENTS:

- Students must make a "C" or better in each Communication Arts class to receive credit for that course.
- "Pre-Communication Arts" majors cannot take upper-division Communication Arts classes for credit.
- Students must have a 2.35 adjusted grade point average to apply for Communication Arts internship courses.

ENGLISH**B.A.****197 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours

Choose 30 hrs from the following:

- ART 160 - Art in Life (5)
- ENG 251, 252, 253 - Human Image in Lit. of Western World (5)
- HIS 252, 253 - U.S. History I or II (5)
- MUS 152 - Intro to Music (5)
- PHI 150 - Survey of Philosophy (5)
- PSY 150 - Intro to Psychology (5)
- CAS 251 - Fund. of Public Speaking (Prereq: ENG 151) (5)
- CA 252 - Intro to Human Communication (Prereq: ENG 151) (5)
- CAJ 252 - Intro to Journalistic Writing (Prereq: ENG 151) (5)

Health and Physical Activities **7 Hours**

- HTH 131 - Personal Health Promotion (3)
- KIN - Physical Activities (4)

Specifically Required Courses **26 Hours**

- ENG 251, 252, 253 - Human Image in Lit. of Western World (10)
- ENG 3451 & 3452 - English Literature (8)
- ENG 3461 or 3462 - American Literature (4)
- ENG 4431 - Senior Seminar (4) (Taken in one of the two qtrs immediately preceding graduation; not offered summers)

Major Courses **44 Hours**

*Choose 44 hrs of courses from the following list after you have taken ENG 151, 152, and either 251, 252, or 253:

- ENG 330 - Teaching Writing (3)
- ENG/CLT - 385 Intro to Comparative Literature (5)
- ENG 399 - Selected Topics in English
- ENG/CAF 3400 - Themes and Pattern in Literature and Film (4)
- ENG 3420 - Creative Writing: Poetry and Fiction (4)
- ENG/AS 3450 - The American Dream (4)
- ENG 3451 - English Literature: Beowulf to Romantic Movement (4)
- ENG 3452 - English Literature: Romantic Movement to Modern (4)
- ENG/AS 3461 - American Literature to 1865 (4)
- ENG/AS 3462 - American Literature since 1865 (4)
- ENG/AAS 3463 - African-American Literature (4)
- ENG 3470 - Business and the Professions in Literature (4)
- ENG 3473 - Writing in the Workplace (4)
- ENG 430 - Research Projects in English (3)
- ENG/CAT 444 - Drama in Performance (4)
- ENG/CLT 485 - Seminar in Comparative Literature (5)
- ENG 4400 - Children's Literature (4)
- ENG 4410 - Shakespeare: The Major Comedies and Histories (4)
- ENG 4411 - Shakespeare: The Tragedies (4)
- ENG 4421 Poetry Writing (4)
- ENG 4422 - Fiction Writing (4)
- ENG 4430 Literary Criticism (4)
- ENG 4431 - Senior Seminar (4)
- ENG 4451 - Chaucer (4)
- ENG 4452 - History of the English Language (4)
- ENG 4453 - Advanced Composition (4)
- ENG 4460 - The English Romantic Poets (4)
- ENG 4461 - Drama to Ibsen (4)

(Continued on next page)

ENGLISH**(Continued)**

- ENG 4470 - Poetry and Prose of the English Renaissance (4)
- ENG 4480 - Commonwealth Literature (4)
- ENG 599 - Selected Topics in English
- ENG 5401 - Milton and Donne (4)
- ENG 5402 - English Neo-Classical Literature (4)
- ENG 5403 - Modern Drama (4)
- ENG 5404 - Modern British Fiction (4)
- ENG/RS 5405 - The Bible as Literature (4)
- ENG/AAS 5410 - Images in African-American Literature (4)
- ENG/WGS 5420 Literature by Women (4)
- ENG 5430 - Spirit of Place in British Literature (4)
- ENG 5431 - Modern Poetry to 1945 (4)
- ENG 5432 - Contemporary British and American Poetry, 1946 to the Present (4)
- ENG 5440 - Twentieth-Century Irish Literature (4)
- ENG 5450 - English Drama to 1642, Excluding Shakespeare (4)
- ENG 5451 - English Drama from the Restoration to Shaw (4)
- ENG 5452 - The English Novel (4)
- ENG 5460 - English Medieval Literature Excluding Chaucer (4)
- ENG/AS 5461 - The American Novel (4)
- ENG/AS 5462 - Southern Literature (4)
- ENG/AS 5463 - Colonial American Literature (4)
- ENG 5470 - Contemporary World Fiction (4)
- ENG 5471 - Modern English Grammar (4)
- ENG/ANT/CA 5472 - Sociolinguistics (4)
- ENG 5475 - Victorian Prose and Poetry (4)
- ENG 5480 - Literature for Adolescents (4)
- ENG 5481 - Theory of Composition (4)

*Do not take more than two courses within any major literary period, including Old and Middle English, the Renaissance, Restoration and 18th Century, 19th Century American Literature, 19th Century British Literature, 20th Century Literature. ENG 399 or ENG 599 - Selected Topics in English may be counted only once.

Foreign Language - Four courses or Intermediate level 10-20 Hours
Minor - Required. Must be approved by advisor 20 Hours

ADVISEMENT: Department of Literature and Philosophy, Department of Writing and Linguistics, Newton Bldg, 681-5471

PROGRAM ADMISSION CRITERIA:

- Must have a “C” or better in the required courses in freshman and sophomore English before enrolling in upper-level English courses
- Majors must acquire from their advisors a copy of “Requirements for the Major in English.”

OTHER PROGRAM REQUIREMENTS:

- Must have a “C” or better in every course in the English major of 44 quarter hours upper-division English
- Minimum 2.0 adjusted GPA in required upper-division courses in the major discipline
- A student who must repeat the same upper-division English course more than twice to receive a “C” or better will no longer be considered an English major.
- No course taken by correspondence or extension may be applied toward a major in English.

PHILOSOPHY**B.A.****197 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours****Health and Physical Activities 7 Hours**

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses 25 Hours

PHI 150 - Survey of Philosophy (5)

PHI 350 Elementary Logic or PHI 355 Symbolic Logic (5)

PHI 352 Great Moral Philosophers or PHI 354 Aesthetics or PHI 356 Contemporary Moral Problems (5)

PHI 450 - Great Thinkers of the West I (5)

PHI 451 - Great Thinkers of the West II (5)

Major Courses 45 Hours**Choose 45 hrs of courses from the following list:**

PHI 350 - Logic (5)

PHI/ECO 351 - History of Economic Thought (5)

PHI/RS 352 - Great Moral Philosophers (5)

PHI 354 - Aesthetics (5)

PHI 355 - Deductive Logic (5)

PHI 356 - Contemporary Moral Problems (5)

PHI/PSC 365 - Ancient and Medieval Political Thought (5)

PHI/PSC 366 - Modern Political Thought (5)

PHI/RS 370 - World Religions (5)

PHI/AS 375 - American Philosophy (5)

PHI 380 - Existentialism (5)

PHI 385 - Philosophy of Mind (5)

PHI/WGS 390 - Feminist Philosophy (5)

PHI 399 - Selected Topics in Philosophy (5)

PHI 450 - Great Thinkers of The West I: Socrates through St. Augustine (5)

PHI 451 - Great Thinkers of the West II: Descartes through Kant (5)

PHI 452 - Twentieth-Century Ethical Theory (5)

PHI 458 - Philosophers of the Nineteenth-Century: The Romantic Revolt (5)

PHI 478 - Contemporary Philosophy (5)

PHI 480 - Metaphysics (5)

PHI 482 - Theory of Knowledge (5)

PHI/RS 553 - Philosophy of Religion (5)

PHI/PSY 562 - History and Systems of Psychology (5)

PHI 599 - Selected Topics in Philosophy (5)

Foreign Language - Four courses or Intermediate level 10-20 Hours**Minor - Required. Must be approved by advisor 20 Hours****ADVISEMENT:** Department of Literature and Philosophy, Newton Bldg, 681-5471**PROGRAM ADMISSION CRITERIA:**

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

OTHER PROGRAM REQUIREMENTS:

- Must have a "C" or better in each of the required courses in Philosophy upper-division
- A student who must repeat the same upper-division Philosophy course more than twice to receive a "C" or better will no longer be considered a Philosophy major.
- No course taken by correspondence or extension may be applied toward a major in Philosophy.

FOREIGN LANGUAGES: FRENCH B.A. 190 HOURS

See page 25 for Core Curriculum, Areas I-III, required of all students.

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
French 151, 152, 153, 252	0-20 Hours

Choose 10 to 30 hours from the following:

ARA 151, 152, 153, 252 - Arabic;
 GER 151, 152, 153, 252 - German;
 JPN 151, 152, 153, 252 - Japanese;
 LAT 151, 152, 153, 252 - Latin;
 RUS 151, 152, 153, 252 - Russian;
 SPA 151, 152, 153, 252 - Spanish;
 YOR 151, 152, 153 - Yoruba

Choose 10 to 30 hours from the following:

ANT 150; ART 160, 250, 251, 260; CAJ 252; CAS 251;
 MUS 152; PHI 150; PSY 150; SOC 150

Health and Physical Activities **7 Hours**

HTH 131- Personal Health Promotion (3)
 KIN - Physical Education Activity (4)

Major Courses **35 Hours**

Thirty-five hours of French from upper-division offerings, at least ten of which must be at the 400 level.

Choose 35 hours from the following:

FRE 350 - Conversational French (5)
 FRE 353 - French Civilization (5)
 FRE 354 - French Short Stories (5)
 FRE/ AAS 355 - Non-European Francophone Literature (5)
 FRE 357 - Introduction to Commercial French (5)
 FRE 399 - Selected Topics in French (5)
 FRE 450 - Advanced French Composition and Grammar (5)
 FRE 452 - French Phonetics (5)
 FRE 453 - Contemporary France (5)
 FRE 454 - French Poetry (5)
 FRE 455 - The French Novel (5)
 FRE 456 - French Baroque and Classical Theatre (5)
 FRE 457 - Twentieth-Century French Theatre (5)
 FRE 458 - Survey of French Literature I (5)
 FRE 459 - Survey of French Literature II (5)
 FRE 499 - Directed Study in French (1-5)
 FRE 491 - Internship in France (5)
 FRE 599 - Selected Topics in French (5)

Minor **20 Hours**

Free Electives **38-58 Hours**

ADVISEMENT: Department of Foreign Languages, Forest Drive Bldg, room 1302, 681-5281

PROGRAM ADMISSION CRITERIA: None

PROGRAM REQUIREMENTS:

- A maximum of ten hours of study abroad may count toward the major.
- A grade of "C" or above must be made in every French course in the major.

FOREIGN LANGUAGES: GERMAN B.A. 190 HOURS

See page 25 for Core Curriculum, Areas I-III, required of all students.

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
German 151, 152, 153, 252	0-20 Hours

Choose 10 to 30 hours from the following:

ARA 151, 152, 153, 252 - Arabic;
 FRE 151, 152, 153, 252 - French;
 JPN 151, 152, 153, 252 - Japanese;
 LAT 151, 152, 153, 252 - Latin;
 RUS 151, 152, 153, 252 - Russian;
 SPA 151, 152, 153, 252 - Spanish;
 YOR 151, 152, 153 - Yoruba

Choose 10 to 30 hours from the following:

ANT 150; ART 160, 250, 251, 260; CAJ 252; CAS 251;
 MUS 152; PHI 150; PSY 150; SOC 150

Health and Physical Activities **7 Hours**

HTH 131- Personal Health Promotion (3)
 KIN - Physical Education Activity (4)

Major Courses **35 Hours**

Thirty-five hours of German from upper-division offerings, at least ten of which must be at the 400 level.

Choose 35 hours from the following:

GER - 320 Phonetics (2)
 GER - 330 Intro to German Literature (3)
 GER - 350 Conversation & Comp (5)
 GER - 351 Writing in German (5)
 GER - 353 Germany Today (5)
 GER - 355 Texts and Media in German (5)
 GER - 361 Advanced Grammar (5)
 GER - 362 Writing in German (5)
 GER - 399 Selected Topics in German (5)
 GER - 451 German Heritage (5)
 GER - 452 Business German (5)
 GER - 460 Survey of German Literature (5)
 GER - 463 Goethe/Schiller
 GER - 465 Prose Works (5)
 GER - 466 The German Drama (5)
 GER - 467 Contemporary German Literature (5)
 GER - 491 Internship in Germany (5)
 GER - 499 Directed Study in German (1-5)
 GER - 592 Seminar in German: Great Authors (5)
 GER - 599 Selected Topics in German (5)

Minor **20 Hours****Free Electives** **38-58 Hours**

ADVISEMENT: Department of Foreign Languages, Forest Drive Bldg, room 1302, 681-5281

PROGRAM ADMISSION CRITERIA: None

PROGRAM REQUIREMENTS:

- A grade of "C" or above must be made in every German course in the major.

FOREIGN LANGUAGES: SPANISH**B.A.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
Spanish	0-20 Hours

Choose 10 to 30 hours from the following:

ARA 151, 152, 153, 252 - Arabic;
 FRE 151, 152, 153, 252 - French;
 GER 151, 152, 153, 252 - German;
 JPN 151, 152, 153, 252 - Japanese;
 LAT 151, 152, 153, 252 - Latin;
 RUS 151, 152, 153, 252 - Russian;
 YOR 151, 152, 153 - Yoruba

Choose 10 to 30 hours from the following:

ANT 150; ART 160, 250, 251, 260; CAJ 252; CAS 251;
 MUS 152; PHI 150; PSY 150; SOC 150

Health and Physical Activities	7 Hours
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HTH 131- Personal Health Promotion (3)
 KIN - Physical Education Activity (4)

Major Courses	35 Hours
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Thirty-five hours of Spanish from upper-division offerings, at least ten of which must be at the 400 level.

Choose 35 hours from the following:

SPA 350 - Spanish Conversation (5)
 SPA 351 - Spanish Grammar and Composition (5)
 SPA 352 - Approach to Hispanic Literature (5)
 SPA 353 - Studies in Hispanic Media (5)
 SPA 354 - Spanish Civilization (5)
 SPA/LAS 355 - Latin American Civilization (5)
 SPA 399 - Selected Topics in Spanish (5)
 SPA 450 - Spanish Phonetics and Advanced Composition (5)
 SPA 451 - Commercial Spanish (5)
 SPA 453 - Epics and Ballads (5)
 SPA 457 - Literature of Hispanic Nationalism (5)
 SPA 458 - Afro-Hispanic Literature (5)
 SPA 460 - Latin American Culture Through Film (5)
 SPA 461 - Contemporary Hispano-American Culture (5)
 SPA 462 - Contemporary Spain (5)
 SPA 464 - Literature of Honor and Faith (5)
 SPA 465 - Literature of Transition and Decay (5)
 SPA 466 - Twentieth-Century Spanish Literature (5)
 SPA 467 - Cervantes (5)
 SPA 468 - Contemporary Hispanic Women Writers (5)
 SPA 469 - Latin American "Boom" Literature (5)
 SPA 491 - Internship in Spain and Latin America (5)
 SPA 499 - Directed Study in Spanish (1-5)
 SPA 599 - Selected Topics in Spanish (5)

Minor	20 Hours
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Free Electives	38-58 Hours
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ADVISEMENT: Department of Foreign Languages, Forest Drive Bldg, room 1302, 681-5281

PROGRAM REQUIREMENTS:

- A grade of "C" or above must be made in every Spanish course in the major.

HISTORY**B.A.****190 HOURS**

See page 25 for Core Curriculum, Areas I-III, required of all students.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to the Major 30 Hours

HIS 152 or 153 - Development of Civilization (5)

HIS 252 or 253 - U.S. History (5)

ECO 250, 251 or 260 - Principles of Economics I & II, Basic Economics (5)

PSY 150 - Intro to Psychology (5)

GGY 250 - World Regional Geography (5)

ANT 150 - Intro to Anthropology (5)

SOC 150 - Intro to Sociology (5)

Foreign Language - Four courses or Intermediate level 10-20 Hours

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Major Courses 35 Hours

HIS 350 - Introduction to History (5)

Choose 30 Hours from the following courses.

At least fifteen of the thirty hours must include one course from each of the following three categories:

(1) U.S. History (2) European History (3) "Non-western" [African, Asian, Latin American, or Russian History]

A grade of "C" or above must be made in every history course in the major.

HIS 351 - Women in American History (5)

HIS 352 - African American History to 1877 (5)

HIS 353 - African American History Since 1877 (5)

HIS 355 - Modern Japan (5)

HIS 357 - History of Greece (5)

HIS 358 - History of Rome (5)

HIS 359 - The Renaissance (5)

HIS 360 - Global Economic Trends of the Modern Era (5)

HIS 361 - History of England to 1688 (5)

HIS 362 - History of England, 1688 to the Present (5)

HIS 365 - Europe Since 1914 (5)

HIS 366 - Germany: 1648 to the Present (5)

HIS 367 - Modern China (5)

HIS 368 - Diplomatic History: 1870 to the Present (5)

HIS 369 - World War I (5)

HIS 370 - American Military History (5)

HIS 371 - Latin America: The Colonial Period (5)

HIS 372 - Modern Southeast Asia (5)

HIS 373 - Mexico and the Caribbean (5)

HIS 374 - A.B.C. Powers (5)

HIS 375 - Islamic Civilization (5)

HIS 377 - Russia to 1917 (5)

HIS 380 - American Society and Thought (5)

HIS 381 - Intro to the History of Religion in the US (5)

HIS 382 - The Middle Ages (5)

HIS 384 - Heresy & Dissent in Western Religious Hist (5)

HIS 385 - History of Sub-Saharan Africa I (5)

HIS 386 - History of Sub-Saharan Africa II (5)

HIS 387 - Women in Modern European History (5)

HIS 388 - American Indian History (5)

HIS 389 - 19th-Century Europe (5)

HIS 450 - Georgia History (5)

HIS 451 - The Age of the Reformation (5)

HIS 452 - The Civil War and Reconstruction (5)

HIS 453 - The Age of Reform: Populism,
Progressivism and the New Deal (5)

HIS 455 - The Young Republic, 1788-1848 (5)

HIS 457 - The Eastern Frontier: 1607 to the Indian
Removals (5)

HIS 458 - The New South (5)

HIS 459 - American Biography (5)

HIS 460 - The American West (5)

HIS 461 - History of the Soviet Union (5)

HIS 462 - American Economic History (5)

HIS 463 - Diplomatic History of the United States (5)

HIS 464 - Imperialism and Decolonization, 1875-Present (5)

HIS 465 - The Birth of the Republic (5)

HIS 467 - Major Themes in Western Religious Hist (5)

HIS 468 - Rise of America to World Power, 1775-1900 (5)

HIS 469 - World War II (5)

HIS 471 - America as a World Power Since 1900 (5)

HIS 472 - War and Society, 1618 to the Present (5)

HIS 476 - Recent America: United States Since 1945 (5)

HIS 477 - History of African Nationalism (5)

HIS 478 - Modern Spain and Portugal (5)

HIS 479 - Reading for Honors in History (5)

HIS 480 - History of the Antebellum South (5)

HIS 481 - Constitutional History of the United States (5)

HIS 482 - From Louis XIV to Napoleon, 1660-1815 (5)

HIS 483 - From Empire to Republic, 1815-1914 (5)

HIS 484 - Twentieth-Century France, 1914 to Present (5)

HIS 486 - Modern Britain (5)

HIS 489 - The Modern Middle East (5)

HIS 496 - Topics in Business History (5)

HIS 585 - The Age of Chivalry: Europe, 1100-1300 (5)

Minor - Required. Must be approved by advisor 20 Hours

ADVISEMENT: Department of History faculty, Forest Drive Bldg, 681-5586.

OTHER PROGRAM REQUIREMENTS:

- Must have a grade of "C" or above in every history course in the major.
- No more than 45 hours of upper division course work in the major may count toward the *minimum of 190 hours* required for graduation.

Requirements for All Music Degree Programs

PERFORMANCE REQUIREMENTS

Recital Requirements: Prior to performing a graduation recital, the candidate must pass a recital approval examination no less than three weeks before the recital date.

Candidates for the B.A. degree may be invited to perform a full public recital in their senior year on their primary instrument.

Each candidate for a music degree must complete applied music proficiency-level requirements appropriate to the candidate's specific degree plan as well as fulfill other performance requirements consistent with the degree plan or individual course objectives. The appropriate applied music teacher will assist in this area.

A jury examination will be taken on the major applied instrument during the examination week or shortly before the end of each quarter. Students not majoring in music and who take applied music lessons may take a jury examination upon the recommendation of the applied music instructor.

CLASS PIANO AND THE PIANO EXIT EXAMINATION

All freshman and sophomore music majors must pass the piano exit examination. A maximum of six hours credit of Class Piano is allowed toward graduation requirements.

MUSIC THEORY PLACEMENT/EXIT EXAMINATIONS

A placement examination in music theory is required of all transfer students. Freshman music majors may elect to take the placement examination. Placement exam results are for advisement purposes only.

Each major must pass (70 per cent or better) the music theory exit exam. No student may register for any upper-level theory course unless the theory exit exam is successfully completed.

The requirements stated above for exiting the lower-level theory sequence apply regardless of grades received in the lower level theory courses.

DEPARTMENTAL GRADING POLICY

Music majors must earn a minimum grade of "C" in each music class which applies toward graduation. Students earning less than a "C" grade in a sequential course offering may not enroll in the next course sequence until the course is repeated and a grade of "C" or higher is earned. In addition, students must earn a grade of "C" or better in a prerequisite course prior to registering for an advanced course in the same subject area.

APPLIED MUSIC (PRIVATE LESSONS)

Instruction in various instruments and voice is offered. The fee for receiving one hour credit (25-minute lesson per week) is \$12.50 per quarter; the fee for receiving two hours credit (50-minute lesson per week) is \$25.00; the fee for receiving three hours credit (50-minute lesson per week) is \$37.50.

Enrollment in any applied music course, including Junior Recital and Senior Recital, is by permission of instructor and/or department chair of music only.

ADDITIONAL POLICIES

See the [Department of Music Handbook](#) for additional policies governing degree programs in music.

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

MUSIC**B.A.****188 - 198 HOURS**

See page 25 for Core Curriculum, Areas I-III, required of all students.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to the Major 30 Hours

The 30 hrs required in Area IV - Music Theory (18), Applied Music (6), Ensemble (6) - are contained in the Common Body of Knowledge Courses in Music listed below.

Health and Physical Activities 7 Hours

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music 92 Hrs.

Music Technology: MUS 120 Practical Technology in Music (2)

Applied Music: MUA Applied Music (12)

Large Ensemble: MUE Large Ensemble (22)

(Keyboard primaries will substitute 6 hours of Large Ensemble with 6 hours of Mue 326 Piano Ensemble. Jazz Emphases majors may substitute 6 hours of Large Ensemble with 3 quarters of MUE 309, requiring a total of 18 hours of Large Ensemble)

Music Theory

MUS 127a,b,c Sight-Singing and Ear Training (6)

MUS 131 Fundamentals (3)

MUS 132a,b Theory I (6)

MUS 227a,b,c Sight-Singing and Ear Training (6)

MUS 231a,b,c Theory II (9)

MUS 358 Analytical Techniques (5)

Music History

MUS 152 Intro to Music (5)*

MUS 338 History of Music I (3)

MUS 339 History of Music II (3)

MUS 340 History of Music III (4)

Piano Class

MUS 116a,b,c Piano Class (3)

MUS 216a,b,c Piano Class. (3) or

MUS 126a,b,c Piano Class (6) (For keyboard primaries in lieu of MUS 116a,b,c and 216a,b,c)

Recital Attendance (0) Student must complete 9 quarters

* May be used in Area I of the Core Curriculum

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options.

The following list of major program options includes those **additional** and **specific requirements**.

Musicianship

MUS 120 - Prac Tech in Music (2)

MUS 127a,b,c - SS/ET (6)

MUS 131 - Fundamentals (3)

MUS 132 a,b - Theory I (6)

MUS 227 a,b,c - SS/ET (6)

MUS 231 a,b,c - Theory II (9)

MUS 338 - History of Music I (3)

MUS 339 - History of Music II (3)

MUS 340 - History of Music III (4)

MUS 358 - Analytical Techniques (5)

Musical Performance

MUA - Applied Music (12)

MUE - Large Ensemble (16)

MUS 116 a,b,c - Piano Class (3)

MUS 216 a,b,c - Piano Class (3) or MUS 126 a,b,c - Piano Class (6)

MUE 190 - Recital Attendance (0)

Free Electives 10 Hours

Foreign Language 10-20 Hours

Should a student require only 10 hours of a Foreign Language, he/she will add 10 hours of electives.

Minor Area (Non-Music) 20 Hours

ADVISEMENT: All music majors are assigned an academic advisor by the chair of the Department of Music, 681-5396.

PROGRAM ADMISSION CRITERIA: All prospective music majors must pass an entrance audition on the primary instrument.

OTHER PROGRAM REQUIREMENTS:

- See Performance requirements and other guidelines.
- See the Dept. of Music Handbook for policies governing degree programs.

MUSIC	B.M. IN COMPOSITION	209 HOURS
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See page 25 for Core Curriculum, Areas I-III, required of all students.

The major in composition is recommended for students who plan to teach theory and composition on the college level, to continue graduate study, or to pursue work in professional arranging and/or composition.

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours

The 30 hrs required in Area IV - Music Theory (18), Applied Music (6), Ensemble (6) - are contained in the Common Body of Knowledge Courses in Music listed below.

Health & Physical Activities	7 Hours
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COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music **92 Hrs.**

Music Technology: MUS 120 Practical Technology in Music (2)

Applied Music: MUA Applied Music (12)

Large Ensemble: MUE Large Ensemble (22)

(Keyboard primaries will substitute 6 hours of Large Ensemble with 6 hours of Mue 326 Piano Ensemble. Jazz Emphases majors may substitute 6 hours of Large Ensemble with 3 quarters of MUE 309, requiring a total of 18 hours of Large Ensemble)

Music Theory

MUS 127a,b,c Sight-Singing and Ear Training (6)

MUS 131 Fundamentals (3)

MUS 132a,b Theory I (6)

MUS 227a,b,c Sight-Singing and Ear Training (6)

MUS 231a,b,c Theory II (9)

MUS 358 Analytical Techniques (5)

Music History

MUS 152 Intro to Music (5)*

MUS 338 History of Music I (3)

MUS 339 History of Music II (3)

MUS 340 History of Music III (4)

Piano Class

MUS 116a,b,c Piano Class (3)

MUS 216a,b,c Piano Class. (3) or

MUS 126a,b,c Piano Class (6) (For keyboard primaries in lieu of MUS 116a,b,c and 216a,b,c)

Recital Attendance (0) Student must complete 9 quarters

* May be used in Area I of the Core Curriculum

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options.

The following list of major program options includes those **additional** and **specific requirements**.

Composition	21 Hours
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MUS 117a, b - Intro to Composition

MUS 228a, b, c - Composition

MUS 328a, b, c - Intermediate Composition

MUS 428a, b, c - Advanced Composition

MUA 401 - Senior Recital Preparation

Large Ensemble	2 Hours
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Theory	15 Hours
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MUS 356 - Counterpoint

MUS 357 - Instrumentation

MUS 464 - Electronic/Digital Music I

Any 500-level Music History/Literature course (5)

Conducting	2 Hours
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MUS 420 - Basic Conducting

Free Electives	10 Hours
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Alternate Requirement for Keyboard Primaries:

Piano Ensemble	6 Hours
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MUE 326 Piano Ensemble (in lieu of 6 hours of Large Ensemble)

ADVISEMENT: All music majors are assigned an academic advisor by the chair of the Department of Music, 681-5396.

PROGRAM ADMISSION CRITERIA: All prospective music majors must pass an entrance audition on the primary instrument.

OTHER PROGRAM REQUIREMENTS:

- See the requirements for all music degree programs.
- See the Dept. of Music Handbook for policies governing degree programs.

MUSIC B.M. IN MUSIC EDUCATION: CHORAL 214 OR 215 HOURS

See page 25 for Core Curriculum, Areas I-III, required of all students.

This major is recommended for qualified students who plan to teach choral music in the public schools or churches. The completion of these requirements provides for certification by the State Department of Education for teaching music (K-12) in the public schools of Georgia.

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
The 30 hrs required in Area IV - Music Theory (18), Applied Music (6), Ensemble (6) - are contained in the Common Body of Knowledge Courses in Music listed below.	
Health & Physical Activities	7 Hours

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music 92 Hrs.

Music Technology: MUS 120 Practical Technology in Music (2)

Applied Music: MUA Applied Music (12)

Large Ensemble: MUE Large Ensemble (22)

(Keyboard primaries will substitute 6 hours of Large Ensemble with 6 hours of Mue 326 Piano Ensemble. Jazz Emphases majors may substitute 6 hours of Large Ensemble with 3 quarters of MUE 309, requiring a total of 18 hours of Large Ensemble)

Music Theory

MUS 127a,b,c Sight-Singing and Ear Training (6)

MUS 131 Fundamentals (3)

MUS 132a,b Theory I (6)

MUS 227a,b,c Sight-Singing and Ear Training (6)

MUS 231a,b,c Theory II (9)

MUS 358 Analytical Techniques (5)

Music History

MUS 152 Intro to Music (5)*

MUS 338 History of Music I (3)

MUS 339 History of Music II (3)

MUS 340 History of Music III (4)

Piano Class

MUS 116a,b,c Piano Class (3)

MUS 216a,b,c Piano Class. (3) or

MUS 126a,b,c Piano Class (6) (For keyboard primaries in lieu of MUS 116a,b,c and 216a,b,c)

Recital Attendance (0) Student must complete 9 quarters

* May be used in Area I of the Core Curriculum

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options.

The following list of major program options includes those **additional** and **specific requirements**.

Graduation Recital (0)

MUA 291 Recital

Techniques and Conducting 10-11 Hours

MUS 111a Brass Class

MUS 112a Percussion Class

MUS 113a,b String Class

MUS 114 Voice Class (for Keyboard Primaries)

MUS 115a Woodwind Class

MUS 461 Choral Conducting & Literature

Music Education 5 Hours

MUS 451 Music in the Elementary School

ADVISEMENT: All music majors are assigned an academic advisor by the chair of the Department of Music, 681-5396.

PROGRAM ADMISSION CRITERIA: All prospective music majors must pass an entrance audition on the primary instrument.

OTHER PROGRAM REQUIREMENTS:

- See the requirements for all music degree programs.
- See the Dept. of Music Handbook for policies governing degree programs.

Professional Education 45 Hours

FED 251 Foundations of Education

FED 260 Human Growth & Development

FED 361 Educational Psychology

EXC 450 Identification and Education of Exceptional

Students in the Regular Classroom

EMS 394 Curriculum and Methods in Music K-12

EMS 491 Student Teaching

MUSIC **B.M. IN MUSIC EDUCATION: INSTRUMENTAL** **223 HOURS**

See page 25 for Core Curriculum, Areas I-III, required of all students.

This major is recommended for qualified students who plan to teach instrumental music in the public schools. The completion of these requirements provides for certification by the State Department of Education for teaching music (K-12) in the public schools of Georgia.

Area I - Humanities and Fine Arts **20 Hours**

Area II - Mathematics and Natural Sciences **20 Hours**

Area III - Social Science **20 Hours**

Area IV - Courses Appropriate to the Major **30 Hours**

The 30 hrs required in Area IV - Music Theory (18), Applied Music (6), Ensemble (6) - are contained in the Common Body of Knowledge Courses in Music listed below.

Health and Physical Activities **7 Hours**

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music **92 Hrs.**

Music Technology: MUS 120 Practical Technology in Music (2)

Applied Music: MUA Applied Music (12)

Large Ensemble: MUE Large Ensemble (22)

(Keyboard primaries will substitute 6 hours of Large Ensemble with 6 hours of Mue 326 Piano Ensemble. Jazz Emphases majors may substitute 6 hours of Large Ensemble with 3 quarters of MUE 309, requiring a total of 18 hours of Large Ensemble)

Music Theory

MUS 127a,b,c Sight-Singing and Ear Training (6)

MUS 131 Fundamentals (3)

MUS 132a,b Theory I (6)

MUS 227a,b,c Sight-Singing and Ear Training (6)

MUS 231a,b,c Theory II (9)

MUS 358 Analytical Techniques (5)

Music History

MUS 152 Intro to Music (5)*

MUS 338 History of Music I (3)

MUS 339 History of Music II (3)

MUS 340 History of Music III (4)

Piano Class

MUS 116a,b,c Piano Class (3)

MUS 216a,b,c Piano Class. (3) or

MUS 126a,b,c Piano Class (6) (For keyboard primaries in lieu of MUS 116a,b,c and 216a,b,c)

Recital Attendance (0) Student must complete 9 quarters

* May be used in Area I of the Core Curriculum

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options.

The following list of major program options includes those **additional** and **specific requirements**.

Graduation Recital (0)

MUA 291 - Recital

Theory (5)

MUS 357 - Instrumentation

Techniques and Conducting **14 Hours**

MUS 111a b - Brass Class

MUS 112a,b - Percussion Class (percussionists may satisfy this requirement with additional hours in applied music)

MUS 113a,b - String Class

MUS 114 - Voice Class

MUS 115a,b - Woodwind Class

MUS 462 - Instrumental Conducting & Literature (5)

Music Education (5)

MUS 451 - Music in the Elementary School

Professional Education **45 Hours**

FED 251 - Foundations of Education

FED 260 - Human Growth & Development

FED 361 - Educational Psychology

EXC 450 - Identification and Education of Exceptional Students in the Regular Classroom

EMS 394 - Curriculum and Methods in Music K-12 EMS 491 Student Teaching

ADVISEMENT: All music majors are assigned an academic advisor by the chair of the Department of Music, 681-5396.

PROGRAM ADMISSION CRITERIA: All prospective music majors must pass an entrance audition on the primary instrument.

OTHER PROGRAM REQUIREMENTS:

- See the requirements for all music degree programs.
- See the Dept. of Music Handbook for policies governing degree programs.

MUSIC **B.M. IN PERFORMANCE: KEYBOARD** **211 HOURS**

See page 25 for Core Curriculum, Areas I-III, required of all students.

This major is recommended for students who plan to work in the professional fields of college music teaching, solo performance or accompanying, or to pursue an advanced degree in performance.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to the Major 30 Hours

The 30 hrs required in Area IV - Music Theory (18), Applied Music (6), Ensemble (6) - are contained in the Common Body of Knowledge Courses in Music listed below.

Health and Physical Activities 7 Hours

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music 92 Hrs.

Music Technology: MUS 120 Practical Technology in Music (2)

Applied Music: MUA Applied Music (12)

Large Ensemble: MUE Large Ensemble (22)

(Keyboard primaries will substitute 6 hours of Large Ensemble with 6 hours of Mue 326 Piano Ensemble. Jazz Emphases majors may substitute 6 hours of Large Ensemble with 3 quarters of MUE 309, requiring a total of 18 hours of Large Ensemble)

Music Theory

MUS 127a,b,c Sight-Singing and Ear Training (6)

MUS 131 Fundamentals (3)

MUS 132a,b Theory I (6)

MUS 227a,b,c Sight-Singing and Ear Training (6)

MUS 231a,b,c Theory II (9)

MUS 358 Analytical Techniques (5)

Music History

MUS 152 Intro to Music (5)*

MUS 338 History of Music I (3)

MUS 339 History of Music II (3)

MUS 340 History of Music III (4)

Piano Class

MUS 116a,b,c Piano Class (3)

MUS 216a,b,c Piano Class. (3) or

MUS 126a,b,c Piano Class (6) (For keyboard primaries in lieu of MUS 116a,b,c and 216a,b,c)

Recital Attendance (0) Student must complete 9 quarters

* May be used in Area I of the Core Curriculum

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options.

The following list of major program options includes those **additional** and **specific requirements**.

Applied Music 14 Hours

Applied Music (12)

MUA 301 Junior Recital Preparation (1)

MUA 401 Senior Recital Preparation (1)

Large Ensemble (2)

Piano Ensemble (6)

MUE 326 Piano Ensemble

Pedagogy (2)

MUS 229a Piano Pedagogy I

Music Literature (6)

MUS 520a, b, c Piano Literature

Any combination of upper-division music theory and music history/literature courses (min. 5 hrs in each area) (15)

Conducting (2)

MUS 420 Basic Conducting

Free Electives 10 Hours

ADVISEMENT: All music majors are assigned an academic advisor by the chair of the Department of Music, 681-5396.

PROGRAM ADMISSION CRITERIA: All prospective music majors must pass an entrance audition on the primary instrument.

OTHER PROGRAM REQUIREMENTS:

- See the requirements for all music degree programs.
- See the Dept. of Music Handbook for policies governing degree programs.

MUSIC	B.M. IN PERFORMANCE: VOICE	213 HOURS
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See page 25 for Core Curriculum, Areas I-III, required of all students.

This major is recommended for qualified students who plan to work in the professional vocal fields including college voice teaching, concert singing, church work, private teaching, opera, radio and television.

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours

The 30 hrs required in Area IV - Music Theory (18), Applied Music (6), Ensemble (6) - are contained in the Common Body of Knowledge Courses in Music listed below.

Health and Physical Activities	7 Hours
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COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music **92 Hrs.**

Music Technology: MUS 120 Practical Technology in Music (2)

Applied Music: MUA Applied Music (12)

Large Ensemble: MUE Large Ensemble (22)

(Keyboard primaries will substitute 6 hours of Large Ensemble with 6 hours of Mue 326 Piano Ensemble. Jazz Emphases majors may substitute 6 hours of Large Ensemble with 3 quarters of MUE 309, requiring a total of 18 hours of Large Ensemble)

Music Theory

MUS 127a,b,c Sight-Singing and Ear Training (6)

MUS 131 Fundamentals (3)

MUS 132a,b Theory I (6)

MUS 227a,b,c Sight-Singing and Ear Training (6)

MUS 231a,b,c Theory II (9)

MUS 358 Analytical Techniques (5)

Music History

MUS 152 Intro to Music (5)*

MUS 338 History of Music I (3)

MUS 339 History of Music II (3)

MUS 340 History of Music III (4)

Piano Class

MUS 116a,b,c Piano Class (3)

MUS 216a,b,c Piano Class. (3) or

MUS 126a,b,c Piano Class (6) (For keyboard primaries in lieu of MUS 116a,b,c and 216a,b,c)

Recital Attendance (0) Student must complete 9 quarters

* May be used in Area I of the Core Curriculum

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options. The following list of major program options includes those **additional** and **specific requirements**.

Applied Music **14 Hours**

Applied Music (12)

MUA 301 Junior Recital Preparation (1)

MUA 401 Senior Recital Preparation (1)

Large Ensemble (2)

Small Ensemble (6)

Pedagogy & Diction (6)

MUS 443 Vocal Pedagogy

MUS 221 Diction for Singers

Music Literature 4 hrs

MUS 324 Vocal Literature: Italian/French

MUS 326 Vocal Literature: English/German

Any upper-division music theory or music history/literature course **5 Hours**

Conducting **2 Hours**

MUS 420 Basic Conducting

Free Electives **10 Hours**

Foreign Language **10 Hours**

ADVISEMENT: All music majors are assigned an academic advisor by the chair of the Department of Music, 681-5396.

PROGRAM ADMISSION CRITERIA: All prospective music majors must pass an entrance audition on the primary instrument.

OTHER PROGRAM REQUIREMENTS:

- See the requirements for all music degree programs.
- See the Dept. of Music Handbook for policies governing degree programs.

MUSIC**B.M. IN PERFORMANCE****201 - 211 HOURS****ELECTIVE STUDIES IN BUSINESS**

See page 25 for Core Curriculum, Areas I-III, required of all students.

This optional program is recommended for students who plan to work in the multi-faceted music industry.

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
The 30 hrs required in Area IV - Music Theory (18), Applied Music (6), Ensemble (6) - are contained in the Common Body of Knowledge Courses in Music listed below.	
Health and Physical Activities	7 Hours

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music **92 Hrs.**

Music Technology: MUS 120 Practical Technology in Music (2)

Applied Music: MUA Applied Music (12)

Large Ensemble: MUE Large Ensemble (22)

(Keyboard primaries will substitute 6 hours of Large Ensemble with 6 hours of Mue 326 Piano Ensemble. Jazz Emphases majors may substitute 6 hours of Large Ensemble with 3 quarters of MUE 309, requiring a total of 18 hours of Large Ensemble)

Music Theory

MUS 127a,b,c Sight-Singing and Ear Training (6)

MUS 131 Fundamentals (3)

MUS 132a,b Theory I (6)

MUS 227a,b,c Sight-Singing and Ear Training (6)

MUS 231a,b,c Theory II (9)

MUS 358 Analytical Techniques (5)

Music History

MUS 152 Intro to Music (5)*

MUS 338 History of Music I (3)

MUS 339 History of Music II (3)

MUS 340 History of Music III (4)

Piano Class

MUS 116a,b,c Piano Class (3)

MUS 216a,b,c Piano Class. (3) or

MUS 126a,b,c Piano Class (6) (For keyboard primaries in lieu of MUS 116a,b,c and 216a,b,c)

Recital Attendance (0) Student must complete 9 quarters

* May be used in Area I of the Core Curriculum

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options. The following list of major program options includes those **additional** and **specific requirements**.

Applied Music **13Hours**

Applied Music (12)

MUA 401 Senior Recital Preparation (1)

Applied Pedagogy (Instrumental only) (1)

Large Ensemble (2)

Music Theory (5)

MUS 464 Electronic/Digital Music I

Conducting **2 Hours**

MUS 420 Basic Conducting

Free Electives **10 Hours**

Business Courses **15 Hours**

ACC 260 Survey of Accounting (5)

MKT 350 Principles of Marketing (5)

MGT 351 Principles of Management (5)

Further Requirements for Keyboard and Voice Primaries: Keyboard

Pedagogy & Literature **8 Hours**

MUS 229a Piano Pedagogy I

MUS 520a, b, c Piano Literature

Piano Ensemble **6 Hours**

MUE 326 Piano Ensemble) (in lieu of 6 hours of Large Ensemble)

Voice

Foreign Language **10 Hours**

ADVISEMENT: All music majors are assigned an academic advisor by the chair of the Department of Music., 681-5396.

PROGRAM ADMISSION CRITERIA: All prospective music majors must pass an entrance audition on the primary instrument.

OTHER PROGRAM REQUIREMENTS:

- See the requirements for all music degree programs.
- See the Dept. of Music Handbook for policies governing degree programs.

MUSIC**B.M. IN PERFORMANCE****204 -211 HOURS****EMPHASIS IN JAZZ PERFORMANCE**

See page 25 for Core Curriculum, Areas I-III, required of all students.

This optional Emphasis is recommended for students who plan to play jazz/commercial music professionally and for those students who wish to increase their skills in jazz pedagogy.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to the Major 30 Hours

The 30 hrs required in Area IV - Music Theory (18), Applied Music (6), Ensemble (6) - are contained in the Common Body of Knowledge Courses in Music listed below.

Health and Physical Activities 7 Hours

COMMON BODY OF KNOWLEDGE COURSES IN MUSIC

Following is a list of courses common to all degree programs in Music 92 Hrs.

Music Technology: MUS 120 Practical Technology in Music (2)

Applied Music: MUA Applied Music (12)

Large Ensemble: MUE Large Ensemble (22)

(Keyboard primaries will substitute 6 hours of Large Ensemble with 6 hours of Mue 326 Piano Ensemble. Jazz Emphases majors may substitute 6 hours of Large Ensemble with 3 quarters of MUE 309, requiring a total of 18 hours of Large Ensemble)

Music Theory

MUS 127a,b,c Sight-Singing and Ear Training (6)

MUS 131 Fundamentals (3)

MUS 132a,b Theory I (6)

MUS 227a,b,c Sight-Singing and Ear Training (6)

MUS 231a,b,c Theory II (9)

MUS 358 Analytical Techniques (5)

Music History

MUS 152 Intro to Music (5)*

MUS 338 History of Music I (3)

MUS 339 History of Music II (3)

MUS 340 History of Music III (4)

Piano Class

MUS 116a,b,c Piano Class (3)

MUS 216a,b,c Piano Class. (3) or

MUS 126a,b,c Piano Class (6) (For keyboard primaries in lieu of MUS 116a,b,c and 216a,b,c)

Recital Attendance (0) Student must complete 9 quarters

* May be used in Area I of the Core Curriculum

Requirements beyond the Common Body of Knowledge Courses in Music differ according to the individual program options.

The following list of major program options includes those **additional** and **specific requirements**.

Applied Music 14 Hours

Applied Music (12)

MUA 301 - Junior Recital Preparation (1)

MUA 401 - Senior Recital Preparation (1)

Instrumental Pedagogy (Instrumentalists only) (1)

Large Ensemble (2)

(3 quarters of MUE 309 may substitute for 6 hours of LE requiring a total of 18 hours of LE)

Small Ensemble (13)

Jazz Ensemble/Combo

Music History (5)

MUS 360 History of Jazz

Theory (5)

MUS 450 Jazz Styles and Analysis

Conducting (2)

MUS 420 Basic Conducting

Jazz Improvisation (8)

MUS 220a, b, c Jazz Improvisation

MUS 325a Advanced Jazz Improvisation

Further Requirements for Keyboard Primaries:

Piano Ensemble (6)

MUE 326 Piano Ensemble (in lieu of 6 hours of Large Ensemble)

Piano Literature (6)

MUS 520a, b, c Piano Literature

Piano Pedagogy (2)

MUS 229a Piano Pedagogy I

ADVISEMENT: All music majors are assigned an academic advisor by the chair of the Department of Music, 681-5396.

PROGRAM ADMISSION CRITERIA: All prospective music majors must pass an entrance audition on the primary instrument.

OTHER PROGRAM REQUIREMENTS:

- See the requirements for all music degree programs.
- See the [Dept. of Music Handbook](#) for policies governing degree programs.

POLITICAL SCIENCE**B.A.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

Foreign Language (10)

PSC 250 - American Government (5)

PSC 260 Intro to Political Science (5)

Statistics 255 - Statistics using the Computer I (5) -- May be counted in Area II

Statistics 256 - Statistics Using the Computer II (5) - May be counted in Area II

0-10 hours from the following:

ANT 150 - Intro to Anthropology (5)

ECO 250 - Principles of Economics I (5)

ECO 251- Principles of Economics II (5)

ECO 260 - Basic Economics (5)

GGY 250 - World Regional Geography (5)

HIS 252 - The United States to 1877 (5)

HIS 253 - The United States Since 1877 (5)

JS 251 - Intro to Criminal Justice (5)

PHI 150 - Survey of Philosophy (5)

PSY 150 - Intro to Psychology (5)

SOC 150 - Intro to Sociology (5) or up to 10 hours of 100 level or higher PSC, except PSC 250

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Major Courses 40 hours

PSC 350 - State and Local Government (5)

PSC 352 - Public Opinion and Political Behavior (5)

PSC 352 - Political Parties and Elections (5)

PSC 353 - Presidency (5)

PSC 354 - Congress and Public Policy (5)

PSC 355 - The Judicial Process (5)

PSC 356 - African American Politics (5)

PSC 357 - Public Administration (5)

PSC 358 - Constitutional Law I (5)

PSC 359 - Constitutional Law II (5)

PSC 365 - Public Policy (5)

PSC 369 - Politics and the Media (5)

PSC 363 - Scope and Methods in Political Science (5)

PSC 365 - Ancient and Medieval Political Thought (5)

PSC 366 - Modern Political Thought (5)

PSC 367 - Recent and Contemporary Political Thought (5)

PSC 368 - American Political Thought (5)

PSC 372 - Women and Politics (5)

PSC 373 - Comparative Politics: Theory and Application (5)

PSC 374 - Comparative Politics: Modernization and Development of New Nations (5)

PSC 378 - Latin American Politics (5)

PSC 379 - African Politics (5)

PSC 380 - Intro to International Politics (5)

PSC 381 - The United States and Major Problem Areas: Geographical and Functional (5)

PSC 382 - Human Rights in International Politics (5)

PSC 384 - Politics of the Middle East (5)

Senior Seminar (400 level PSC course) (5)

Choose 300 level and above courses 33 hours**Minor Field: 20 upper division hours 20 hours****ADVISEMENT:** Political Science Department, Political Science Bldg, Forest Drive, 681-5698**OTHER PROGRAM REQUIREMENTS:** Forty hours including one course in each of the discipline sub-fields (American politics; scope and methods; political theory; comparative politics; international relations; and senior seminar).

POLITICAL SCIENCE**B.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 hours****Area II - Mathematics and Natural Sciences 20 hours****Area III - Social Science 20 hours****Area IV - Courses Appropriate to the Major 30 hours**

Foreign Language (5)

PSC 250 - American Government (5)

PSC 260 - Intro to Political Science (5)

STA 255 - Statistics using the Computer I (5)--May be counted in Area II

STA 256 - Statistics Using the Computer II (5)

10 hours from the following:

ANT 150 - Intro to Anthropology (5)

ECO 250 - Principles of Economics I

ECO 251 - Principles of Economics II

ECO 260 - Basic Economics

GGY 250 - World Regional Geography (5)

HIS 252 - The United States to 1877 (5)

HIS 253 - The United States Since 1877 (5)

JS 251 - Intro to Criminal Justice (5)

PHI 150 - Survey of Philosophy (5)

PSY 150 - Intro to Psychology (5)

SOC 150 - Intro to Sociology (5) or up to ten hours of 100-level or higher PSC, except PSC 250

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Major Courses 40 hours

PSC 350 - State and Local Government (5)

PSC 351 - Public Opinion and Political Behavior (5)

PSC 352 - Political Parties and Elections (5)

PSC 353 - Presidency (5)

PSC 354 - Congress and Public Policy (5)

PSC 355 - The Judicial Process (5)

PSC 356 - African American Politics (5)

PSC 357 - Public Administration (5)

PSC 358 - Constitutional Law I (5)

PSC 359 - Constitutional Law II (5)

PSC 364 - Public Policy (5)

PSC 369 - Politics and the Media (5)

PSC 363 - Scope and Methods in Political Science (5)

PSC 365 - Ancient and Medieval Political Thought (5)

PSC 366 - Modern Political Thought (5)

PSC 367 - Recent and Contemporary Political Thought

PSC 368 - American Political Thought

PSC 372 - Women and Politics (5)

PSC 373 - Comparative Politics: Theory and Application (5)

PSC 374 - Comparative Politics: Modernization and Development of New Nations (5)

PSC 378 - Latin American Politics

PSC 379 - African Politics (5)

PSC 380 - Intro to International Politics (5)

PSC 381 - The United States and Major Problem Areas: Geographical and Functional (5)

PSC 382 - Human Rights in International Politics (5)

PSC 384 - Politics of the Middle East (5)

Senior Seminar (400 level PSC course) (5)

Plus 10 additional hours from 300 level and above courses

Electives 23 Hours**Area related to PSC, 30 upper division hours or an optimal minor field of 20 upper division hours 20-30 hours****ADVISEMENT:** Political Science Department, Political Science Bldg, Forest Drive, telephone 681-5698**OTHER PROGRAM REQUIREMENTS:** Forty hours including one course in each of the discipline sub-fields (American politics; scope and methods; political theory; comparative politics; international relations; and senior seminar).

POLITICAL SCIENCE	B.S. IN JUSTICE STUDIES	190 HOURS
<i>See page 25 for Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 hours
Area II - Mathematics and Natural Sciences		20 hours
Area III - Social Science		20 hours
Area IV - Courses Appropriate to the Major		30 hours
JS 251 - Intro to Criminal Justice (5)		
JS 253 - Justice and Ethics (5)		
SOC 150 - Intro to Sociology (5)		
Elective from Social Science/Humanities, choose one from the following: (5)		
ANT 150 - Intro to Anthropology (5)		
ECO 250 - Principles of Economics I (5)		
ECO 251 - Principles of Economics II (5)		
ECO 260 - Basic Economics (5)		
GGY 250 - World Regional Geography (5)		
PHI 150 - Survey of Philosophy (5)		
PSC 260 - Intro to Political Science (5)		
CAS 251 - Fundamentals of Public Speaking (5)		
Choose 10 hours from:		
STA 255 - Statistics using the Computer I (5)		
CIS 251 - Data Processing (5)		
STA 256 - Statistics using the Computer II (5)		
or 10 hours Foreign Language		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Activities (4)		
JS Options		15 hours
JS 491, 492, 493 - Internship I, II, III or		
JS 300+ any course (10)		
Any 300+ level or above PSC, History or JS (5)		
UPPER DIVISION JS		25 hours
JS 461 - Seminar Required (5)		
Plus 20 hours from the following:		
JS 354 - Gangs, Drugs, and Criminal Justice (5)		
JS 360 - Crimes (5)		
JS 361 - Evidence (5)		
JS 362 - Criminal Procedure (5)		
JS 363 - Juvenile Justice (5)		
JS 364 - Comparative Industrial Security (5)		
JS 365 - Advanced Corrections (5)		
JS 367 - Advanced Criminal Investigations (5)		
JS 368 - Police Administration (5)		
JS 453 - Offender Counseling and Support (5)		
INTERDISCIPLINARY REQUIREMENTS		30 hours
10 hours from the following:		
SOC 350 - Social Problems (5)		
SOC 352 - Urban Sociology (5)		
SOC 355 - Gender Roles (5)		
SOC 357 Criminology (5)		
SOC 358 - Juvenile Delinquency (5)		
SOC 359 - Race and Ethnic Relations (5)		
SOC 360 - Deviant Behavior (5)		
SOC 365 - Sociology of Death and Dying (5)		
SOC 370 - Social Welfare Policy and Services (5)		
SOC 452 - Community Organization (5)		
SOC 457 - The Rural South (5)		

(Continued on next page)

POLITICAL SCIENCE**(Continued)****10 hours from the following:**

- PSY 350 - Psychology of Adjustment (5)
- PSY 362 - Applied Psychology (5)
- PSY 367 - Industrial/Organizational Psychology (5)
- PSY 371 - Abnormal Psychology (5)
- PSY 372 - Behavior Modification (5)
- PSY 373 - Psychology of Substance Abuse (5)
- PSY 374 - Social Psychology (5)
- PSY 453 - Motivation and Emotion (5)

10 hours from the following:**5 hours from:**

- PSC 350 - State and Local Government (5)
- PSC 355 - The Judicial Process (5)
- PSC 357 - Public Administration (5)
- PSC 358 - Constitutional Law I (5)
- PSC 364 - Public Policy (5)

and 5 hours from:

- HIS 353 - African American History Since 1877 (5)
- PSC 356 - African American Politics (5)
- PSC 359 - Constitutional Law II (5)
- PSC 372 - Women and Politics (5)
- PSC 378 - Latin American Politics (5)
- PSC 379 - African Politics (5)
- PSC 382 - Human Rights in International Politics (5)
- Research Methods (5)

5 hours from the following:

- PSC 363 - Scope and Methods in Political Science (5) (STA 255 and STA 256 Prerequisites) or
- SOC 381 - Methods of Social Research (STA 255 Prerequisite)

General Electives 18 hours**ADVISEMENT:** Political Science Department, Political Science Bldg, Forest Drive, telephone: 681-5698

PSYCHOLOGY**B.A.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 10-30 Hours**

ANT 150 - Intro To Anthropology (5)

JS 251 - Intro To Justice Studies (5)

ECO 250, 251, 260 - Principles of Economics (5)

HIS 252, 253 - U.S. History I or II (5)

STA 255 - Statistics (5)

PHI 150 - Survey of Philosophical Thought (5)

PSY 284 - Microcomputer Applications in Psychology (5)

SOC 150 - Intro to Sociology (5)

Health and Physical Education Activity 7 Hours

HTH 131 - Personal Health Promotion (3)

PEA - Physical Education Activity (4)

Specifically Required Courses 26 Hours

PSY 150 - Intro to Psychology (5)

PSY 210 - Careers in Psychology (1)

PSY 280, 380 - Psychological Statistics, I, II (10)

PSY 382 - Research Methods in Psychology (5)

PSY 562 - History & Systems of Psychology (5)

Major Courses 30 Hours**Choose at least one of the following courses after taking PSY 150:**

PSY 371 - Abnormal Psychology (5)

PSY 374 - Social Psychology (5)

PSY 375 - Life-Span Developmental Psychology (5)

PSY 376 - Personality Psychology (5)

Choose at least one of the following courses in experimental psychology after taking PSY 150:

PSY 452 - Cognitive Psychology (5)

PSY 453 - Motivation and Emotion (5)

PSY 455 - Principles of Animal Learning (5)

PSY 457 - Physiological Psychology (5)

Choose at least one of the following laboratory courses:

PSY 552 - Experimental Cognitive Psychology (5)

PSY 553 - Experimental Animal Learning and Cognition (5)

PSY 555 - Experimental Developmental Psychology (5)

PSY 556 - Experimental Social Psychology (5)

Choose three additional upper division elective psychology courses approved by the advisor.**A maximum of 10 credit hours in one or more of the following courses may be credited toward the major:**

PSY 391 - Research Experience (Varies)

PSY 491 - Field Experience (Varies)

PSY 492 - Directed Research (Varies)

PSY 493 - Directed Study in Psychology (Varies)

Free Electives 7-27 Hours**Foreign Language - Required 0-20 Hours****Minor - Required 20 Hours****ADVISEMENT:** Department of Psychology, Math-Physics-Psychology Bldg, 681-5539**OTHER PROGRAM REQUIREMENTS:**

- Must have a "C" or better in PSY 280, 380, 382, and 562, and in the course selected to meet the laboratory requirements.

PSYCHOLOGY**B.S. IN PSYCHOLOGY****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to Major 20-30 Hours**

ANT 150 - Intro to Anthropology (5)

ECO 250, 251, 260 - Principles of Economics (5)

HIS 252, 253 - U.S. History I or II (5)

JS 251 - Intro to Justice Studies (5)

STA 255 - Statistics (5)

PHI 150 - Survey of Philosophical Thought (5)

SOC 150 - Intro to Sociology (5)

Health and Physical Education Activity 7 Hours

HTH 131 - Personal Health Promotion (3)

PEA - Physical Education Activity (4)

Specifically Required Courses 26 Hours

PSY 150 - Intro to Psychology (5)

PSY 210 - Careers in Psychology (1)

PSY 280, 380 - Psychological Statistics, I, II (10)

PSY 382 - Research Methods in Psychology (5)

PSY 562 - History & Systems of Psychology (5)

Major Courses 30-45 Hours**Choose at least one of the following courses after taking PSY 150:**

PSY 371 - Abnormal Psychology (5)

PSY 374 - Social Psychology (5)

PSY 375 - Life-Span Developmental Psychology (5)

PSY 376 - Personality Psychology (5)

Choose at least one of the following courses in experimental psychology after taking PSY 150:

PSY 452 - Cognitive Psychology (5)

PSY 453 - Motivation and Emotion (5)

PSY 455 - Principles of Animal Learning (5)

PSY 457 - Physiological Psychology (5)

Choose at least one of the following laboratory courses:

PSY 552 - Experimental Cognitive Psychology (5)

PSY 553 - Experimental Animal Learning and Cognition (5)

PSY 555 - Experimental Developmental Psychology (5)

PSY 556 - Experimental Social Psychology (5)

Choose between three and six additional upper division elective psychology courses approved by the advisor.**A maximum of 10 credit hours in one or more of the following courses may be credited toward the major:**

PSY 391 - Research Experience (Varies)

PSY 491 - Field Experience (Varies)

PSY 492 - Directed Research (Varies)

PSY 493 - Directed Study in Psychology (Varies)

Free Electives 22-47 Hours**Foreign Language - Required 0-10 Hours****Minor - Optional 20 Hours****ADVISEMENT:** Department of Psychology, Math-Physics-Psychology Bldg, 681-5539**OTHER PROGRAM REQUIREMENTS**

- Must have a "C" or better in PSY 280, 380, 382, and 562, and in the course selected to meet the laboratory requirements.

ANTHROPOLOGY**B.A.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours

ANT 150 Intro to Anthropology* (5)

Choose 15-25 Hours from the Following:

BIO 151, 152 - Principles of Biology (5)

BIO 271, 272 - Human Anatomy & Physiology (5)

ECO 260 - Basic Economics (5)

GGY 250 - World Regional Geography (5)

GLY 151, General Physical Geology, GLY 152 General Historical Geology (5)

HIS 152, 153 - Development of Civilization (5)

HIS 252, 253 - History of the United States (5)

PSY 150 - Intro to Psychology (5)

SOC 150 - Intro to Sociology (5)

STA 255, 256 - Statistics Using the Computer (5)

*Must be passed with grade of "C" or better

Health and Physical Education Activity	7 Hours
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HTH 131 - Personal Health Promotion (3)

PEA - Physical Education Activity (4)

Specifically Required Courses	25 Hours
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ANT 150 - Intro to Anthropology (5)

ANT 350 - Intro to Language (5)

ANT 351 - World Archaeology (5)

ANT 352 - Biological Anthropology (5)

ANT 353 - Cultural Anthropology (5)

Major Courses	45 Hours
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Choose 45 hours from the following anthropology courses at the 300 level or higher as approved by the advisor, after taking ANT 150:

ANT/FL 350 - Intro to Language (5)

ANT 351 - World Archaeology (5)

ANT 352 - Biological Anthropology (5)

ANT 353 - Cultural Anthropology (5)

ANT 399 - Selected Topics in Anthropology

ANT/AS - 453 North American Archaeology (5)

ANT 454 - Archaeology of the Southeastern U.S. (5)

ANT/AS 455 - Historical Archaeology (5)

ANT 456 - Georgia Archaeology (5)

ANT/SOC/AS/AAS 457 - The Rural South (5)

ANT/HIS 459 - American Material Culture (5)

ANT/AS 461 - Indians of the Southeastern U.S. (5)

ANT/AS 462 - North American Indians (5)

ANT/HIS 463 - Folk Life (5)

ANT/AAS 465 - Peoples and Cultures of Africa (5)

ANT 470 - Applied Anthropology (5)

ANT 475 - Ethnographic Field Methods (5)

ANT 476 - Peoples and Cultures of Modern Europe (5)

ANT 477 - Peoples and Cultures of the Middle East (5)

ANT 481 - Methods and Theory in Archaeology (5)

ANT 491 - Field Session in Archaeology (Varies)

ANT 499 - Directed Study (Varies)

ANT 552 - Practicum in Archaeological Analysis (5)

ANT/CA/ENG 5472 - Sociolinguistics (4)

ANT 582 - Comparative Social Structures (5)

ANT 583 - Anthropological Theory (5)

ANT/AS 599 - Selected Topics in Anthropology (Varies)

Free Electives	23-28 Hours
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Foreign Language - Required	0-10 Hours
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(Completion of Intermediate Level by Courses or Testing)

Minor: Required	25 Hours
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Prerequisite plus 20 hours at 300 level or higher.

ADVISEMENT: Assigned Anthropology Faculty in the Department of Sociology and Anthropology, First Floor Newton Bldg, 681-5443.

SOCIOLOGY**B.A.****190 HOURS***See page xx for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours

SOC 150 - Intro to Sociology* (5)

Choose 15-25 Hours from the Following:

ANT 150 - Intro to Anthropology (5)
 ECO 260 - Basic Economics (5)
 GGY 250 - World Regional Geography (5)
 HIS 152,153 - Development of Civilization (5)
 HIS 252,253 - History of the United States (5)
 PHI 150 - Survey of Philosophy (5)
 PSY 150 - Intro to Psychology (5)
 SOC 270 - Intro to Social Welfare (5)
 STA 255, 256 - Statistics Using the Computer (5)

*Must be passed with grade of "C" or better

Health and Physical Education Activity	7 Hours
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HTH 131 - Personal Health Promotion (3)
 PEA - Physical Education Activity (4)

Specifically Required Courses	20 Hours
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SOC 150 - Intro to Sociology (5)
 STA 255 - Statistics Using the Computer (5)
 SOC 380 - Sociological Theory (5)
 SOC 381 - Methods of Social Research (5)

Major Courses	45 Hours
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Choose 45 hours from the following sociology courses at the 300 level or higher as approved by sociology faculty advisor:

SOC/AS 350 - Social Problems (5)	SOC 452 - Community Organization (5)
SOC/AS 352 - Urban Sociology (5)	SOC 453 - Social Work as a Profession (5)
SOC/JS 354 - Gangs, Drugs, and Criminal Justice (5)	SOC/RS 455 - Sociology of Religion (5)
SOC/WGS 355 - Gender Roles (5)	SOC/ANT/AS/AAS 457 - The Rural South (5)
SOC 356 - Self and Society (5)	SOC/AAS 460 - Social Stratification (5)
SOC 357 Criminology (5)	SOC 461 - Program Evaluation (5)
SOC 358 - Juvenile Delinquency (5)	SOC 463 - Aging (5)
SOC/AS/AAS 359 - Race and Ethnic Relations (5)	SOC 465 - Sociology of Education (5)
SOC 360 - Deviant Behavior (5)	SOC 466 - Fields of Child Welfare (5)
SOC 365 - Sociology of Death and Dying (5)	SOC 467 - Sociology of Health Care (5)
SOC 370 - Social Welfare Policy and Services (5)	SOC 472 - Collective Behavior (5)
SOC 371- Social Services and Aging (5)	SOC 475 - Organizations (5)
SOC 372 - Social Work and Health Care (5)	SOC 480 - Sociology of the Family (5)
SOC 380 - Sociological Theory (5)	SOC 492, 493, 494 - Field Internship I, II, III (15)
SOC 381 - Methods of Social Research (5)	SOC 499 - Directed Individual Research (Varies)
SOC 399 - Selected Topics in Sociology (varies)	SOC 554 - Social Change (5)
SOC 450 - Population (5)	SOC 599 - Selected Topics in Sociology (varies)

Free Electives	23-28 Hours
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Foreign Language - Required	0-10 Hours
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(Completion of Intermediate Level)

Minor: Required	25 Hours
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Prerequisite plus 20 hours at 300 level or higher.

ADVISEMENT: Assigned Sociology Faculty, Department of Sociology and Anthropology, First Floor Newton Building, 681-5443.

SOCIOLOGY**B.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

SOC 150 - Intro to Sociology* (5)

Choose 15-25 Hours from the Following:

ANT 150 - Intro to Anthropology (5)

ECO 260 - Basic Economics (5)

GGY 250 - World Regional Geography (5)

HIS 152,153 - Development of Civilization (5-10)

HIS 252,253 - History of the United States (5-10)

PHI 150 - Survey of Philosophy (5)

PSY 150 - Intro to Psychology (5)

SOC 270 - Intro to Social Welfare (5)

SOC 280 - Intro to Social Work (5)

STA 255, 256 - Statistics Using the Computer (5-10)

*Must be passed with grade of "C" or better

Health and Physical Education Activity 7 Hours

HTH 131 - Personal Health Promotion (3)

PEA - Physical Education Activity (4)

Specifically Required Courses 25-35 Hours

SOC 150 - Intro to Sociology (5)

STA 255 - Statistics Using the Computer (5)

SOC 380 - Sociological Theory (5)

SOC 381 - Methods of Social Research (5)

SOC 492, 493,494 - Field Internship (5-15)

Emphasis in Social Work 50-55 Hours**Same but with minimum 10 hour internship and****Required Courses**

SOC 270 - Intro to Social Welfare (5)

SOC 280 - Intro to Social Work (5)

SOC 370 - Social Welfare Policy and Services (5)

SOC 452 - Community Organization (5)

SOC 453 - Social Work as a Profession (5)

SOC 480 - Sociology of the Family (5)

SOC 380 - Requirement May Be Waived (5)

Major Courses 60 Hours**Choose from the following sociology courses at the 300 level or higher as directed by sociology faculty advisor:**

SOC/AS 350 - Social Problems (5)

SOC/AS 352 - Urban Sociology (5)

SOC/JS 354 - Gangs, Drugs, and Criminal Justice (5)

SOC/WGS 355 - Gender Roles (5)

SOC 356 - Self and Society (5)

SOC 357 Criminology (5)

SOC 358 - Juvenile Delinquency (5)

SOC/AS/AAS 359 - Race and Ethnic Relations (5)

SOC 360 - Deviant Behavior (5)

SOC 365 Sociology of Death and Dying (5)

SOC 370 - Social Welfare Policy and Services (5)

SOC 371 - Social Services and Aging (5)

SOC 372 - Social Work and Health Care (5)

SOC 380 - Sociological Theory (5)

SOC 381 - Methods of Social Research (5)

SOC 399 - Selected Topics in Sociology (varies)

SOC 450 - Population (5)

SOC 452 - Community Organization (5) SOC

453 - Social Work as a Profession (5) SOC/RS

455 - Sociology of Religion (5)

SOC/ANT/AS/AAS 457 - The Rural South (5)

SOC/AAS 460 - Social Stratification (5)

SOC 461 - Program Evaluation (5)

SOC 463 - Aging (5)

SOC 465 - Sociology of Education (5)

SOC 466 - Fields of Child Welfare (5)

SOC 467 - Sociology of Health Care (5)

SOC 472 - Collective Behavior (5)

SOC 475 Organizations (5)

SOC 480 - Sociology of the Family (5)

SOC 492, 493, 494 - Field Internship I, II, III (15)

SOC 499 - Directed Individual Research (Varies)

SOC 554 - Social Change (5)

Interdisciplinary Specialty Electives 5-10 Hours**Foreign Language--Required 0-5 Hours**

(Completion of First Intermediate Course)

Minor: Optional 25 Hours**ADVISEMENT:** Assigned Sociology Faculty, Department of Sociology and Anthropology, First Floor Newton Bldg, 681-5443.

Allen E. Paulson College of Science & Technology

Dean: Jimmy L. Solomon
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Phone 681-5111
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Mission and Objectives

The objectives of the Allen E. Paulson College of Science and Technology are to offer programs of study in mathematics, computer science, technology, and the natural sciences; to offer preparation and education in mathematical, technological, and scientific bases for all students of Georgia Southern University; to provide through Core Curriculum and elective courses a mathematical, technological, and scientific base for achievement of advanced degrees; to provide a strong foundation for achievement of advanced degrees; and to provide increased knowledge and appreciation of nature, technology, the sciences and the scientific method.

Structure

Department of Biology

The Department of Biology has some 600 undergraduate majors and 40 full time graduate students. Faculty research emphasizes three broad areas: Genetics and Physiology; Evolutionary Biology and Ecology; and Acarology and Medical Entomology.

John E. Averett, Chair
Professors: J. Averett, S. Bennett, J. Boole (Emeritus), J. B. Claiborne, J. Copeland, J. Diebolt, F. French, D. Hagan, E. Hibbs (Emeritus), S. McKeever (Emeritus), W. Krissinger, J. Oliver, J. Parrish
Associate Professors: D. Drapalik, D. Gantt, W. Irby, K. Maur, D. K. McLain, A. Pratt, O. Pung, S. Vives
Assistant Professors: M. Cawthorn, R. Chandler, A. Morrison-Shetlar, D. Rostal, L. Wolfe, Q. Fang, S. George, D. Gleason, R. Shetlar
Adjunct Professors: D. Menzel, H. Sengbusch, R. Walker, H. Windom

Department of Chemistry

The goal of the Department of Chemistry is to provide top quality instruction and training to those whose chosen professions require a strong background in chemistry. This includes those whose specific interests are in making chemistry their career, as well as those whose interests lie in closely related areas.

Bill W. Ponder, Chair
Professors: R. Boxer, B. Ponder
Associate Professors: T. Deal, M. Hurst, C. Kellogg, R. Nelson, J. Orvis, N. Schmidt
Assistant Professors: P. Cerpovicz, J.D. Jenkins, J. LoBue, J. Orvis, J. Rice, C. Whitlock, B. Wojciechowski
Visiting Instructor: S. Glueckert

Department of Geology/Geography

The department strives to offer a balance of teaching, research, and service to the region served by the University, and beyond. Prominent geology programs exist in sea turtle ecology, coastal resource analysis, stratigraphy, decapod ecology and paleontology, palynology, vertebrate paleontology, mineralogy and petrology, and paleoecology and paleoclimatology.

Fredrick Rich, Chair
Professors: G. Bishop, D. Good, S. Hanson (Emeritus), J. Henry, F. Rich
Associate Professors: D. Battles, J. Darrell, R. Hulbert, K. Vance
Assistant Professors: P. Asher, S. Couch, C. Oyen, J. Reichard, M. Welford
Adjunct Assistant Professor: C. Alexander

Institute of Arthropodology and Parasitology

The Institute of Arthropodology and Parasitology (IAP) is an inter-departmental 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 D.C.

James H. Oliver, Director and Callaway Professor of Biology
Professors: J. Oliver, J. Keirans
Assistant Professor: L. Durden

Department of Mathematics and Computer Science

The primary interests of the Department of Mathematics and Computer Science are: mathematics, mathematics education, and computer science. The Department offers undergraduate degrees in both mathematics and computer science as well as an M.S. degree in mathematics. Concentrations in the M.S. degree program are available in applied math, statistics, and computer science. The Department also supports a very strong undergraduate B.S. Ed. degree in mathematics. The Department's Computer Science program is accredited by the Computer Science Accreditation Commission (CSAC) and is one of only three accredited Computer Science programs in Georgia.

The Department has fifty-seven full-time faculty members. Thirty-five of these are regular Mathematics and Computer Science faculty members while twenty-two are joint Mathematics and Learning Support faculty members.

Arthur G. Sparks, Chair

Professors: A. Barbour, C. Champ, J. Davenport, R. Hathaway, A. Pierce, J. Solomon, A. Sparks, D. Stone, N. Wells (Emeritus)
Associate Professors: M. Abell, M. Aulick, C. Christmas (Emeritus), Y. Hu, C. Kariotis, E. Lavender, X. Li, B. McLean, J. Rafter, L. Roberts, M. Smith (Emeritus), C. Xu
Assistant Professors: J. Braselton, R. Bogan, D. Brown, B. Carter, D. Evans, E. Funasaki, P. Hale, E. Hardy (Emerita), S. Lanier, G. Lesaja, C. Nessmith, J. O'Brien, D. Saye, C. Sikes, D. Stapleton, S. Taylor, J. Vargo, P. Watkins, R. Wells (Emerita), L. Yocco
Instructors: R. Abraham, S. Barrs, L. Braselton, J. Cason, E. Fisher, D. Gibson, C. Gonzalez, D. Heath, M. Hoy, L. Olszewski, G. Shoultz, M. Sikes
Temporary Instructors: D. Boykin, L. Bragg, J. Darley, W. Habegger, D. Hodges, S. McKinnon, B. Meisel, K. Milnor, A. Moore, L. Norton, B. Sparks
Part-Time Instructors: K. Barrs, D. Raith, J. Strozso

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 GSU also administers the programs at Armstrong Atlantic University and Savannah State Universities.

Brian K. Knox, Chair

Professor: B. Knox
Assistant Professor: R. West, J. Ritch
Instructors: I. Murray, S. Mullig, R. Smith

Department of Physics

The Department of Physics has 11 faculty, seven of whom are research faculty. There are currently seven different research projects in areas of Astronomy and Theoretic and Experimental Atomic Molecular and Optical Physics. Our goal is to continue to provide the best education to GSU students and to conduct state of the art research in Astronomy, Laser Physics, and Theoretical Physics.

Marvin G. Payne, Chair

Professors: M. Payne, B. Zellner, J. Zhang
Associate Professors: C. Dean, L. Deng, M. Edwards, W. Grant, V. Hassapis (Emeritus), C. Mobley (Emeritus), J. Rogers (Emeritus)
Assistant Professor: J. Hughes, X. Wang
Temporary Assistant Professor: L. Ma, B. Milbrath

School of Technology

The School of Technology consists of 32 faculty members from the former departments of Engineering Technology and Industrial Technology, and the Engineering Studies program. These areas have been combined into a cohesive unit with a focus on offering students a hands-on educational experience in a variety of technical and industrial disciplines including civil engineering technology, electrical engineering technology, mechanical engineering technology, industrial engineering technology, Bldg construction and contracting, printing management, apparel manufacturing, industrial management, and through the Engineering Studies program, an opportunity to complete the first two years of an engineering degree.

Phillip Waldrop, Director

Professors: M. Degyansky, K. Hickman (Emeritus), J. Holmes, G. Jones, J. Karrh, S. Laskin (Emeritus), J. Manring, W. Meeks, J. Wallace, S. Williams
Associate Professors: D. Armel, G. Clark, M. Davoud, L. Fine, R. Hanson, V. Kouch, C. Perry, R. Redderson, P. Waldrop, D. Williams
Assistant Professors: S. Altayeb, C. Beard, N. Das, G. Duncan, D. Lambert, H. Mortensen, S. Navaee, M. Ogle, C. Parrish-Woody, W. Zabel

Programs: Undergraduate

The Department of Biology offers a Bachelor of Science in Biology, a Bachelor of Arts in Biology, and a Bachelor of Science with a major in Biology.

The Department of Chemistry offers Bachelor of Science and Bachelor of Arts degrees.

The Department of Geology and Geography offers Bachelor of Science and Bachelor of Arts degrees.

The Department of Mathematics and Computer Science offers a Bachelor of Arts in Mathematics, a Bachelor of Science in Mathematics, a Bachelor of Science in Computer Science and a Bachelor of Science with a major in Mathematics.

The Department of Physics offers Bachelor of Arts and Bachelor of Science degrees.

The School of Technology offers Bachelor of Science degrees in: Civil Engineering Technology; Electrical Engineering Technology; Industrial Engineering Technology; Mechanical Engineering Technology; Construction; Manufacturing with a major in Apparel Manufacturing; Manufacturing with a major in Industrial Management; Printing Management; and the Bachelor of Applied Science degree. Through the Engineering Studies program, it is possible to complete the first two years of engineering education and transfer to Georgia Tech or other engineering schools.

Advisement

Students are assigned an academic advisor based on their proposed major and are advised in their assigned advisor's office. Undeclared majors are advised in the Academic Advisement Center. The advisor approves the student's schedule prior to registration each quarter. Final responsibility for meeting degree requirements rests upon 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.

Experiential Learning Opportunities

A Cooperative Education (co-op) Program is provided on an optional basis in all engineering studies and technology majors and in selected science, mathematics, and computer science majors. The co-op plan may be student, college, or industry initiated. Normally, students must have earned 30 quarter hours of credit toward their major, have a GPA of 2.5 or better, and be willing to participate in no less than two alternating co-op work assignments. Salaries and benefits are determined by the employer and normally increase as the program proceeds. Board and lodging are the responsibility of the student, but in many cases the employers provide assistance in locating suitable accommodations. Dormitory rooms and meal plans are available to students working near the campus.

Co-op students register for a designated Special Problems/Co-op course each quarter that they are on a work assignment. For technology and engineering studies majors engaged in a co-op program, this course is GT 499; students in other majors should refer to their advisor for the appropriate course designation. Co-op students in designated majors may receive one quarter hour credit each quarter they are on a work assignment. An S/U grade is assigned for each work quarter on the basis of the employer's evaluation only.

No commitment is made by either the student or employer for full-time employment upon completion of the co-op program. However, a company may offer career employment upon graduation.

BIOLOGY**B.S.B.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

BIO 161, 162 - General Biology I, II (10)

BIO 281 - General Zoology (5)

BIO 282 - General Botany (5)

GLY 151, 152 - General Physical Geology and General Historical Geology (10)

OR

PHY 251, and 252 or 253 - General College Physics (10)

OR

PHY 261, and 262 or 263 - General College Physics For Science, Engineering and Mathematics Students (10)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses 35-40 Hours

CHE 181, 182 - Chemical Structure and Properties and Chemical Reactivity (10)

CHE 377, 378 - Organic Chemistry I, II (10)

MAT 151 and 152 - College Algebra and Trigonometry (10)

OR

MAT 165 - Pre-Calculus Mathematics (5)

MAT 166 - Analytical Geometry and Calculus I (5)

OR

STA 476 or STA 477 - Statistical Methods I or II (5)

Major Courses 48 Hours

BIO 370 - Cell Structure and Function (5)

BIO 460 or 481 - Plant or Animal Physiology (5)

BIO 472 - Genetics (5)

BIO 473 - Principles of Ecology (5)

BIO 431 - Senior Seminar (3)

BIO Electives 300 level and above or CHE 586 - Biochemistry I (25)

Foreign Language- (Required) 5-10 Hours

FL 153 - Foreign language III (5)

OR

FL 151 and 152 of a language not taken in High School (10)

General Electives 25 Hours**Minor- (Optional) 20 Hours****ADVISEMENT:** Academic Advisement Center or Biology Faculty in the Allen E. Paulson College of Science and Technology, Biology Bldg., 681-5487**OTHER PROGRAM REQUIREMENTS:**

- No more than 60 hours of upper-division coursework in Biology may count toward the 190-hour minimum for graduation.
- Students who have earned credit for 30 hours of biology courses must have received credit for BIO 370, Cell Structure and Function, or must enroll in this course and receive credit for it before enrolling in any other biology courses.
- Students pursuing the B.S. in Biology must have an average of "C" or better for all Biology courses.

BIOLOGY MAJOR**B.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

CHE 171, 172 - Intro to General Chemistry and Intro to Organic Chemistry (10)

OR

CHE 181, 182 - Chemical Structure and Properties and Chemical Reactivity (10)

BIO 281 - General Zoology (5)

BIO 282 - General Botany (5)

FL 153 (5)

Choose one of the following:

CHE 183 - Applications of Structure and Reactivity (5)

GLY 151 - General Physical Geology (5)

PHY 251 - General College Physics I (5)

STA 255 - Statistics Using the Computer I (5)

FL 252 (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses 15-20 Hours

BIO 161, 162 - General Biology I, II (10)

MAT 151 and 152 - College Algebra and Trigonometry (10)

OR

MAT 165 - Pre-Calculus Mathematics (5)

Major Courses 43 Hours

BIO 370- Cell Structure and Function (5)

BIO 460 or 481- Plant or Animal Physiology (5)

BIO 472 - Genetics (5)

BIO 473 - Principles of Ecology (5)

BIO 431 - Senior Seminar (3)

BIO Electives 300 level and above (20)

Foreign Language- (Required) 5-10 Hours

FL 153 - Foreign Language III

OR

FL 151 and 152 of a language not taken in High School (10)

General Electives 50 Hours**Minor- (Optional)****ADVISEMENT:** Academic Advisement Center or Biology Faculty in the Allen E. Paulson College of Science and Technology, Biology Bldg., 681-5487**OTHER PROGRAM REQUIREMENTS:**

- No more than 60 hours of upper-division coursework in Biology may count toward the 190-hour minimum for graduation.
- Students who have earned credit for 30 hours of biology courses must have received credit for BIO 370, Cell Structure and Function, or must enroll in this course and receive credit for it before enrolling in any other biology courses.
- Students pursuing the B.S. degree with a Major in Biology must have an average of "C" or better for all Biology courses.

BIOLOGY**B.A.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 30 Hours**

BIO 161, 162 - General Biology I, II (10)

BIO 281 - General Zoology (5)

BIO 282 - General Botany (5)

GLY 151, 152 - General Physical Geology and General Historical Geology (10)

OR

PHY 251, and 252 or 253 - General College Physics (10)

OR

PHY 261, and 262 or 263 - General College Physics For Science, Engineering and Mathematics Students (10)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses 35-40 Hours

CHE 181, 182 - Chemical Structure and Properties and Chemical Reactivity (10)

CHE 377, 378 - Organic Chemistry I, II (10)

MAT 151 and 152 - College Algebra and Trigonometry (10)

OR

MAT 165 - Pre-Calculus Mathematics (5)

MAT 166 - Analytical Geometry and Calculus I (5)

OR

STA 476 or STA 477 - Statistical Methods I or II (5)

Major Courses 43 Hours

BIO 370 - Cell Structure and Function (5)

BIO 460 or 481 - Plant or Animal Physiology (5)

BIO 472 - Genetics (5)

BIO 473 - Principles of Ecology (5)

BIO 431 - Senior Seminar (3)

BIO Electives 300 level and above or

CHE 586 - Biochemistry I (20)

Foreign Language- (Required) 5-10 Hours

Foreign Language 252 - Intermediate Foreign Language (5)

General Electives 25 Hours**Minor- (Required) 20 Hours****ADVISEMENT:** Academic Advisement Center or Biology Faculty in the Allen E. Paulson College of Science and Technology, Biology Bldg., 681-5487**OTHER PROGRAM REQUIREMENTS:**

- No more than 60 hours of upper-division coursework in Biology may count toward the 190-hour minimum for graduation.
- Students who have earned credit for 30 hours of biology courses must have received credit for BIO 370, Cell Structure and Function, or must enroll in this course and receive credit for it before enrolling in any other biology courses
- Students pursuing the B.A. degree in Biology must have an average of "C" or better for all Biology courses.

CHEMISTRY**B.A.****190 HOURS***See page 25 for Core Curriculum Areas I-III required for all students***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV -- Courses Appropriate to Major 30 Hours**

PHY 251 or 261 - General College Physics / Lab (5)

PHY 252 or 262 - General College Physics / Lab (5)

PHY 253 or 263 - General College Physics / Lab (5)

CSC 555 - Data Management in Math and Science (5)

MAT 166 - Analytic Geometry and Calculus I (5)

MAT 167 - Analytic Geometry and Calculus II (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses 30 Hours

CHE 181 - Chemical Structure and Properties (5)

CHE 182 - Chemical Reactivity (5)

CHE 183 - Applications of Structure and Reactivity (5)

CHE 261 - Quantitative Analysis (5)

MAT 166 - Analytic Geometry and Calculus I (5)

MAT 167 - Analytic Geometry and Calculus II (5)

Major Courses 30 Hours

CHE 362 - Instrumental Analysis I (5)

CHE 363 - Instrumental Analysis II (5)

CHE 371, 372, 373 - Organic Chemistry (15) OR

CHE 377, 378 - Organic Chemistry (10)

CHE 521 - Chemical Literature (2)

Plus additional Chemistry courses, numbered 300 and above, approved by advisor to total 30 hours minimum.

Foreign Language: Completion of the fourth course (Intermediate) 10 - 20 Hours**Minor - Required 20 Hours**

Must be approved by advisor

ADVISEMENT: Department of Chemistry, Herty Bldg, 681-5681**PROGRAM ADMISSION CRITERIA:**

- Students who wish to change their major to chemistry must have an adjusted GPA of 2.0 or better in all course work completed at Georgia Southern.
- Transfer students from other institutions who wish to major in chemistry must have a grade point average of 2.0 or better on all credit hours attempted at other institutions as well as those hours attempted at Georgia Southern.

OTHER PROGRAM REQUIREMENTS:

- Majors must earn a minimum grade of "C" in each chemistry course numbered below 500 which applies toward graduation.
- Majors who must repeat the same chemistry course more than twice to receive a grade of "C" will no longer be considered a chemistry major and will not be readmitted as a chemistry major.

CHEMISTRY**B.S.****190 HOURS***See page 25 for Core Curriculum Areas I-III required for all students***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to Major 30 Hours**

MAT 166 - Analytic Geometry and Calculus I (5)

MAT 167 - Analytic Geometry and Calculus II (5)

CSC 555 - Data Management in Math and Science (5)

PHY 251 or 261 - General College Physics / Lab (5)

PHY 252 or 262 - General College Physics / Lab (5)

PHY 253 or 263 - General College Physics / Lab (5)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses 50 Hours

CHE 181 - Chemical Structure and Properties (5)

CHE 182 - Chemical Reactivity (5)

CHE 183 - Applications of Structure and Reactivity (5)

CHE 261 - Quantitative Analysis (5)

MAT 166 - Analytic Geometry and Calculus I (5)

MAT 167 - Analytic Geometry and Calculus II (5)

CSC 555 - Data Management in Math and Science (5)

PHY 251 or 261 - General College Physics / Lab (5)

PHY 252 or 262 - General College Physics / Lab (5)

PHY 253 or 263 - General College Physics / Lab (5)

Major Courses 57 Hours

CHE 362 - Instrumental Analysis I (5)

CHE 363 - Instrumental Analysis II (5)

CHE 371, 372, 373 - Organic Chemistry (15)

CHE 521 - Chemical Literature (2)

CHE 554 - Advanced Inorganic Chemistry (5)

CHE 581, 582, 583 - Physical Chemistry (15)

Additional Chemistry courses, numbered 300 and above, approved by advisor to total 57 hours minimum.

Foreign Language: Completion of Level III 05 - 10 Hours

(French, German, Russian or Spanish recommended)

Minor - Optional 20 Hours

Must be approved by advisor

ADVISEMENT: Department of Chemistry, Herty Bldg, 681-5681**PROGRAM ADMISSION CRITERIA:**

- Students who wish to change their major to chemistry must have an adjusted GPA of 2.0 or better in all course work completed at Georgia Southern.
- Transfer students from other institutions who wish to major in chemistry must have a GPA of 2.0 or better on all credit hours attempted at other institutions as well as those hours attempted at Georgia Southern.

OTHER PROGRAM REQUIREMENTS:

- Majors must earn a minimum grade of "C" in each chemistry course numbered below 500 which applies toward graduation.
- Majors who must repeat the same chemistry course more than twice to receive a grade of "C" will no longer be considered a chemistry major and will not be readmitted as a chemistry major.

CHEMISTRY	B.S. IN CHEMISTRY (ACS)*	190 HOURS
<i>See page 25 for Core Curriculum Areas I-III required for all students</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to Major		30 Hours
PHY 261 - General College Physics / Lab (5)		
PHY 262 - General College Physics / Lab (5)		
PHY 263 - General College Physics / Lab (5)		
CSC 555 - Data Management in Math and Science (5)		
MAT 166 - Analytic Geometry and Calculus I (5)		
MAT 167 - Analytic Geometry and Calculus II (5)		
Health and Physical Activities		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Activities (4)		
Specifically Required Courses		60 Hours
CHE 181 - Chemical Structure and Properties (5)		
CHE 182 - Chemical Reactivity (5)		
CHE 183 - Applications of Structure and Reactivity (5)		
CHE 261 - Quantitative Analysis (5)		
MAT 166 - Analytic Geometry and Calculus I (5)		
MAT 167 - Analytic Geometry and Calculus II (5)		
MAT 264 - Calculus III (5)		
MAT 265 - Calculus IV (5) or		
MAT 350 - Differential Equations (5)		
CSC 555 - Data Management in Math and Science (5)		
PHY 261 - General College Physics / Lab (5)		
PHY 262 - General College Physics / Lab (5)		
PHY 263 - General College Physics / Lab (5)		
Major Courses		57 Hours
CHE 362 - Instrumental Analysis I (5)		
CHE 363 - Instrumental Analysis II (5)		
CHE 371, 372, 373 - Organic Chemistry (15)		
CHE 521 - Chemical Literature (2)		
CHE 554 - Advanced Inorganic Chemistry (5)		
CHE 581, 582, 583 - Physical Chemistry (15)		
Plus additional Chemistry courses, numbered 300 and above, approved by advisor to total 57 hours minimum.		
Foreign Language: Completion of Level III		05 - 10 Hours
(French, German, Russian or Spanish recommended)		
Minor		20 Hours
Optional, must be approved by advisor		
ADVISEMENT: Department of Chemistry, Herty Bldg, 681-5681		
PROGRAM ADMISSION CRITERIA:		
<ul style="list-style-type: none"> • Students who wish to change their major to chemistry must have an adjusted GPA of 2.0 or better in all course work completed at Georgia Southern. • Transfer students from other institutions who wish to major in chemistry must have a GPA of 2.0 or better on all credit hours attempted at other institutions as well as those hours attempted at Georgia Southern. 		
OTHER PROGRAM REQUIREMENTS:		
<ul style="list-style-type: none"> • Majors must earn a minimum grade of "C" in each chemistry course numbered below 500 which applies toward graduation. • Majors who must repeat the same chemistry course more than twice to receive a grade of "C" will no longer be considered a chemistry major and will not be readmitted as a chemistry major. 		

* Certified by the American Chemical Society and recommended for students who wish to become professional chemists.

GEOLOGY**B.A.****191 HOURS**

See Page 25 for Core Curriculum, Areas I-III, required of all students.

Area I -- Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to the Major 30 Hours

BIO 151 - General Biology (5)

CHE 181 - Inorganic Chemistry I (5)

CHE 182 - Inorganic Chemistry II (5)

FL 151 - Foreign Language Elementary I (5)

FL 152 - Foreign Language Elementary II (5)

FL 153 - Foreign Language Elementary III (5)

FL 252 - Foreign Language Intermediate (5)

(Incoming students with 2 years of high school Foreign Language must start with FL 153 if it is the same language taken in high school.)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses 20 Hours

GLY 151 - Physical Geology (5)

GLY 152 - Historical Geology (5)

MAT 151 - Algebra (5)

MAT 152 - Trigonometry (5) or MAT 165 substituted for 151 & 152

Major Courses 30 Hours

Choose 30 hours of approved upper division geology courses from the following:

GLY 321 - Basic Scientific Photography (2)

GLY 351 - Elementary Crystallography and Mineralogy (5)

GLY 352 - Optical Mineralogy (5)

GLY 353 - Petrology and Petrography (5)

GLY 355 - Field Methods in Geology (5)

GLY 421, 422, 423 - Museum Methods in Geology (2)

GLY 451 - Invertebrate Paleontology (5)

GLY 452 - Stratigraphy (5)

GLY 453 - Structural Geology (5)

GLY 459 - Sedimentation (5)

GLY 551 - Geochemistry (3)

GLY 552 - Vertebrate Paleontology (5)

GLY 555 - Earth Science (5)

GLY 562 - General Oceanography (5)

GLY 571 - Geomorphology (5)

Foreign Language - Required 10 Hours

Electives 44 Hours

Minor - Required 20 Hours

20 hours of approved upper division course in one discipline.

ADVISEMENT: Dr. James H. Darrell, Department of Geology and Geography, Herty Bldg, Room 1100, 681-5361.

OTHER PROGRAM REQUIREMENTS:

- No more than 45 hours of upper-division coursework in the geology major may count toward the 191-hour minimum for graduation.

GEOLOGY**B.S.****191 HOURS**

See Page 25 for Core Curriculum, Areas I-III, required of all students.

Area I -- Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural Sciences	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours

CHE 181 - Inorganic Chemistry I (5)
 CHE 182 - Inorganic Chemistry II (5)
 CHE 183 - Inorganic Chemistry III (5)
 PHY 251 - General Physics (5)
 PHY 252 - Heat/Light/Sound (5)
 PHY 253 Electricity/Magnetism (5)

Health and Physical Activities	7 Hours
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HTH 131 - Personal Health Promotion (3)
 KIN - Physical Activities (4)

Specifically Required Courses	35 Hours
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BIO 151 - General Biology (5)
 GLY 151 - Physical Geology (5)
 GLY 152 - Historical Geology (5)
 MAT 151 - Algebra (5)
 MAT 152 - Trigonometry (5) or MAT 165 substituted for 151 & 152
 MAT 166 - Calculus I (5)
 MAT 167 - Calculus II (5)

Major Courses	44 Hours
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GLY 351 - Crystallography/Mineralogy (5)
 GLY 352 - Optical Mineralogy (5)
 GLY 353 - Petrology & Petrography (5)
 GLY 355 - Field Methods (5)
 GLY 411 - Intro to Research (1)
 GLY 451 - Invertebrate Paleontology (5)
 GLY 452 - Stratigraphy (5)
 GLY 453 - Structural Geology (5)
 GLY 459 - Sedimentation (5)
 GLY 494 - Selected Problems in Geology (2)
 GLY 512 - Seminar in Geology (1)

Foreign Language - Required	5-10 Hours
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FL 151 - Foreign Language Elementary I (5)
 FL 152 - Foreign Language Elementary II (5)
 FL 153 - Foreign Language Elementary III (5)

(Incoming students with 2 years of high school Foreign Language must start with FL 153 if it is the same language taken in high school.)

Electives	20 Hours
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Minor - Optional

ADVISEMENT: Dr. James H. Darrell, Department of Geology and Geography, Herty Bldg, Room 1100, 681-5361.

OTHER PROGRAM REQUIREMENTS:

- No more than 60 hours of upper-division coursework in the geology major may count toward the 191-hour minimum for graduation.

COMPUTER SCIENCE**B.S.****190 HOURS**

See page 25 for standard Core Curriculum, Areas I-III, required of all students.

Area I - Humanities and Fine Arts 20 hours

Area II - Mathematics and Natural Sciences 20 hours

Area III - Social Science 20 hours

Area IV - Courses Appropriate to the Major 30 hours

MAT 167 - Analytic Geometry and Calculus II (5)

MAT 264 - Calculus III (5)

MAT 251 - Discrete Math for Computer Science (5)

CSC 281 - Principles of Computer Programming I (5)

CSC 283 - Principles of Computer Programming II (5)

CSC 285 - File Processing (5)

Health and Physical Education Activity 7 hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specific Requirements 10 hours

Foreign Language (5)

Third course in CPC Language. (If the student chooses to take the first two courses in a different language, the second course would count as an elective.)

Additional Science (5)

Additional five hours of science approved by advisor.

Major Courses 63 hours

MAT 220 - Applications of Linear Algebra (2)

MAT 334 - Intro to Linear Algebra (3)

MAT 338 - Intro to Probability (3)

STA 476 - Statistical Methods I (5)

CSC 351 - Theoretical Foundations of Computer Science (5)

CSC 364 - Data Structures (5)

CSC 385 - Assembler Language Programming (5)

CSC 453 - Theory of Programming Languages (5)

CSC 482 - Operating Systems (5)

CSC 483 - Computer Architecture (5)

CSC 487 - Database Systems (5)

CSC 568 - Software Engineering (5)

Two additional upper division computer science courses approved by advisor. (10)

Approved Electives 20 hours

Minor - optional

ADVISEMENT: Math/Physics/Psychology Bldg, Room 3008.

PROGRAM ADMISSION REQUIREMENTS:

- A student must have completed CSC 283 (Programming Principles II) with a grade of “C” or above in order to be accepted as a major in Computer Science.
- A student declaring an intent to major in Computer Science but who has not yet completed CSC 283 with a grade of “C” or above will be declared a “pre-Computer Science” major.

OTHER PROGRAM REQUIREMENTS:

- A grade of “C” or above is required for credit on each CSC, MAT, STA course taken in the major. This applies to all courses (lower and upper-division).
- In Area II, Mat 166 - Analytic Geometry (5) and Calculus I (5) are required. A fifteen - hour lab science sequence is also required. All of these courses can be taken in Area II. Any of these courses not taken in Area II must count as electives.

MATHEMATICS

B.S.

190 HOURS

See page 25 for standard Core Curriculum, Areas I-III, required of all students.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to the Major 30 Hours

- MAT 166 - Analytic Geometry and Calculus I (5)
- MAT 167 - Analytic Geometry and Calculus II (5)
- MAT 264 - Calculus III (5)
- MAT 265 - Calculus IV (5)
- MAT 220 - Applications of Linear Algebra (2)
- MAT 230 - Intro to BASIC Programming (3)

Foreign Language (5) Third course in CPC Language. (If the student chooses to take first two courses in a different language, the second course would be an elective.)

Health and Physical Education Activity 7 Hours

- HTH 131 - Personal Health Promotion (3)
- KIN - Physical Activities (4)

Specifically Required Courses 10 Hours

Ten hours in science at the 200-level or above in addition to the science taken in the Area II of Core.

Major Courses 44 Hours

- MAT 320 - Set and Set Operations (2)
- MAT 330 - Intro to Analysis (3)
- MAT 332 - Intro to Modern Algebra (3)
- MAT 334 - Intro to Linear Algebra (3)
- MAT 338 - Intro to Probability (3)
- MAT 350 - Differential Equations (5)

Twenty-five additional hours from upper-division courses approved by advisor.

Approved Electives 39 Hours

Minor (optional) 20 Hours

ADVISEMENT: Math/Physics/Psychology Bldg, Room 3008.

OTHER PROGRAM REQUIREMENTS:

- A grade of “C” or above is required for credit on each Computer Science, Math, and Statistics course taken in the major. This applies to all courses (lower and upper division).

MATHEMATICS	B.S.M.	190 HOURS
EMPHASIS IN COMPUTER SCIENCE (OPTIONAL)		63 - 68 HOURS
<i>See page 25 for standard Core Curriculum, Areas I-III, required of all students.</i>		
Area I - Humanities and Fine Arts		20 Hours
Area II - Mathematics and Natural Sciences		20 Hours
Area III - Social Science		20 Hours
Area IV - Courses Appropriate to the Major		30 Hours
MAT 166 - Analytic Geometry and Calculus I (5)		
MAT 167 - Analytic Geometry and Calculus II (5)		
MAT 264 - Calculus III (5)		
MAT 265 - Calculus IV (5)		
CSC 281 - Principles of Computer Programming I (5)		
CSC 283 - Principles of Computer Programming II (5)		
Health and Physical Education Activity		7 Hours
HTH 131 - Personal Health Promotion (3)		
KIN - Physical Education Activity (4)		
Specifically Required Courses		66 - 71 Hours
Foreign Language (First course in CPC Language or first two courses in a different language. (5-10)		
MAT 220 - Applications of Linear Algebra (2)		
MAT 320 - Sets and Set Operations (2)		
MAT 330 - Intro to Analysis (3)		
MAT 332 - Intro to Modern Algebra (3)		
MAT 334 - Intro to Linear Algebra (3)		
MAT 338 - Intro to Probability (3)		
MAT 350 - Differential Equations (5)		
MAT 452 - Linear Programming (5)		
MAT 454 - Mathematical Models and Applications (5)		
STA 476 - Statistical Methods I (5)		
STA 477 - Statistical Methods II (5)		
CSC 480 - Applied Numerical Methods (5)		
An additional 15 hours in mathematics from upper-division offerings approved by advisor.		
Approved Electives		22-27 Hours
Minor (optional)		20 Hours

In addition to the major in mathematics offered under this degree, the student may choose an emphasis in computer science.

EMPHASIS IN COMPUTER SCIENCE **63 - 68 Hours**

For the emphasis in computer science, the specific requirements and elective hours are as follows:

- Foreign Language (5 - 10)
- MAT 220 - Applications of Linear Algebra (2)
- MAT 251 - Discrete Math for Computer Science (5)
- MAT 334 - Intro to Linear Algebra (3)
- MAT 338 - Intro to Probability (3)
- MAT 454 - Mathematical Models and Applications (5)
- MAT 480 - Applied Numerical Methods (5)
- STA 476 - Statistical Methods I (5)
- STA 477 - Statistical Methods II (5)
- CSC 351 - Theoretical Foundations of Computer Science (5)
- CSC 364 - Data Structures (5)
- CSC 385 - Assembler Language Programming (5)

An additional 10 hours in Mathematics or Computer Science from upper-division offerings approved by advisor.

Approved Electives

ADVICE: Math/Physics/Psychology Bldg, Room 3008.

OTHER PROGRAM REQUIREMENTS:

- A grade of "C" or above is required for credit on each Computer Science, Math, and Statistics course taken in the major. This applies to all courses (lower and upper division).

MILITARY SCIENCE

NON-DEGREE

29 HOURS

Army Reserve Officers' Training Corps (ROTC)

All students entering Military Science courses should have a statement from a physician attesting that the student is capable of participating in strenuous physical activities. This statement must be no more than one year old from time of entry. Coordination for an appointment may be made through the Military Science Department if the student cannot obtain one from his or her personal physician.

See page 25 for Core Curriculum, Areas I-IV, required for all students.

- Area I - Humanities and Fine Arts 20 Hours**
- Area II - Mathematics and Natural Sciences 20 Hours**
- Area III - Social Science 20 Hours**
- Area IV - Courses Appropriate to the Major 30 Hours**

Health and Physical Activities

Students enrolled in 300 and 400 level courses are required to participate in physical education 3 hours a week as part of those courses.

Specifically Required Courses - Basic Course Credit 5 - 6 Hours

Students may take six 1-hour courses or Basic Military Skills Practicum (5 hours)

- MS 101 - Intro to Mountaineering (1)
- MS 102 - Intro to Military Science (1)
- MS 104 - Intro to Marksmanship (1)
- MS 201 - Land Navigation/Map Reading (1)
- MS 202 - Individual Military Skills (1)
- MS 203 - Basic Tactics (1)

OR

- MS 250 - Basic Military Skills Practicum (5)

See next page for other options for completing the Basic Course.

Major Courses - Advanced Course Credit 23 Hours

- MS 334 - Advanced Tactics (3) MS
- 335 - Advanced Tactics II (3) MS
- 336 - Advanced Leadership (3)
- MS 350 - Advanced Military Skills Practicum (5)
- MS 434 - Command and Staff Operations (3)
- MS 435 - Leadership and Management (3)
- MS 436 - Transition to Lieutenant (3)

ADVISEMENT: Department of Military Science, Military Science Bldg. 681-5320.

PROGRAM ADMISSION CRITERIA: The Basic Course enrollment is open to all medically qualified college students. Advanced Course enrollment is restricted to qualified students who have met the Basic Course requirements. Army Regulation and medical requirements must be met for the 300 and 400 level courses. See advanced course eligibility requirements.

OTHER PROGRAM REQUIREMENTS:

- Basic Computer Literacy
- Written and Oral Communication Skills
- Military History

U.S. ARMY RESERVE OFFICER TRAINING PROGRAM

The Department of Military Science is a Senior Division Reserve Officer Training Corps (ROTC) Instructor Group staffed by Regular Army personnel. The department provides a curriculum that qualifies the college graduate for a commission as an officer in the U.S. Army, U.S. Army Reserve or the Army National Guard. Enrollment is open to all students who are eligible to pursue a commission in the U.S. Army. The Reserve Officer Training Corps program is designed to provide students with the knowledge and practical experience in leadership and management that will be useful in any facet of society. Additionally, each student is provided a working knowledge of the organization and functioning of the Department of Defense and the role of the U.S. Army in national security and world affairs.

The Reserve Officer Training Corps program is divided into two main phases: the basic course, which is normally pursued during the freshman and sophomore years, and the advanced course, which is taken during the junior and senior years.

Basic Course

The Military Science Basic Course teaches the organization and roles of the U.S. Army and introduces essential background knowledge of customs and traditions, leadership, map reading, small unit organization, and marksmanship. These courses have the objective of developing the student's leadership, confidence, self-discipline, integrity, and sense of responsibility. There is no obligation to continue in Reserve Officer Training Corps as a result of taking any Basic Course classes. However, the Basic Course classes need to be taken to qualify for entrance into the advanced program. If all the basic course classes are not taken, the student may elect to attend Camp Challenge to qualify for the advanced program. (See Two-Year Program versus the Four-Year Program.)

Advanced Course

The Military Science Advanced Course is taken during the junior and senior years. Students learn land navigation, communications, small unit tactics, patrolling, military management, staff operations, logistics, army administration, military law, ethics, and professionalism. Additionally, students must satisfy Professional Military Education (PME) requirements with courses in the following areas: communication skills, computer literacy, and Military history (one five hour course each). Courses mentioned above, taken in pursuit of your degree, will satisfy these PME requirements (e.g. ENG 151 Written Communications Skills). Students must meet eligibility requirements and sign a contract for commissioning with the U.S. Army.

The general objective of these courses is to produce junior officers who, by education, training, attitude, and inherent qualities, will be the future officer leadership of the U.S. Army, U.S. Army Reserve or the Army National Guard.

Advanced Summer Camp

Students contracting to pursue the advanced course are required to attend advanced summer camp, normally between their junior and senior academic years. Students attending this camp are paid and given travel allowance from their home to camp and back. Advance Camp can count for 5 general elective credits.

Eligibility for Advanced Course Enrollment

For selection and retention in the advanced course, a student must have completed the basic course or received placement credit for the basic course (see paragraph below). The contracting student must be physically qualified, be an academic junior, have a GPA of 2.0 or better, and must demonstrate a potential for further leadership development.

Generally, veterans, JROTC graduates (with at least three years of high school JROTC), and students who have completed military science courses in military preparatory schools and junior colleges are eligible for advanced placement. The entire basic course may be credited. The amount of credit to be awarded is at the discretion of the Professor of Military Science.

Completion of or placement credit for the basic course is a prerequisite for admission into the advanced course.

Students who are given placement credit for any portion of the basic course must be academically aligned as a junior (90-130 quarter hours) in order to contract into the advanced course.

Two Year Program Versus the Four Year Program

The Reserve Officer Training Corps program is designed as a 4-year course of study. However, students who are not eligible for advanced placement and who have not completed the basic course program may still become qualified for the advanced program. They must satisfactorily complete a basic summer camp, of six weeks duration, during the summer between their sophomore and junior years. Students attending this basic camp (Camp Challenge) at a regular Army post are paid and given a travel allowance from their home to camp and return. Basic Camp can count for 5 general credits.

Obligation

There is no obligation for participating in the basic course. Prior to admittance in the advanced course the student agrees to complete the advanced course and to accept a commission. The options as to the obligations after commissioning are numerous and varied. Those offered a Reserve commission with active duty incur a three- or four-year obligation. Other options include Guaranteed Reserve Forces Duty, which calls for three months to one year on active duty at an officer's basic course and 8 years service (monthly week-end drills and two weeks annual training with the United States Army Reserve or National Guard). Another option is the Individual Ready Reserve, which requires attendance at the officer's basic course, but not active duty, United States Army Reserve, or National Guard service. Graduate delay programs are also available.

Financial Assistance

All contracted cadets are paid a subsistence allowance of \$150 per month (for up to 10 months per year) while enrolled in the advanced course. This amounts to \$3,700 when including advanced camp payment.

Scholarship Program

Each year the U.S. Army awards two-three-and four-year scholarships to outstanding young men and women participating in the Army Reserve Officer Training Corps program who desire careers as Army officers. In most cases, the Army pays the tuition and fees incurred by the scholarship student. In addition they receive \$450 per year for books and \$150 per month (for up to 10 months per year) for the academic year. Based on a National Order of Merit ranking, scholarships are awarded in the amount of \$5,000, \$9,000, or \$12,800 per year. Individuals desiring to compete for these scholarships should apply to the Army Military Science Department at Georgia Southern University between October 1st and January 31st.

Some students who are enrolled in highly technical academic discipline programs and who qualify for Reserve Officers Training Corps scholarship benefits may be required to take an academic course load that will necessitate more than four academic years of study prior to graduation. It is possible to extend the Army Scholarship benefit to cover this additional period. ROTC students successfully completing Advanced Camp may compete for Civilian Sponsored Scholarships awarded during their senior year. National winners receive \$1,500 and Regional winners receive \$1,000 during their senior year. Contact the Georgia Southern University, Department of Military Science at (912) 681-5320 for further information.

Army Reserve Officers Training Corps Uniform, Books, and Supplies

Students enrolling in the Army ROTC program will be issued U.S. Army uniforms, military books and supplies by the Military Science Department. Uniforms must be returned before commissioning or upon disenrollment from the Reserve Officers Training Corps program.

PHYSICS**B.A.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural sciences	20 Hours
Area III - Social Sciences	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours

Choose from the following:

PHY 261, PHY 262 & PHY 263 - General College Physics for Science, Engineering and Math students (15)

MAT 166 - Analytic Geometry and Calculus I (5)

MAT 167 - Analytic Geometry and Calculus II (5)

MAT 264 - Calculus III (5)

MAT 265 - Calculus IV (5)

CHE 181 - Chemical Structure and Properties (5)

CHE 182 - Chemical Reactivity (5)

Health and Physical Education Activity **7 Hours**

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Major Courses **30 Hours**

Thirty hours of upper-level physics courses from the following list, approved by advisor:

PHY 399 - Selected Topics in Physics (varies)

PHY 451 - Intermediate Modern Physics (5)

PHY 452, 453 - Electronics (5 each)

PHY 456 - Studies in Physics for Secondary Teachers (5)

PHY 457- Meteorology and Weather Forecasting (5)

PHY 458 - Physical Astronomy (5)

PHY 459 - Sound Waves and Acoustics (5)

PHY 461 - Optics (5)

PHY 464 - Lasers and Their Applications (5)

PHY 468 - Applied Mathematics (5)

PHY 553 - Heat and Thermodynamics (5)

PHY 556 - Special Theory of Relativity (5)

PHY 557 - Intro to Quantum Mechanics (5)

PHY 559 - Solid State Physics (5)

PHY 561, 562, 563 - Fundamentals of Classical Physics (5 each)

PHY 571 - Intro to Biophysics (5)

PHY 590 - Directed Study in Physics (varies)

PHY 599 - Selected Topics in Physics (varies)

Electives **23 Hours****Foreign Language - Required** **10-20 Hours****Minor - Required. Must be approved by advisor** **20 Hours****ADVISEMENT:** Department of Physics, Math-Physics-Psychology Bldg, 681-5292

PHYSICS**B.S.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities and Fine Arts	20 Hours
Area II - Mathematics and Natural sciences	20 Hours
Area III - Social Sciences	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours

Choose from the following:

PHY 261, 262 & 263 -- General College Physics for Science, Engineering and Math students (15)

MAT 166 - Analytic Geometry and Calculus I (5)

MAT 167 - Analytic Geometry and Calculus II (5)

MAT 264 - Calculus III (5)

MAT 265 - Calculus IV (5)

CHE 181 - Chemical Structure and Properties (5)

CHE 182 - Chemical Reactivity (5)

Health and Physical Education Activity **7 Hours**

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses **7 - 10 Hours**

MAT 350 - Differential Equations (5)

One computer programming course (3-5)

Major Courses **40 Hours**

PHY 451 - Intermediate Modern Physics (5)

PHY 557 - Intro to Quantum Mechanics (5)

PHY 561, 562, 563 - Fundamentals of Classical Physics (15)

Choose 15 hours of upper level Physics courses from the following list, approved by advisor:

PHY 399 - Selected Topics in Physics (varies)

PHY 452, 453 - Electronics (5 each)

PHY 456 - Studies in Physics for Secondary Teachers (5)

PHY 457- Meteorology and Weather Forecasting (5)

PHY 458 - Physical Astronomy (5)

PHY 459 - Sound Waves and Acoustics (5)

PHY 461 - Optics (5)

PHY 464 - Lasers and Their Applications (5)

PHY 468 - Applied Mathematics (5)

PHY 553 - Heat and Thermodynamics (5)

PHY 556 - Special Theory of Relativity (5)

PHY 559 - Solid State Physics (5)

PHY 571 - Intro to Biophysics (5)

PHY 590 - Directed Study in Physics (varies)

PHY 599 - Selected Topics in Physics (varies)

Electives **33 Hours****Foreign Language - Required** **10-20 Hours****Minor - Optional****ADVISEMENT:** Department of Physics, Math-Physics-Psychology Bldg, 681-5292

ENGINEERING STUDIES TRANSFER PROGRAM (NON-DEGREE)	HOURS VARY
COURSE REQUIREMENTS FOR ALL ENGINEERING MAJOR FIELDS*:	
Area I - Humanities and Fine Arts	10 Hours
ENG 151 - English Composition I (5)	
ENG 152 - English Composition II (5)	
Area II - Mathematics and Natural Sciences	20 Hours
CHE 181 - Chemical Structure and Properties (5)	
CHE 182 - Chemical Reactivity (5)	
MAT 166 - Calculus I (5)	
MAT 167 - Calculus II (5)	
Area III - Social Science	10 Hours
HIS 252 or 253 - U.S. History I or II (5)	
PSC 250 - American Government (5)	
Area IV - Courses Appropriate to the Major	30 Hours
MAT 264 - Calculus III (5)	
MAT 265 - Calculus IV (5)	
MAT 350 - Differential Equations (5)	
PHY 261, 262, 263 - General College Physics I,II, and III (15)	

* Engineering Studies Transfer Students complete Area I and III after transferring to Georgia Tech or some other engineering school.

OTHER COURSES REQUIRED FOR ALL FIELDS OF ENGINEERING:

- EGR 110 - Freshman Engineering Seminar (1)
- EGR 130 - Intro to Engineering (3)
- EGR 142 - Intro to Computing For Engineers (4)
- EGR 251 - Engineering Mechanics I: Statics (5)
- MAT 249 - Calculus V (Georgia Tech transfers only) (4)

COURSES REQUIRED FOR SPECIFIC FIELDS OF ENGINEERING:

KEY: A = Aerospace, Ag = Agricultural, B = Biological (Biomedical), C = Civil, Ch = Chemical, Cp = Computer, E = Electrical, I = Industrial, M = Mechanical, Mt = Materials, N = Nuclear, T = Textiles, U = Undecided.

- CHE 371, 372, 373 - Organic Chemistry I,II,III (Ch) (15)
- CSC 232 - Intro to FORTRAN Programming (A,Ag,C,Ch,M,Mt,N,T,U) (3)
- CSC 281 - Principles of Computer Programming I (B,Cp,E,I) (5)
- EGR 141 - Engineering Graphics (A,Ag,G,C,Ch,I,M,Mt,N,T,U) (4)
- EGR 143 - Computer & Digital Design Fundamentals (Cp,E) (4)
- EGR 252 - Engineering Mechanics II: Dynamics (A,Ag,B,C,E,I,M,Mt,N,T,U) (5)
- EGR 341, 342 - Elements of Electrical Engineering I,II (Cp,E) (8)
- EGR 350 - Thermodynamics I (A,Ag,B,I,M,N,T,U) (5)
- EGR 353 - Mechanics of Deformable Bodies (A,Ag,C,M,Mt,N,T,U) (5)

SUGGESTED ENGINEERING STUDIES COURSE SEQUENCE:

1st Year

Fall: CHE 181, ENG 151, MAT 166, EGR 130, EGR 110

Winter: CHE 182, ENG 152, MAT 167, EGR 142

Spring:PHY 261, HIS 252 or 253, MAT 264, EGR 141or 143 (Cp,E)

2nd Year

Fall: MAT 265, PHY 262 or 263 (Cp,E), CSC 232 or 281 (Cp,E,I), EGR Major Course, EGR Major Course

Winter: MAT 249, PHY 263 or 262, EGR Major Course, SEGR Major Course

Spring:MAT 350, PSC 250, EGR Major Course

(Continued on next page)

ENGINEERING STUDIES TRANSFER PROGRAM**(Continued)**

ADVISEMENT: Engineering Studies Office, 1007 Carruth Bldg, 871-1010. Students should obtain a copy of “The Engineering Studies Program Handout” for a complete description of the program.

PROGRAM ADMISSION CRITERIA:**A. Incoming Freshmen.**

Incoming freshmen who request a major of Engineering studies are initially placed in the Two-Plus Engineering Transfer major unless they are placed in Learning Support. Learning Support engineering majors should be advised by the engineering faculty in addition to the Learning Support faculty. If incoming freshmen Two-Plus majors meet the more rigorous standards for the Regents Engineering Transfer Program (See below), they will be reclassified as RETP majors upon enrollment at GSU. Those not meeting the RETP criteria will remain as Two-Plus majors. However, they may earn RETP status by their performance at GSU as outlined below. The RETP is only for Georgia residents who plan on attending Georgia Tech to complete the engineering degree.

Regents Engineering Transfer Program Requirements:

Category 1. All Engineering Studies majors who have minimum scores of 530 verbal and 560 math on the SAT and have a high school grade point average of 3.00/4.00 in academic subjects as recalculated by the Georgia Southern University Admission Office will be classified as RETP students upon enrolling at Georgia Southern. Students may not retake the test after enrolling at GSU.

Category 2. Engineering Studies Two-Plus majors who do not meet the standards of Category 1 may earn RETP classification by obtaining grades of B or better in CHE 181, CHE 182, MAT 166, and MAT 167 with a minimum cumulative grade point average of 3.00/4.00. Students must request this change of classification from the Coordinator of The Engineering Studies Program.

Category 3. Engineering studies Two-Plus majors who do not satisfy the requirements of Category 1 or 2 may still be admitted to Georgia Tech (at the discretion of the Georgia Tech RETP coordinator) by completing the required RETP course of study for their major field of engineering and attaining a cumulative grade point average of 2.50/4.00 or better in this curriculum.

B. Current Georgia Southern University Students and Incoming Transfer Students From Other Institutions.

In order to be accepted into The Engineering Studies Transfer Program, the student must have an adjusted grade point average of 2.50/4.00 at Georgia Southern University or at their previous institution in the case of a transfer student. However, students will be advised that a minimum cumulative grade point average of 2.50/4.00 is required in order to transfer to Georgia Tech and most other engineering school.

OTHER PROGRAM REQUIREMENTS:

- In order to transfer to Georgia Tech, Georgia residents must complete the required course of study for their specific major field of engineering with a minimum cumulative grade point average of 2.50 or better.
- Non-Georgia residents will require a higher grade point average which depends on the particular major field of engineering.
- For other engineering schools, the admission requirements vary considerably. Students should see the Coordinator of the Engineering Studies Program for more detailed information about other schools.

CIVIL ENGINEERING TECHNOLOGY

B.S.C.E.T.

190 HOURS

See page 25 for Core Curriculum, Areas I-III, required of all students.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to Major 30 Hours

- TD 130 - Technical Drafting (3)
- TD 220 - Computer Drafting (2)
- MAT 166 & 167 - Analytic Geometry and Calculus I and II (10)
- ES 251 - Statics (5)
- ES 252 - Dynamics (5)
- ES 253 - Strength of Materials (5)

Health and Physical Activities 7 Hours

- HTH 131 - Personal Health Promotion (3)
- KIN - Physical Activities (4)

Specifically Required Courses 35 Hours

- CHE 171 - General Chemistry/Lab (5)
- ES 121 - Intro. To Engineering Technology (2)
- ES 231 - Digital Computation (3)
- ENG 271 - Technical Writing and Presentation (5)
- ES 351 - Thermodynamics (5) or
- ES 355 - Intro to Electrical Circuits (5)
- ES 354 - Fluid Mechanics (5)
- IET 481 - Engineering Economy (5)
- PHY 253 - Additional College Physics/Lab (5)

Major Courses 38 Hours

- CET 343 - Construction Materials (4)
- CET 345 - Intro to Environmental Control (4)
- CET 351 - Elementary Surveying I (5)
- CET 361 - Soils and Foundations (5)
- CET 363 - Structural Analysis (5)
- CET 364 - Steel Design (5)
- CET 452 - Transportation System Design (5)
- CET 456 - Treatment Plant Design (5)

Elect 20 hours from the following 20 Hours

- CET 352 - Elementary Surveying II (5)
- CET 353 - Route Surveying (5)
- CET 354 - Wood and Masonry Design (5)
- CET 365 - Reinforced Concrete Design (5)
- CET 455 - Collection and Distribution Systems (5)
- CET 458 - Traffic Analysis and Control (5)

Foreign Language - Not required

Minor - Optional

ADVISEMENT: Faculty Advisors in the Allen E. Paulson College of Science and Technology, Technology Bldg, 681-5373.

OTHER PROGRAM REQUIREMENTS:

- At least 45 hours of upper division credit must be earned at Georgia Southern.
- Area IV requirements assume that a two-course sequence in College Physics and courses in College Algebra and Trigonometry have been taken to satisfy Area II of the Core.

SUGGESTED BS CET CHRONOLOGY

1st Year

- Fall:** ES 121, MAT 151, TD 130, Core III Elect
- Winter:** MAT 152, PSC 250, ENG 151, HTH 131
- Spring:** MAT 166, ENG 152, CHE 171, PE Activity

2nd Year

- Fall:** PHY 251, MAT 167, ES 231, TD 220
- Winter:** PHY 252 or 253, ES 251, ENG 251, 2 or 3, PE Activity
- Spring:** PHY 252 or 253, ES 253, CET 351, PE Activity

3rd Year

- Fall:** ES 252, ES 355 or 351, CET 363, PE Activity
- Winter:** ES 354, CET Elect, IET 481
- Spring:** Core 1 Elective, ENG 271, CET 452

4th Year

- Fall:** CET 345, CET 361, CET Elect
- Winter:** CET 343, CET 456, CET Elect, Core III Elect
- Spring:** CET 364, CET Elect, Core III Elect

Underline indicates critical courses which should not be delayed
 Fall CET Electives: 352, 458; Winter CET Electives: 365, 353;

ELECTRICAL ENGINEERING TECHNOLOGY**B.S.E.E.T.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to Major 30 Hours**

ENG 271 - Technical Writing and Presentation (5)

MAT 166 & 167 - Analytic Geometry & Calculus I & II (10)

MAT 254 - Calculus III (5)

TD 130 - Technical Drafting (3)

TD 220 - Computer Drafting (2)

ES 121 - Intro to Engineering Technology (2)

ES 231 - Digital Computation (3)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses 20 Hours

ES 251 - Statics (5)

ES 351 - Thermodynamics (5)

IET 481 - Engineering Economy (5)

CHE 171 - General Chemistry/Lab (5)

Major Courses 48 Hours

EET 210 - Intro to Electrical Engineering Technology (1)

EET 350, 353 - Circuit Analysis I, II (10)

EET 351, 354 - Electronics I, II (10)

EET 420 - Advanced Instrumentation (2)

EET 451 - Rotating machines (5)

EET 456 - Digital Circuits (5)

EET 458 - Microprocessors (5)

EET 462 - Operational Amplifiers (5)

EET 465 - Senior project (5)

Elect 10 hours from the following

EET 352 - Programmable Controllers (5)

EET 360 - RF Amplifiers (5)

EET 399 - Special Topics in Electrical Engineering Technology

EET 450 - Industrial Electronics (5)

EET 452 - Electrical Distribution (5)

EET 455 - Engineering Measurements (5)

EET 457 - Communications electronics (5)

EET 459 - Control Systems (5)

EET 477 - Fiber Optic Communications (5)

EET 490 - Directed Independent Study

EET 495 - Special Problems

Elect 15 hours from:

ES 252 - Dynamics (5)

ES 253 - Strength of materials (5)

ES 354 - Fluid Mechanics (5)

CSC 281 - PASCAL (5)

MAT 265 - Calculus IV (5)

Any upper division Mathematics, Physics, Computer Science, Engineering Technology, or Industrial Technology courses approved by the advisor may also be used as technical electives.

Foreign Language - Not required**Minor** - Optional**ADVISEMENT:** Faculty Advisors in the Allen E. Paulson College of Science and Technology, Technology Bldg, 681-5373.**OTHER PROGRAM REQUIREMENTS:**

- At least 45 hours of upper division credit must be earned at Georgia Southern.
- Area IV requirements assume that a two-course sequence in College Physics and courses in College Algebra and Trigonometry have been taken to satisfy Area II of the Core.

SUGGESTED BS EET CHRONOLOGY**1st Year****Fall:** MAT 151, PSC 250, HIS 152/3, ES 121**Winter:** MAT 152, ENG 151, TD 130, PE Activity**Spring:** MAT 166, CHE 171, TD 220, ENG 152, PE Activity**2nd Year****Fall:** MAT 167, Physics, Area III Elect, PE Activity**Winter:** MAT 264, HIS 252/3, Physics, PE Activity**Spring:** EET 210, ES 251, Area I Elect, ENG 251/2/3**3rd Year****Fall:** EET 350, ENG 271, ES 231**Winter:** HTH 131, EET 353, EET 351, IET 481**Spring:** EET 456, EET 462, EET or Tech, Elect (3)**4th Year****Fall:** EET 458, EET 420, EET 451, EET 354**Winter:** EET 465, EET or Tech Elect, EET or Tech Elect**Spring:** ES 351, EET or Tech Elect, EET or Tech Elect

INDUSTRIAL ENGINEERING TECHNOLOGY

B.S.I.E.T.

190 HOURS

See page 25 for Core Curriculum, Areas I-III, required of all students.

Area I - Humanities and Fine Arts 20 Hours

Area II - Mathematics and Natural Sciences 20 Hours

Area III - Social Science 20 Hours

Area IV - Courses Appropriate to Major 30 Hours

- TD 130 - Technical Drafting (3)
- TD 220 - Computer Drafting (2)
- MAT 166 & 167 - Analytic Geometry and Calculus I and II (10)
- PHY 252 or 253 - Additional General College Physics/Lab (5)
- ES 251 - Statics (5)
- ES 252 - Dynamics (5)

Health and Physical Activities 7 Hours

- HTH 131 - Personal Health Promotion (3)
- KIN - Physical Activities (4)

Specifically Required Courses 45 Hours

- CHE 171 - General Chemistry/Lab (5)
- ES 121 - Intro to Engineering Technology (2)
- ES 231 - Digital Computation (3)
- ES 253 - Strength of Materials or ES 351 - Thermodynamics (5)
- ES 355 - Intro to Electrical Circuits (5)
- ENG 271 - Technical Writing and Presentation (5)
- ACC 260 - A Survey of Accounting (5)
- IM 352 - Applied Industrial Statistics (5)
- MFG 350 - Industrial Processes and Materials (5)
- MGT 355 - Decision Science I (5)

Major Courses 48 Hours

- IET 333 - Intro to Industrial Engineering Technology (3)
- IET 352 - Productivity Measurement and Improvement (5)
- IET 450 - Production Planning (5)
- IET 451 - Plant Layout and Materials Handling (5)
- IET 453 - Industrial Systems Simulation (5)
- IET 454 - Quality Assurance (5)
- IET 455 - Senior Project (5)
- IET 481 - Engineering Economy (5)

Elect 10 hours from the following

- IET 399 - Selected Topics in Industrial Engineering Technology
- IET 452 - Intro to Robotics and Computer Integrated Manufacturing (5)
- IET 490 - Directed Independent Study
- IET 495 - Special Problems in Industrial Engineering Technology
- ES 450 - Computer Methods in Engineering Technology (5)
- IM 550 - Ergonomics (5)
- LIT 375 - Business Logistics or MGT 351 - Management and Organizational Behavior
- MFG 352 - Metal Machining (5)
- MFG 450 - Automated Manufacturing Systems (5)

Foreign Language - Not required

Minor - Optional

ADVISEMENT: Faculty Advisors in the Allen E. Paulson College of Science and Technology, Technology Bldg, 681-5373.

OTHER PROGRAM REQUIREMENTS:

- At least 45 hours of upper division credit must be earned at Georgia Southern.
- Area IV requirements assume that a two-course sequence in College Physics and courses in College Algebra and Trigonometry have been taken to satisfy Area II of the Core.

SUGGESTED BS IET CHRONOLOGY

1st Year

Fall: MAT 151, ENG 151, ES 121, HTH 131
Winter: MAT 152, TD 130, ENG 152, ES 231
Spring: MAT 166, HIS 152/3, CHE 171, PE Activity

2nd Year

Fall: MAT 167, PHY 251, Area I Elect, TD 220
Winter: ES 251, HIS 252/3, PHY 252/3, PE Activity
Spring: ENG 271, PHY 252/3, PSC 250, PE Activity

3rd Year

Fall: IET 333, ES 355, IM 352, ACC 260
Winter: ES 252, MGT 355, MFG 350, PE Activity
Spring: ES 351 or 253, ENG 251/2/3, IET 352

4th Year

Fall: IET 455, IET 453, IET 451
Winter: IET 454, IET Elect, IET 481
Spring: IET 450, Area III Elect, IET Elect

MECHANICAL ENGINEERING TECHNOLOGY**B.S.M.E.T.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities and Fine Arts 20 Hours****Area II - Mathematics and Natural Sciences 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to Major 30 Hours**

ENG 271 - Technical Writing and Presentation (5)

MAT 166 & 167 - Analytic Geometry and Calculus I and II (10)

TD 130 - Technical Drafting (3)

TD 220 - Computer Drafting (2)

PHY 262, or 263 - Additional College Physics/Lab (5)

ES 231 - Digital Computation (3)

ES 121 - Intro to Engineering Technology (2)

Health and Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN - Physical Activities (4)

Specifically Required Courses 45 Hours

CHE 171 - General Chemistry/Lab (5)

ES 251 - Statics (5)

ES 252 - Dynamics (5)

ES 253 - Strength of Materials (5)

ES 351 - Thermodynamics (5)

ES 354 - Fluid Mechanics (5)

ES 355 - Intro to Electrical Circuits (5)

Major Courses 39 Hours

MET 343 - Materials and Processes in Manufacturing (4)

MET 350 - Mechanism Design (5)

MET 352 - Applications of Thermal Science I (5)

MET 354 - Automation and Computer Integrated Manufacturing Systems (5)

MET 435 - Machine Component Design (3)

MET 446 - Heat Transfer (4)

MET 451 - Materials Science (5)

MET 456 - Machine Design (5)

MFG 333 - Laboratory for Manufacturing Processes (3)

Elect 15 hours from the following

MET 452 - Applications of Thermal Science II (5)

MET 455 - Engineering Measurements (5)

MET 457 - Mechanical Systems Design (5)

MET 459 - Vibrations (5)

MET 460 - Dynamics Systems (5)

or other advisor-approved electives.

Foreign Language - Not required**Minor** - Optional**ADVICE:** Faculty Advisors in the Allen E. Paulson College of Science and Technology, Technology Bldg, 681-5373.**OTHER PROGRAM REQUIREMENTS:**

- At least 45 hours of upper division credit must be earned at Georgia Southern.
- Area IV requirements assume that a two-course sequence in College Physics and courses in College Algebra and Trigonometry have been taken to satisfy Area II of the Core.

SUGGESTED BS MET CHRONOLOGY**1st Year****Fall:** MAT 151, ES 121, TD 130, ENG 151**Winter:** MAT 152, TD 220, ENG 152, HIS 152/3**Spring:** MAT 166, ENG 251/2/3, Core I Elect, ES 231**3rd Year****Fall:** MET 354, ES 252, ES 351, PE Activity**Winter:** MET 451, ES 354, MET 352, PE Activity**Spring:** MET 343, MFG 333, MET 459, Core III Elect**2nd Year****Fall:** MAT 167, CHE 171, PHY 261**Winter:** PHY 262, ENG 271, ES 251, HTH 131**Spring:** ES 253, HIS 252, ES 355, PE Activity**4th Year****Fall:** MET 456, MET 446, MET 460, MET Elective**Winter:** MET 435, MET 350, MET 452, PE Activity**Spring:** MET 455, PSC 250, MET 457

MANUFACTURING**B.S.Manu.****190 HOURS****MAJOR IN APPAREL MANUFACTURING***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities & Fine Arts 20 Hours****Area II - Mathematics and Natural Science 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 33 Hours**

CIS 251 - Intro to Computer Info Sys (5)

or ES 231 - Digital Computation (3)

TD 130 - Technical Drawing (3)

TD 220 - Computer Drafting (2)

ACC 260 - Survey of Accounting (5)

CAS 251 - Public Speaking (5)

STA 255 - Statistics Using the Computer (5)

PHY 251 - Physics (5)

or CHE 171 - Chemistry (5)

ENG 271 - Technical Writing (5)

or MKT 255 - Business Communications (5)

Health & Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN Physical Activities (4)

Major Courses 90 Hours

Technical or Management Electives (10)

AD 460 - Apparel Design Analysis I (5)

AD 462 - Computer Aided Apparel Design I (5)

ADM 430 - Trade Regulations (5)

ADM 452 - Advanced Apparel Production (5)

ADM 454 - Quality Control/Testing (5)

ADM 495 - Special Problems in Apparel MFG (5)

IET 352 - Prod. Measurement & Improve (5)

IET 451 - Plant Layout (5)

IM 351 - Intro to Industrial Management (5)

IM 471 - Industrial Supervision (5)

IM 550 - Ergonomics (5)

FM 364 - Textiles (5)

MFG 150 - The Manufacturing Enterprise (5)

MFG 360 - World Class MFG (5)

MFG 356 - Electrical Technology (5)

Free Elective (5)

Recommended Electives:

ADM 257 - Stitchology (5)

ADM 499 - Internship (5)

IET 450 - Production Planning (5)

IM 352 - Statistical Quality Control (5)

IM 451 - Senior Project (5)

IM 452 - Mgt Problems in Industry (5)

MFG 351 - Industrial Maintenance Practices (5)

MFG 354 - Energy/Power Systems (5)

MFG 450 - Computer Aided Manufacturing (5)

ADVISEMENT: Carruth Bldg Room 1005B. (912) 681-0423.

APPLIED SCIENCE IN TECHNOLOGY**B.A.S.****197 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities & Fine Arts 20 Hours****Area II - Mathematics and Natural Science 20 Hours****Area III - Social Science 20 Hours****Health & Physical Activities 7 Hours**

HTH 131 - Personal Health Promotion (3)

KIN Physical Activities (4)

Area IV - Occupation Program 60 Hours

A maximum of a 60 quarter hour block may be applied to the BAS from an approved Technical Institute/Two year college with AAS or AAT degree.

Area V - Major Course Requirements 60 Hours

IM 351 - Intro to Industrial Mgt (5)

or MGT 351 - MGT & Org Behvr (5)

IM 352 - Applied Industrial Statistics (5)

or MFG 354 - Business Statistics (5)

IM 452 - MFG Enterprise Assessment (5)

IM 471 - Industrial Supervision (5)

IM 550 - Ergonomics (5)

or IM 554 - Human Resource Prot. (5)

or IM 556 - Systems Safety in MFG (5)

IET 352 - Prod. Measurement & Improve (5)

IET 450 - Production Planning (5)

IET 451 - Plant Layout (5)

IET 481 - Engineering Economy (5)

MFG 360 - World Class Manufacturing (5)

Upper Division Technology Elective (5)

Specific Requirements 10 Hours

TD 130 - Technical Drawing (3)

TD 220 - Computer Drafting (2)

CIS 251 - Intro to CIS (5)

ADVISEMENT: Carruth Bldg Room 1105B, 912-681-0423**PROGRAM ADMISSION CRITERIA:** Students must complete in sequence a technical diploma from area Vocational/Technical Institute and then complete A.A.S. or A.A.T. degree from area two-year college before being admitted to B.A.S. degree program.

CONSTRUCTION**B.S.Cons.****195 HOURS****MAJOR IN BLDG CONSTRUCTION & CONTRACTING***See page 25 for Core Curriculum, Areas I-III, required of all students.*

Area I - Humanities & Fine Arts	20 Hours
Area II - Mathematics and Natural Science	20 Hours
Area III - Social Science	20 Hours
Area IV - Courses Appropriate to the Major	30 Hours
ACC 260 - Survey of Accounting (5)*	
BCC 252 - Arch. Graphics & Prnt Rdg (5)*	
ENG 271 - Technical Writing & Presentation (5)	
GLY 151 - General Phys. Geology (5)*	
MAT 157 - Technical Calculus (5) CHE	
171 - Intro to Gen. Chemistry (5) or	
STA 255 - Statistics Using Comp (5)	
Health & Physical Activities	7 Hours
HTH 131 - Personal Health Promotion (3)	
KIN Physical Activities (4)	
Major Courses	98 Hours
BCC 110 - Intro to Bldg Construction (1)	
BCC 230 - Const. Statics (3)	
BCC 240 - Const. Strength of Material (4)	
BCC 251 - Const. Surveying (5)	
BCC 332 - History of Architecture (3)	
BCC 333 - Const. Finance (3)	
BCC 341 - Site Construction (4) BCC	
342 - Quantity Estimating (4) BCC	
343 - Electrical Equip & Sys (4) BCC	
350 - Bldg Materials & Sys (5) BCC	
351 - Mech Equip & Sys (4) BCC 410	
- Senior Seminar (1)	
BCC 431 - Bldg Codes (3)	
BCC 433 - Construction Safety (3)	
BCC 440 - Concrete & Masonry (4)	
BCC 441 - Steel Structures (4)	
BCC 442 - Wood Structures (4)	
BCC 443 - Const Cost Estimating (4)	
BCC 444 - Project Planning & Scheduling (4)	
BCC 452 - Construction Administration (5)	
BCC 454 - Senior Project (5)	
or BCC 457 - Internship (5)	
MGT 351 - Mgt Organization Behavior (5)	
BA 399 - Construction Law (5)	
300 or 400 Level Approved Business Elective (5)	
Unrestricted Elective (5)	

*Recommended Elective, prerequisite to one or more BCC courses

ADVISEMENT: Carruth Bldg, Suite 1028. (912) 681-5761**PROGRAM ADMISSION CRITERIA:** See GSU Admission Requirements.

MANUFACTURING**B.S.Manu.****190 HOURS****MAJOR IN INDUSTRIAL MANAGEMENT***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities & Fine Arts 20 Hours****Area II - Mathematics and Natural Science 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to the Major 33 Hours**

CIS 251 - Intro to Computer Info Sys (5)

or ES 231 - Digital Computation (3)

TD 130 - Technical Drawing (3)

TD 220 - Computer Drafting (2)

ACC 260 - Survey of Accounting (5)

CAS 251 - Public Speaking (5)

IM 352 - Applied Ind. Statistics (5)

PHY 251 - Physics (5)

or CHE 171 - Chemistry (5)

ENG 271 - Technical Writing (5)

Health & Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN Physical Activities (4)

Major Courses 90 Hours

Technical or Management Electives (5)

Free Elective (5)

IET 352 - Prod. Measurement & Improv. (5)

IET 450 - Production Planning (5)

IET 452 - Plant Layout (5)

IET/IM 454 - Quality Assurance (5)

IET 481 - Engineering Economy (5)

IM 351 - Intro to Industrial Mgt (5)

IM 452 - Manufact. Enterprise Assessment (5)

IM 471 - Industrial Supervision (5)

IM 599 - Internship (5)

MFG 150 - Manufacturing Enterprise (5)

MFG 354 - Energy/Power Systems (5)

MANUFACTURING CONCENTRATION:+

MFG 350 - Industrial Material & Processes (5)

MFG 352 - Metal Machining (5)

MFG 356 - Electrical Technology (5)

MFG 360 - World Class manufacturing (5)

MFG 450 - Computer Aided Manufacturing (5)

INDUSTRIAL SAFETY & ENVIRONMENTAL COMPLIANCE CONCENTRATION+

IM 550 - Ergonomics (5)

IM 552 - Industrial Hygiene (5)

IM 553 - Hazardous Waste Management (5)

IM 554 - Human Resource Protection (5)

IM 556 - System Safety in Manufacturing (5)

+Students should select one of two concentrations

ADVISEMENT: Carruth Bldg Room 1015A. (912) 681-5828.

PRINTING MANAGEMENT**B.S.P.M.****190 HOURS***See page 25 for Core Curriculum, Areas I-III, required of all students.***Area I - Humanities & Fine Arts 20 Hours****Area II - Mathematics and Natural Science 20 Hours****Area III - Social Science 20 Hours****Area IV - Courses Appropriate to Major 30 Hours**

ACC 260 - Survey of Accounting (5)

CIS 251 - Intro to Computer Info Sys (5)

MFG 150 - Manufacturing Enterprise (5)

ECO 260 - Basic Economics (5)

GT 165 - Tech, Science & Environment (5)

Approved Elective (5)

Health & Physical Activities 7 Hours

HTH 131 - Personal Health Promotion (3)

KIN Physical Activities (4)

Major Courses 93 Hours

PM 250 - Graphic Arts Tech. I (5)

PM 332 - Printing Inks & Substrates (3)

PM 335 - Laws & Ethics (3)

PM 336 - Desktop Publishing (3)

PM 350 - Image Preparation I (5)

PM 365 - Image Preparation II (5)

PM 432 - Printing Production Systems (3)

PM 434 - Quality Control in Printing (3)

PM 451 - Industrial Practicum (5)

PM 452 - Graphic Arts Tech III (5)

PM 453 - Color Reproduction (5)

PM 455 - Estimating (5)

PM 499 - Internship (5)

IM 351 - Intro to Industrial Mgt (5)

IM 471 - Industrial Supervision (5)

IM 553 - Hazardous Waste Management (5)

MKT 350 - Principles of Marketing (5)

MKT 351 - Principles of Advertising (5)

ENG 3473 - Writing in the Workplace (4)

or ENG 271 - Technical Writing (5)

Electives to complete 190 hours 8 Hours**ADVISEMENT:** Technology Bldg, Room 1120 (912) 681-5761

The College of Graduate Studies

Purpose and Organization

Responding to increasing needs for graduate/ professional programs in South Georgia, the Board of Regents of the University System of Georgia approved university status for Georgia Southern College, effective July 1, 1990. Georgia Southern University is now the state's most comprehensive university south of Atlanta.

The elevation of Georgia Southern to university status has led to an increased number of graduate programs and courses in Savannah, Brunswick, Augusta, and other sites within Southeast Georgia.

Graduate programs are designed to provide students with the opportunity and resources to enhance their educational, professional and cultural backgrounds while improving their professional skills and competence. Graduate programs encourage scholarly inquiry through the appropriate application of valid research methods.

Graduate Degree Programs

Program	Phone (912)	Degree
Adult & Vocational Education	681-5301	M.Ed.
Art	681-5358	M.F.A.
Art Education	681-5203	M.Ed./Ed.S.
Biology	681-5487	M.S.
Business	681-5767	M.B.A.
Business Education	681-5301	M.Ed.
Counselor Education	681-5301	M.Ed./Ed.S.
Curriculum Studies	681-5091	Ed.D.
Early Childhood Education	681-5121	M.Ed./Ed.S.
Educational Leadership	681-5307	Ed.D.
English	681-5471	M.A.
English Education	681-5203	M.Ed./Ed.S.
French	681-5203	M.Ed.
German	681-5203	M.Ed.
Health & Physical Education	681-5203	M.Ed./Ed.S.
Higher Ed Student Services	681-5301	M.Ed.
History	681-5586	M.A.
Instructional Technology	681-5301	M.Ed./Ed.S.
Kinesiology	681-0200	M.S.
Mathematics	681-5390	M.S.
Mathematics Education	681-5203	M.Ed./Ed.S.
Middle Grades Education	681-5203	M.Ed./Ed.S.
Music	681-5203	M.Ed./Ed.S.
Nursing	681-5242	M.S.N.
Political Science	681-5698	M.A.
Psychology	681-5539	M.S.
Public Administration	681-5698	M.P.A.
Reading Specialist	681-5121	M.Ed./Ed.S.
Recreation Administration	681-5462	M.R.A.
School Psychology	681-5301	M.Ed./Ed.S.
Science	681-5203	M.Ed./Ed.S.
Social Science	681-5203	M.Ed./Ed.S.
Sociology	681-5443	M.A.
Spanish	681-5203	M.Ed.
Special Ed Except Children	681-5301	M.Ed./Ed.S.
Sport Management	681-0200	M.S.
Technology	681-5761	M.T.
Technology Education	681-5301	M.Ed./Ed.S.

Off-Campus Graduate Centers

Resident graduate credit is offered at the off-campus centers at Brunswick. Students in Brunswick may pursue graduate study leading to Master of Education (M.Ed.) programs in Early Childhood Education, Educational Leadership, Special Education for Exceptional Children, and Middle Grades Education; Public Administration (MPA); Business Administration (MBA); or Nursing (MSN). Off-campus admission and degree requirements are identical to those of the on-campus programs.

Admission to Graduate Studies

Graduates of colleges or universities accredited by the proper regional accrediting association may apply for admission to the College of Graduate Studies. Admission is restricted to include only those students whose academic records indicate that they can successfully undertake graduate work. Only students formally admitted to the College of Graduate Studies are eligible to enroll in graduate courses (courses numbered 600, 700, 800, and 900).

Application information is available in the following offices:

The College of Graduate Studies
Georgia Southern University
Post Office Box 8113
Statesboro, Georgia 30460-8113
Voice: (912) 681-5384
Fax: (912)681-0740
E-Mail: HODGES_M@gsvms2.cc.gasou.edu
or: gradschool@gsvms2.cc.gasou.edu
or: www.gasou.edu/aix2/gradcoll/gradcat.htm

GSU Savannah Office
13015 Abercorn St. Ext.
Suite E-4
Savannah, Georgia 31419
(912) 921-5440

Brunswick Center
Coastal Georgia Community College
Brunswick, Georgia 31523
(912) 264-7227

All application materials must be returned to The College of Graduate Studies.

Application Procedures

All degree-seeking applicants for admission to the College of Graduate Studies must:

1. Submit a completed application furnished by the College of Graduate Studies.
2. Submit two (2) official transcripts from all institutions previously attended.
3. Submit official test scores as required for the selected program. (To be official, test scores must be sent to the College of Graduate Studies directly from the testing agency or be recorded on an official transcript.)
4. Submit official TOEFL scores if an International applicant or if English is not native language. TOEFL scores may not be more than two years old.
5. Submit other documents as required by departments or colleges.

All applicants who do not wish to work toward a degree must:

1. Submit a completed application and other required forms. Test scores are not required for Non-Degree applicants.
2. Submit two (2) official transcripts from all institutions previously attended.

Transcripts must be officially embossed copies sent directly from the institution to the College of Graduate Studies at Georgia Southern University.

The completed application and all credentials must be received by the College of Graduate Studies by the deadline dates listed in the Georgia Southern University Graduate Calendar. Materials submitted in support of an application become the property of Georgia Southern University and cannot be forwarded or returned.

Each completed application with supporting materials is referred to the college or department in which the applicant proposes to study. The graduate faculty in that department or program consider the application and submit an admission recommendation to the College of Graduate Studies.

Admission by Appeal

A student denied admission to a department and/or college may appeal the admission decision. The student will be required to provide additional information in support of the appeal. For appeal information and procedures, he/she should contact the College of Graduate Studies.

A student whose appeal for admission is denied by a department and/or college may appeal to the Dean of the College of Graduate Studies. The final decision on an appeal will be made by the Dean of the College of Graduate Studies.

Test Score Time Limit

Official copies of standardized admission test scores greater than five years old that are in excess of minimum College of Graduate Studies admission test scores may be reviewed and accepted by Graduate program Directors or Graduate Program Coordinators in the individual colleges.

Admission Notification

A student must be admitted to the College of Graduate Studies in order to be admitted to a graduate degree program or to enroll in graduate courses. The official letter of admission notification is sent to the applicant along with a statement outlining any conditions that may be attached to the admission.

A student must be admitted by the close of the first week of an academic term in order for the admission to be effective for that term. If the admission process is completed after that deadline, due to an incomplete file or because departmental action was not taken earlier, the admission will be effective the following academic term. The term for which the applicant is admitted is stated in the official notification of admission letter from the College of Graduate Studies.

Admission Classification

A prospective student who has earned a baccalaureate degree and plans to take additional work beyond the baccalaureate degree must apply to the College of Graduate Studies and be admitted under one of the following classifications:

I. Degree Admission

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:

- A. **Regular**—A prospective candidate for a degree who 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 College of Graduate Studies is classified as a regular degree student.
- B. **Provisional**—A prospective candidate for a degree who does not satisfy the full admission requirements will be classified in this category under conditions specified at the time of admission. The College of Graduate Studies will establish these conditions based on the recommendation of the graduate faculty of the department in the college or program in which the student proposes to study. A student admitted in this category will be reclassified to regular admission when the conditions have been met. A student initiating graduate work under this classification may enroll in graduate courses leading to a degree and such courses may be counted in a degree program when the student has met the specified conditions and has been reclassified. Only credit earned in graduate courses at Georgia Southern University may be used to satisfy provisional admission requirements. Failure to satisfy the conditions of provisional admission will result in the student's ineligibility to continue work in the College of Graduate Studies.

There is no provisional admission to the Master of Education in School Administration and Supervision, the Master of Education in School Psychology, the Education Specialist degree programs, or the Doctorate of Education.

II. 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. One who is admitted as a non-degree student may apply to a degree program at any time. **Upon the advisor's recommendation, a maximum of 15 quarter hours of credit may be included in a program of study should the student gain reclassification as a degree student.** Some departments do not permit non-degree enrollment or limit non-degree enrollment in graduate courses to less than fifteen (15) quarter hours. No credit earned as a non-degree student may be counted toward Education Specialist programs. A student may be admitted in one of the following non-degree admission categories:

- A. **Limited**—A student whose file is incomplete because certain required application materials have not been received in the College of Graduate Studies for degree admission consideration may be admitted to the College of Graduate Studies with enrollment limited to a maximum of fifteen (15) quarter hours credit in graduate courses.
- B. **Post-Grad**—An student admitted to the College of Graduate Studies but not to a degree program who holds a graduate degree may enter as non-degree, postgraduate. A student enrolling for graduate work under this classification is not limited in the number of quarter hours of graduate credit earned.
- C. **Certificate**—A student seeking initial teaching certification or recertification may enroll in graduate courses required for certification in any seven contiguous years. A student initiating graduate work under this classification may apply for a degree program by submitting proper credentials.

- D. **Graduate Special**—A student not admitted to a degree program and who wishes to take courses for personal or professional interest. A student admitted in this classification is limited to thirty (30) quarter hours in any seven contiguous years.

III. Transient

In order to be admitted to the College of Graduate Studies as a transient, the student must submit a transient student application and a certificate stating that he is in good standing in a recognized graduate school at another institution. The transient student application form is available from the College of Graduate Studies at Georgia Southern University. A student is admitted under this classification for one quarter only. The student must be readmitted under this classification each quarter to be eligible to enroll in graduate courses.

IV. Teacher Certification

In-service teachers enrolling to meet requirements of a local board of education or the State Department of Education to renew or reinstate a certificate or to certify in a new area may enroll in graduate courses for credit for this particular purpose after formal admission to the College of Graduate Studies as a Non-Degree student.

V. Graduate Credit for Seniors

A senior enrolled at Georgia Southern University within ten hours of completing the requirements for the bachelor's degree, may enroll for a maximum of ten quarter hours of graduate credit providing:

- A. A complete application has been submitted to the College of Graduate Studies.
- B. Official test scores, as required for the selected program, are received prior to the beginning of the quarter for which admission is requested.
- C. The student meets all criteria for unqualified admission to graduate study with the exception of the baccalaureate degree.
- D. Permission to enroll in such courses is approved by the College of Graduate Studies upon the recommendation of the graduate faculty of the department in the college or program in which the applicant proposes to study.
- E. The total number of hours of course work for the quarter does not exceed fifteen, with no more than ten hours for graduate credit.

Under no circumstances may a course be used for both graduate and undergraduate credit.

VI. International Students

Georgia Southern subscribes to the principles of international education and to the basic concept that only through education and understanding by individuals from diverse cultures can mutual respect, appreciation and tolerance of others be achieved.

In addition to meeting the regular admission requirements, a prospective international student or non-native speaker of English should satisfy the following requirements:

- A. It is recommended the student present results of the TOEFL (Test of English As A Foreign Language) especially if he or she is asking to be considered for a Graduate Assistantship. **TOEFL examination scores are not accepted if they are over two years old.** Regardless of TOEFL scores all students whose native language is not English are tested upon arrival on the campus and their proficiency in English is evaluated by the Foreign Student Advisor. Individuals evaluated as having deficiency in English will be required to enroll in an appropriate ESL (English As A Second Language) class. Continued enrollment in such remedial ESL classes will be required until proficiency is achieved. All costs for ESL programs must be paid by the student and may prolong the time necessary to achieve a degree.
- B. International students must provide evidence of their ability to meet all financial obligations for the expected duration of the period of study requested.
- C. Submit ORIGINAL, certified copies of all certificates and transcripts from ALL institutions of higher education attended by the applicant. In cases where there is only one original copy, the institution will inspect the original, copy it and return the original to the applicant. *In no case will an application be evaluated until an original copy has been submitted for inspection.* Applicants must also submit satisfactory scores on the appropriate GRE, GMAT, or MAT test. All application materials must be received in the College of Graduate Studies 90 days prior to the term start date for which the applicant is applying.
- D. Georgia Southern reserves the right to request other information which may be necessary to evaluate an application, including syllabi of courses taken and other materials considered essential in the evaluation process.
- E. Only those international applicants demonstrating good academic qualifications, adequate financial resources, and appropriate English Language Proficiency will be admitted.

Health Insurance - All international students are required to purchase a student Health Insurance Plan made available through the University. Substitutions are not permitted or acceptable, except under exceptional situations. The current cost for students of this insurance is \$38 per month and is subject to change. 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. *Proof of health insurance is required before a student may register for classes.*

Course Load - International students on a student visa are required, by U.S. Immigration Law, to carry a full course of study. Failure to do so may result in the loss of visa and a requirement that the student leave the United States.

Financial Information - International students should not expect to work during their first year in the United States. All financial support necessary must be available without the necessity for working. International students may apply for Graduate Assistantships. However, these are usually not awarded until the second year when the major department has had an opportunity to evaluate the work of the student and assess English proficiency. Georgia Southern offers a limited number of Out-Of-Country tuition waivers to exceptional international students. However, this is a limited grant covering approximately 20% of required expenses and it is the student's responsibility to provide all monies necessary to pay all other expenses.

Visa Information - The University will issue the I-20 or IAP-66, whichever is appropriate, AFTER the applicant has been fully admitted. These documents permit the applicant to obtain the appropriate student visa from a U.S. embassy if outside the United States or effect a transfer if within the U.S. Students residing in the United States must submit proof that they are “In Status” with the U.S. Immigration Service before final admission.

International Student Advisor - Georgia Southern University has an international Student Office with experienced, qualified advisors available to help international students become oriented to the campus and registered for classes. Advisors are available for advice and support while a student is enrolled. A full social and cultural program is available.

Required Entrance Examinations

Prospective candidates for graduate degrees are required to submit scores from the examination appropriate to their specific degree program. To be official, test scores must be sent from the testing agency directly to the College of Graduate Studies or be recorded on an official transcript. 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)681-5415.

Doctor of Education (GRE or MAT)
 Education Specialist (GRE or MAT)
 Master of Arts (GRE)
 Master of Business Administration (GMAT)
 Master of Education (GRE or MAT)
 Master of Public Administration (GRE)
 Master of Recreation Administration (GRE, GMAT or MAT)
 Master of Science (Biology)(GRE)
 Master of Science (Exercise Science)(GRE or MAT)
 Master of Science (Mathematics)(GRE)
 Master of Science (Psychology) (GRE)
 Master of Science (Sport Management)(GRE, MAT, or GMAT)
 Master of Science in Nursing (GRE or MAT)
 Master of Technology (GRE)

Graduate Management Admission Test (GMAT)

The GMAT consists of seven separately timed sections and consists of two essays and multiple choice questions. Total test time is three and one-half hours. The GMAT measures general verbal and mathematical skills that are associated with success during the first year of graduate study in management. Verbal and quantitative scores are required.

Graduate Record Examinations (GRE)

The GRE General Test contains sections designed to measure verbal, quantitative, and analytical abilities. The test consists of seven 30-minute sections. Specialized Subject Tests are also offered. General Test scores are required.

Miller Analogies Test (MAT)

The MAT consists of 100 multiple choice questions designed to measure verbal aptitude. The total exam time is 50 minutes. A single raw score is assigned.

Graduate Student Advisors

When the student is notified of admission to the College of Graduate Studies, a faculty member in the student’s major field will be assigned. If a department faculty is not designated as the student’s advisor, the Graduate Program Director will serve as advisor.

A graduate student may request a change in advisor by contacting the Graduate Program Director in writing. If the request is granted, the student will be notified in writing.

The graduate student advisor will assist in:

1. Helping the student plan a program of study in keeping with the student’s field and goals.
2. Approving all course selections prior to registration. Students who are initially uncertain about their graduate program of studies and Transient Students taking graduate classes at Georgia Southern University for degree credit at another college or university may be advised by the Associate Dean of the College of Graduate Studies. International graduate students will be advised by the Dean of Students as well as 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 Counselor for Disabled Students in the Counseling and Career Development Center.

Graduate Credit

All courses carrying graduate credit at Georgia Southern University are numbered 600 or above. Courses numbered 800 and above are open to graduate students ONLY, with the exception of courses in the College of Education. College of Education courses numbered 700 and above are open to graduate students ONLY with the exception of dual listed courses.

A student who has been admitted to the College of Graduate Studies in a degree program or a non-degree program may register for graduate courses as detailed on the notice of admission.

At least fifty percent of the courses applicable toward a degree must be courses in which enrollment is restricted to graduate students.

A maximum credit of ten quarter hours earned in “Reading and Conference” may apply toward a graduate degree, with the approval of the major professor, provided the student was classified in “Regular” graduate standing when the work was taken. NOTE: (See section “Reading and Conference”).

Graduate credit is not allowed for work done in extension or by correspondence.

A student seeking a second master's degree may count up to three courses (not more than 15 quarter hours) from the first degree toward requirements for the second degree upon the recommendation of the student's advisor and approval of the department chairperson. Only courses with grades of “B” or better may be counted.

Credit by Transfer

A graduate student may transfer graduate credit from a regionally accredited institution for recording on a permanent record. Maximum graduate credit of ten quarter hours from a regionally accredited institution may apply toward a graduate degree provided:

1. The institution offers the graduate degree program for which the student has been admitted at Georgia Southern University.
2. Two official transcripts are sent directly to the College of Graduate Studies from the institution in which graduate work was taken.
3. The credit was earned no more than seven years prior to date of completion of the graduate degree.

- The student's major professor or advisor has to approve the transfer credit as a part of the student's planned 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 obtain prior approval from the major professor and submit a request to the College of Graduate Studies. 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 quarter in which he/she 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 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.

Course Registration

A student admitted to the College of Graduate Studies must register for courses within twelve months after admission to the College of Graduate Studies. An applicant who does not register within the period of twelve months will be required to submit a new application for admission at a later date. A student who reapplies must satisfy all conditions for admission required at the time of reapplication. A student who has been admitted to the College of Graduate Studies and begins a program of study and fails to enroll in any quarter following the period in which he/she initiated the course work must notify the College of Graduate Studies of his/her intention to enroll in a subsequent quarter and must complete an application furnished by the College of Graduate Studies.

Course Load

The course load for graduate students does not exceed fifteen quarter hours and the student may earn credit for no more than fifteen quarter hours in any one quarter without written permission from the College of Graduate Studies.

Program of Study Procedures

After the completion of twenty quarter hours, the student will formalize a program of study with his/her advisor. Both the advisor and the student will sign the program of study and submit a copy to the College of Graduate Studies for final approval. Students must have an approved Program of Study on file to be eligible to graduate.

If any change in the approved program of study is required, an amended program of study signed by the advisor and the student must be submitted to the College of Graduate Studies for final approval.

Reading and Conference

A graduate student may be granted permission to register for a maximum credit of ten quarter hours in "Reading and Conference," to apply toward a graduate degree provided that:

- Applicant has unqualified admission to the College of Graduate Studies.
- Applicant has completed a minimum of fifteen quarter hours in a graduate program prior to making application for a course through "Reading and Conference."
- The course requested is not scheduled during the college year at a time or place accessible to the student.
- Once approved, the student continues a course through "Reading and Conference" of sufficient length to insure the academic integrity of the course. It is conceivable that the time factor may call for more conferences with the instructor than the number of periods on campus to meet requirements of a regularly scheduled course.
- Applicant secures the signature of the instructor who will be responsible for supervising the "Reading and Conference" course, as well as the student's advisor and department chair.

Under no circumstances may a graduate student register for more than one reading and conference course per quarter.

Change of Degree Program or Major within a Degree Program

With the approval of the College of Graduate Studies, a student may change his/her degree objective or major within a degree program provided the student is in good standing and has unqualified admission to the College of Graduate Studies. The student will be required to satisfy in full the course requirements as prescribed by his/her new academic advisor and if changing degree programs, the student must meet all admission requirements for the new degree.

Required Academic Standing

In order to graduate, graduate students must have a cumulative graduate GPA of 3.0 or higher on all graduate work and in the program of study. In the Master of Education and the Education Specialist, a cumulative GPA of 3.0 must also be maintained in the subject matter fields as well as in the total program. Only grades of "C" or above may apply toward a degree.

A cumulative graduate GPA of at least 3.0 is required for a student to sit for the comprehensive examination, terminal examination, thesis or dissertation defense.

Graduate students are ineligible to graduate with grades of "I" or "IP" on their graduate academic record.

Credits taken as a non-degree student in order to meet the cumulative GPA required for admission to a degree program may not be used to satisfy the graduation requirements of the program.

Probation and Exclusion

A student whose cumulative GPA falls below 3.0 upon completion of three courses, or fifteen quarter hours, will be placed on probation. If the cumulative GPA remains below 3.0 after the completion of three additional courses, or fifteen quarter hours, the student will be ineligible to continue graduate work. Only credit earned in graduate courses at Georgia Southern University may be used to repair deficiencies in the grade point average.

Reinstatement Following Exclusion

Students excluded from a degree program due to academic reasons may appeal for reinstatement following exclusion. To appeal for reinstatement, the student must submit a letter to the College of Graduate Studies specifically indicating what the student is appealing and the justification for filing the appeal. The appeal must be accompanied by at least three letters of support from the department graduate faculty. The appeal will be reviewed by the academic department, the college appeals committee (if appropriate), and the college dean. A recommendation will be forwarded to the College of Graduate Studies for review by the Dean of the College of Graduate Studies.

If the appeal is approved by the Dean of the College of Graduate Studies, the appellant will be allowed to proceed toward the degree under conditions specified by the appropriate department and/or college.

Academic Dishonesty

1. All graduate students of Georgia Southern University are required to comply with the standards of conduct published in *The Eagle Eye Student Conduct Code*.
2. In graduate studies, academic dishonesty includes: (1) cheating on examinations or assignments and/or (2) plagiarizing published materials or the work of other current or former students. Complete definitions of these concepts are provided in the Academic Dishonesty section of the *Conduct Code*. Disciplinary process and appeal rights are described in the Disciplinary Procedures section of the same code.
3. Copies of *The Eagle Eye* are available from the Division of Student Affairs, Post Office Box 8063, Georgia Southern University, Statesboro, GA 30460.

Residence and Time Limits

All work credited toward the degree must be completed within seven years. Extension of time may be granted only on conditions beyond the control of the student. A formal request outlining the extenuating circumstances for an extension of time should be addressed to the College of Graduate Studies.

The minimum residence requirement for a Master's degree is one academic year or three summer sessions.

Registration for Thesis or Dissertation

A prospective candidate for a graduate degree must be registered during each quarter in which an internship is being conducted, a project (in lieu of thesis), thesis (if required), or a dissertation is under preparation and where university facilities and/or staff time are utilized, including the final quarter in which the internship, project, thesis or dissertation is being completed.

Policy Regulations:

1. A student must register by the term registration deadline. Any student failing to register by the term registration deadline will be enrolled in the following term and will be updated for graduation for the same term, if applicable.
2. The student's advisor and/or major professor will be responsible for advising the student to register for the appropriate number of credit hours to comply with internship, project, thesis, dissertation, and/or comprehensive examination enrollment requirements.

3. A grade of IP will be recorded for all internship, project, thesis, or dissertation credit work in progress, and will automatically be recorded each term the student is enrolled.
4. The grade of S/U must be recorded for all theses, or dissertation credit when completed.
 - a. The advisor and/or major professor will report a final thesis, or dissertation grade of S or U. Any reported grade other than S/U, will be changed to an S/U grade according to the following:

REPORTED GRADE OF A, B, C = S
REPORTED GRADE OF D, F = U

- b. Upon completion of internship, project, thesis, or dissertation requirements, final grades for preceding terms will be changed to the appropriate grade.

Comprehensive Examination Procedure

The degree candidate must schedule the comprehensive examination and/or thesis defense through his/her major professor. The examination/defense must be completed no later than two weeks prior to the last day of classes for the term. During the examination the candidate is expected to prove a competency to discuss facts, justify interpretations, and defend opinions. The decision on the candidate's performance on the examination shall be reported "pass" or "fail" to the College of Graduate Studies no later than one week prior to the last day of classes in the quarter in which the student plans to graduate.

The comprehensive examination may be divided into two parts. The department in which the student plans to graduate may elect to conduct part one of the examination over graduate course work when all the courses in the student's planned program of study are completed. If the department chooses this option, part two of the examination will be the defense of the thesis only. If the department does not select this option, the examination will be held at one sitting with the examination of the course work and the defense of the thesis included.

Dissertation Defense Procedure

The oral dissertation defense will be conducted by the dissertation committee chair and must be attended by all members of the committee. This meeting is open to all members of the University community. The dissertation defense must be completed by the final date for dissertation defense established by the College of Graduate Studies for each quarter. The candidate's performance on the dissertation defense will be reported in writing as "pass" or "fail" by the dissertation committee chairperson to the College of Graduate Studies at least two weeks prior to graduation.

Requirements for Graduation

Subject to the limitations and qualifications stated elsewhere in the Catalog, the requirements for an advanced degree are as follows:

1. A minimum of three quarters (one academic year) or three summer sessions in residence.
2. Satisfactory completion of course work and other requirements appropriate to the advanced degree for which the student is a candidate.
3. Graduate Application for Graduation must be filed in the Office of the Registrar by the application deadline listed in the official academic calendar.

4. Refer to the calendar in the graduate catalog for the final dates for filing an application for graduation each quarter.

The graduation fee must be paid and all other financial obligations or “holds” must be satisfied before a student is cleared for graduation.

Grading System

The “A” grade may be interpreted to mean that the instructor recognized the student’s exceptional mastery of the course material.

The grade of “B” indicates that the student has demonstrated an above average mastery of the course material.

The “C” grade is the instructor’s certification that the student has demonstrated minimal mastery of the course material.

The student is graded “D” or “F” when his/her grasp of the course material is unacceptable.

No grade below a “C” may apply toward any graduate degree.

An “IP” symbolizes an incomplete in progress. It is used for credit designed to extend over more than one quarter, i.e. dissertation, thesis, internship and practicum credit.

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 beyond his/her control. An “I” must be removed by the end of the fourth quarter (one calendar year) following the quarter in which it was recorded. It is the student’s responsibility to insure that the course work is completed. If the “I” is not satisfactorily removed at the appropriate time it will be changed to an “F”.

An “S” indicates that credit has been given for completion of degree requirements other than academic course work.

The symbol “U” indicates unsatisfactory performance in an attempt to complete degree requirements other than academic course work.

Neither “S” nor “U” is included in the computation of the GPA.

A student who registers for a course and finds that he/she has made an error at registration must make the official change through drop/add. Under no conditions may a student earn credit for a course unless he/she is registered officially for the course. It is the student’s responsibility to follow the proper procedures in changing courses.

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.

Withdrawal from Course/School

A “W” is employed to indicate official withdrawal from a course without penalty. It is assigned in all cases in which a student withdraws before the mid-point of the quarter. Beyond the mid-term a “WF” will be assigned except in cases of hardship as determined by the Instructor. A “W” is not considered in computing the GPA. The “WF” is computed as an “F”.

Any withdrawal from a course must be approved by the instructor and the student’s advisor. Any student who discontinues attending a class for which he/she is registered will receive an “F” unless he/she officially (by appropriate signatures) withdraws from the course at the time he/she ceases to attend.

Prior to first day of classes, a student should complete a preregistration voluntary cancellation form obtained from and returned to Registrar’s Office. Any student who wishes to withdraw from school during the quarter must present an official Withdrawal From School Form to the Registrar. If a student is only taking one course at the time of withdrawal, he/she must complete this withdrawal form. Failure to do so will result in the assignment of failing grades in all courses for which the student registered. Withdrawal is not permitted after the last day of class. Withdrawing from school in any one quarter does not prevent the student from registering in subsequent terms.

Petition to Review/Change a Grade

See Academic Information

Grade Point Average

The cumulative grade point average is the grade average made by a student on all work for which he/she has enrolled. It is obtained by dividing the total number of grade points earned by the total number of quarter hours attempted. Courses carrying an “S” grade are not included.

When courses in which a student has made a grade of “D” or “F” are repeated, the last earned grade is the official grade. However, all hours attempted are counted in computing the grade point average.

Unit of Credit

The University year is organized on the quarter system, each of the four quarters in the regular session extending over a period of approximately eleven weeks.

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

Transcripts

A complete copy of the student’s academic record (transcript) may be obtained by presenting a written request to the Registrar. Telephone requests will not be honored. Two weeks must be allowed for processing a transcript request. There is no charge for transcript services.

Academic Common Market

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. If a student majors in disciplines at Georgia Southern 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. Please contact the Registrar’s Office at 912-681-0862 for more details.

Border County Fee Waiver

Graduate students who are legal residents of out-of-state counties bordering on Georgia counties an institution of the University System is located and who are enrolled in said institution may be eligible for a fee waiver based upon the Border County rule. For more information, please contact the Registrar’s Office at 912-681-0862.

Financial Aid Programs

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.

Most financial aid at Georgia Southern is awarded on the basis of a student's academic progress and proven "financial need." "Financial need" is 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) to determine such need.

Contact the Financial Aid Department personnel at (912) 681-5413, for help with questions and problems.

The Financial Aid Department, part of the Division of Student Affairs, is located on the ground floor of Anderson Hall. Mailing address: Department of Financial Aid, Post Office Box 8065, Georgia Southern University, Statesboro, Georgia 30460-8065.

Assistantship Programs

The following is a listing of the programs available at Georgia Southern University.

Graduate Assistantships—Qualified students may be given financial aid in the form of assistantships while pursuing work leading to a graduate degree. To be eligible for appointment as a graduate assistant, the applicant must have unqualified admission to the College of Graduate Studies under the "Regular" classification.

Persons holding assistantships and teaching fellowships are expected to render certain services to the university. The head of the college, program, or administrative office to which the student is assigned will outline the required duties. Students are generally expected to work fifteen hours per week.

A graduate assistant must register for and earn credit for ten quarter hours of graduate course work leading to the degree during each and every quarter in which he or she holds the assistantship, but may not without special permission register for more than forty-five hours of course work during the academic year or fifteen quarter hours during the quarter in which the appointment is held. A graduate assistant must also maintain a 3.0 GPA.

A graduate student must remove an "I" during the quarter following the quarter in which the "I" was recorded or the assistantship may be discontinued. If the graduate student chooses to relinquish the assistantship, he/she will have one calendar year to complete the course work required to remove the "I".

Applications for graduate assistantships may be obtained from Dean of the College of Graduate Studies, PO Box 8008 or The College of Graduate Studies, PO Box 8113.

Regents Opportunity Grant for Graduate and Professional Students

The Regents Opportunity Grant for graduate and professional students is a state program for economically disadvantaged students who are enrolled full-time in approved graduate programs at University System of Georgia schools. The application deadline is August 1. Applications received after the deadline may be considered contingent upon available funds. Awards are made in August each year. Contact the College of Graduate Studies.

Hope Teacher Scholarship

The HOPE Teacher Scholarship is funded by the Georgia Lottery for Education and is a component of the HOPE Scholarship Program, a division of the Georgia Student Finance Authority. The scholarship provides financial assistance to teachers, counselors, and individuals who are seeking advanced degrees in critical fields of study. Scholarship recipients agree to teach in a Georgia public school at the preschool, elementary, or secondary level after graduation. If a recipient fails to meet this obligation, the scholarship becomes a loan, which must be repaid in cash, with interest.

One thousand scholarships are available for the 1997-98 academic year and will be awarded on a first-come, first-served basis. Award Amounts are based on the number of courses required to complete the degree program. Awards can be used to attend any quarter during the year and will be based on the student's cost of attendance, any other scholarship and grants the student is receiving, and the number of quarter hours the student is enrolled each term.

The maximum awards for each term depend on the number of credit hours for which the student is enrolled.

Eligibility Requirements for Hope teacher Scholarships:

In order to apply and be selected, you must:

1. Be a legal resident of Georgia;
2. Be a United States Citizen or Permanent Resident Alien who meets the definition of an eligible non-citizen under Federal Title IV requirements;
3. Be admitted into graduate school and into an advanced degree teacher education program in a critical field of study (listed in Part A, Item 19 of the application);
4. Be certified by the Department of Education teacher certification official at the eligible institution to be admitted into an advanced degree teacher education program in a critical field of study leading to certification;
5. Agree to teach in a Georgia public school at the preschool, elementary, middle, or secondary level after graduation;
6. Not owe a refund on a grant or scholarship previously received under any State of Georgia or Federal program for attendance at any post-secondary educational institution; and,
7. Not be in default on a loan previously obtained under any State of Georgia or Federal program for attendance at any postsecondary educational institution.

College of Business Administration

MASTER OF BUSINESS ADMINISTRATION

M.B.A.

48 HOURS

Advising: College of Business Administration, Dr. J. Michael McDonald, P.O. Box 8125, Statesboro, GA 30460,
(912) 681-5231, mmcdonald@gasou.edu

Admission Requirements

Regular:

A prospective candidate for the MBA degree who meets all requirements for unqualified admission and has been recommended by the Director of Graduate Studies in the College of Business Administration and approved by the College of Graduate Studies is classified as a regular degree student. A student with a standard formula score of 1000 or higher will be admitted as a regular MBA student (or with an upper-level score of 1050 or higher)*. Student transcripts are evaluated for common body of knowledge/prerequisite requirements prior to admission. The requirement to make up deficiencies in common body of knowledge/prerequisite courses is listed on the notification of acceptance as a condition of acceptance.

* - Standard formula score calculated by multiplying undergraduate GPA times 200 plus the GMAT score, [(UGPA x 200) + GMAT => 1000]. Upper level formula is [(LAST 90 QUARTER HOURS UGPA x 200) + GMAT => 1050].

Provisional:

A prospective candidate for a degree who does not satisfy the full admission requirements as defined by the standard formula* may be classified in this category under conditions specified at the time of admission by the College of Graduate Studies upon the recommendation of the Director of Graduate Studies in the College of Business Administration. A student with an index equal or greater than 950 and less than 1000 will be admitted as a Provisional MBA student provided the undergraduate GPA is 2.80 or higher, or the GMAT score is 470 or higher. A student admitted in this category will be required to make a grade of "B" or higher in each of the first three (twelve hours) graduate courses. Only credit earned at Georgia Southern University may be used to satisfy this admission requirement. A student admitted in this category will be reclassified to regular admission when the conditions have been met. *Failure to satisfy the conditions in the specified course limit will result in the student's ineligibility to continue work in the MBA program.*

Non-degree Limited:

An applicant admitted to the College of Graduate Studies but not to the MBA degree program is limited to earning a total of twelve (12) quarter hours credit in graduate courses. 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 90 quarter hours) GPA is 3.50 or higher. Once admitted under this classification, an acceptable GMAT score must be submitted by the completion of the third graduate level course in order to continue with additional graduate courses in the MBA program. The requirement to make up deficiencies in required common-body-of-knowledge/prerequisite courses is listed on the notification of acceptance as a condition of acceptance. Graduate credit earned under this classification may not count toward the degree program except as approved by the Director of Graduate Studies in the College of Business Administration.

Prerequisites

- BA 740 Fundamentals of Accounting (4)
- BA 741 Fundamentals of Corporation Finance (4)
- BA 742 Fundamentals of Computer Information Systems (4)
- BA 743 Fundamentals of Economics (4)
- BA 744 Fundamentals of Legal Environment of Business (4)
- BA 745 Fundamentals of Management & Organizational Behavior (4)
- BA 746 Fundamentals of Marketing (4)
- BA 747 Fundamentals of Quantitative Methods Program of Study (4)

General Requirements 36 Hours

- BA 940 Managerial Quantitative Methods (4)
- BA 941 Accounting for Management (4)
- BA 942 Managerial Economics (4)
- BA 943 Marketing Seminar (4)
- BA 944 Financial Problems (4)
- BA 945 Organizational Behavior (4)
- BA 946 Production/Operations Management (4)
- BA 948 International Business (4)
- BA 949 Business Policy (4)

MBA Elective 12 hours

**MASTER OF BUSINESS ADMINISTRATION
ACCOUNTING CONCENTRATION**

M.B.A.

48 HOURS

Advising: College of Business Administration, Dr. Ralph Byington, P.O. Box 8141, Statesboro, GA 30460, (912) 681-5768, Byington@gsvms2.cc.gasou.edu, FAX: (912) 681-0105

Admission Requirements

Regular:

A prospective candidate for the MBA degree with an accounting concentration who meets all requirements for unqualified admission and has been recommended by the Director of Graduate Studies in the College of Business Administration and approved by the College of Graduate Studies is classified as a regular degree student. A student with a standard formula score of 1000 or higher will be admitted as a regular MBA student (or with an upper-level score of 1050 or higher)*. Student transcripts are evaluated for common body of knowledge/prerequisite requirements prior to admission. The requirement to make up deficiencies in common body of knowledge/ prerequisite courses is listed on the notification of acceptance as a condition of acceptance.

* - Standard formula score calculated by multiplying undergraduate GPA times 200 plus the GMAT score, [(UGPA x 200) + GMAT => 1000]. Upper level formula is [(LAST 90 QUARTER HOURS UGPA x 200) + GMAT => 1050].

Provisional:

A prospective candidate for a degree who does not satisfy the full admission requirements as defined by the standard formula* may be classified in this category under conditions specified at the time of admission by the College of Graduate Studies upon the recommendation of the Director of Graduate Studies and the Chair of the Department of Accounting in the College of Business Administration. A student with an index equal or greater than 950 and less than 1000 will be admitted as a Provisional MBA student provided the undergraduate GPA is a 2.80 or higher, or the GMAT score is a 470 or higher. A student admitted in this category will be required to make a grade of "B" or higher in each of the first three (twelve hours) graduate courses. Only credit earned at Georgia Southern University may be used to satisfy this admission requirement. A student admitted in this category will be reclassified to regular admission when the conditions have been met. *Failure to satisfy the conditions in the specified course limit will result in the student's ineligibility to continue work in the MBA program.*

Prerequisites

- ACC 353 Intermediate Accounting I (5)
- ACC 354 Intermediate Accounting II (5)
- ACC 355 Managerial Accounting I (5)
- ACC 453 Accounting Information Systems (5)
- ACC 455 Auditing (5)
- ACC 552 Income Taxation I (5)
- BA 740 Fundamentals of Accounting (4)
- BA 741 Fundamentals of Corporation Finance (4)
- BA 742 Fundamentals of Computer Information Systems (4)
- BA 743 Fundamentals of Economics (4)
- BA 744 Fundamentals of Legal Environment of Business (4)
- BA 745 Fundamentals of Management & Organizational Behavior (4)
- BA 746 Fundamentals of Marketing (4)
- BA 747 Fundamentals of Quantitative Methods (4)

General Requirements 40 Hours

- BA 940 Managerial Quantitative Methods (4)
- BA 942 Managerial Economics (4)
- BA 943 Marketing Seminar (4)
- BA 944 Financial Problems (4)
- BA 945 Organizational Behavior (4)
- BA 946 Production/Operations Management (4)
- BA 949 Business Policy (4)

Accounting Core:

- ACC 840 Seminar in Financial Accounting (4)
- ACC 841 Seminar in Auditing (4)
- ACC 843 Taxation of Corporations and Partnerships (4)

Accounting Electives - selected from the following courses 8 hours

- ACC 842 Seminar in Accounting Information Systems (4)
- ACC 940 Theory of Accounting (4)
- ACC 941 Auditing Practice (4)
- ACC 942 Taxation of Estates, Gifts, and Trusts (4)
- ACC 943 Advanced Business Planning (4)
- ACC 944 Current Topics in Financial Accounting (4)

MASTER OF ACCOUNTING**M.Acc.****48 HOURS**

Advising: College of Business Administration, Department of Accounting, Dr. Ralph Byington, P.O. Box 8141, Statesboro, GA 30460, (912) 681-5768, Byington@gsvms2.cc.gasou.edu, FAX: (912) 681-0105

Admission Requirements**Regular:**

A prospective candidate for the MAcc degree who meets all requirements for unqualified admission and has been recommended by the Director of Graduate Studies in the College of Business Administration and approved by the College of Graduate Studies is classified as a regular degree student. A student with a standard formula score of 1000 or higher will be admitted as a regular MBA student (or with an upper-level score of 1050 or higher)*. Student transcripts are evaluated for common body of knowledge/prerequisite requirements prior to admission. The requirement to make up deficiencies in common body of knowledge/prerequisite courses is listed on the notification of acceptance as a condition of acceptance.

* - Standard formula score calculated by multiplying undergraduate GPA times 200 plus the GMAT score, [(UGPA x 200) + GMAT => 1000]. Upper level formula is [(LAST 90 QUARTER HOURS UGPA x 200) + GMAT => 1050].

Provisional:

A prospective candidate for a degree who does not satisfy the full admission requirements as defined by the standard formula* may be classified in this category under conditions specified at the time of admission by the College of Graduate Studies upon the recommendation of the Director of Graduate Studies and the Chair of the Department of Accounting in the College of Business Administration. A student with an index equal or greater than 950 and less than 1000 will be admitted as a Provisional MAcc student provided the undergraduate GPA is a 2.80 or higher, or the GMAT score is a 470 or higher. A student admitted in this category will be required to make a grade of "B" or higher in each of the first three (twelve hours) graduate courses. Only credit earned at Georgia Southern University may be used to satisfy this admission requirement. A student admitted in this category will be reclassified to regular admission when the conditions have been met. *Failure to satisfy the conditions in the specified course limit will result in the student's ineligibility to continue work in the MAcc program.*

Prerequisites

- ACC 353 Intermediate Accounting I (5)
- ACC 354 Intermediate Accounting II (5)
- ACC 355 Managerial Accounting I (5)
- ACC 453 Accounting Information Systems (5)
- ACC 455 Auditing (5)
- ACC 552 Income Taxation I (5)
- BA 740 Fundamentals of Accounting (4)
- BA 741 Fundamentals of Corporation Finance (4)
- BA 742 Fundamentals of Computer Information Systems (4)
- BA 743 Fundamentals of Economics (4)
- BA 744 Fundamentals of Legal Environment of Business (4)
- BA 745 Fundamentals of Management & Organizational Behavior (4)
- BA 746 Fundamentals of Marketing (4)
- BA 747 Fundamentals of Quantitative Methods (4)

General Requirements 16 hours

- ACC 840 Seminar in Financial Accounting (4)
- ACC 841 Seminar in Auditing (4)
- ACC 842 Seminar in Accounting Information Systems (4)
- ACC 843 Taxation of Corporations and Partnerships (4)

Accounting electives - selected from the following courses 16 hours

- ACC 940 Theory of Accounting (4)
- ACC 941 Auditing Practice (4)
- ACC 942 Taxation of Estates, Gifts, and Trusts (4)
- ACC 943 Advanced Business Planning (4)
- ACC 944 Current Topics in Financial Accounting (4)

Legal studies 4 hours

- LST 640 Law and Ethics for Accountants (4)

Business electives - selected from the following courses 12 hours

- BA 894 Investment Management (4)
- BA 895 Social Issues in Business (4)
- BA 943 Marketing Seminar (4)
- BA 944 Financial Problems (4)
- BA 945 Organizational Behavior (4)
- BA 946 Production/Operations Management (4)
- BA 948 International Business (4)

College of Education

Master of Education Programs

Master of Education (M.Ed.) degree programs are offered in 22 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 sixty quarter hours, including a minimum of fifteen hours in the professional education “Core” and a minimum of twenty-five hours in the content field of the major. Since programs of study in all areas are planned to enable students to meet the certification 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 will be recommended for the appropriate Georgia Level Five Professional Certificate.

M.Ed. programs of study must include at least 50% “graduate only” courses. However, students and their advisors are strongly encouraged not to include more than one split-level course in the program of study.

Alternative M.Ed. Programs

Alternative teacher preparation programs are available to individuals who hold a bachelor’s degree and seek initial certification. These alternative programs are designed to support completion of the M.Ed. degree in selected areas of Secondary and P-12 Education and in Middle Grades Education. Three 25 graduate hour segments comprise the process of achieving Provisional Certification, Clear Renewable Level Four Teacher’s Professional Certification, and finally, the Master’s degree and Level Five Teacher’s Professional Certification.

Linked M.Ed. Programs

A collaborative relationship exists between Georgia Southern University and Armstrong Atlantic State University (AASU) and, as a result, selected M.Ed. programs are offered as “linked programs.” The “linked programs” include the M.Ed. in Early Childhood Education, Middle Grades Education, select Secondary Education programs, and Special Education. Students in these programs may take courses from either institution with easy transferability. Graduate advisor approval must be obtained in advance for courses to apply to the program of study. Students are required to complete a minimum of 15 quarter hours of their program at any of the residential sites of the degree-granting institution they have chosen. The residential sites for AASU are Chatham, Camden, and Bryan Counties. Effingham and Liberty Counties are residential sites for both AASU and Georgia Southern. The residential sites for Georgia Southern are all other counties in southeast Georgia. Additional information can be obtained from the College of Education or the College of Graduate Studies at Georgia Southern University.

Off-Campus Graduate Offerings

M.Ed. programs in Adult Education, Counselor Education, Educational Leadership, and School Psychology are offered in Savannah. Major portions of M.Ed. programs in Early Childhood Education, Middle Grades Education, and select Secondary and P-12 Education programs are offered in Savannah, Brunswick, and other off-campus sites. Core courses and various content courses are offered regularly at various off-campus and distance learning sites.

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. Possess or be eligible for the Professional Level Four Certificate in the proposed field of study, and two exceptions to this requirement exist:
 - a. Applicants who hold a bachelor’s degree outside the field of education may have their transcripts evaluated and apply admission into the Alternative M.Ed. Program.
 - b. Certain M.Ed. programs do not require an applicant to possess or be eligible for Level Four certification in the particular field. These include: Adult Education, Counselor Education, Educational Leadership, Higher Education Student Services, Instructional Technology, Reading Specialist, School Psychology, and Special Education. Refer to the program for specific information.
3. Present a 2.50 (4.0 scale) grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Records Examination (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT). The M.Ed. program in School Psychology has different admission requirements; refer to the program for specific information.

Provisional Admission

A student may be granted provisional admission if the requirements listed in one and two for “regular admission” are met and the grade point average and test scores fall within the following parameters: (1) A grade point average of at least 2.20 (4.0 scale), and (2) a score of at least 35 on the MAT or a score of 400 on the verbal subtest and 400 on either the quantitative or analytical subtests of the GRE. The M.Ed. program in Special Education allows for provisional admission without the certification requirement by prescribing prerequisite coursework for regular admission. Refer to the program for specific information. Provisional admission is not available for the M.Ed. program in School Psychology; however, those who are denied regular admission into this program may appeal the decision through the Exceptions Committee. Provisional admission for a grade point average below 2.50 is not available for admission into the Alternative M.Ed. Programs.

Admission by Appeal

A student who does not meet the grade point average and/or the test score criteria for provisional admission may appeal for admission to the College of Education Exceptions Committee. The Exceptions Committee examines additional information in support of a student’s request for admission to a graduate program and makes recommendations to the Dean of the College of Education. Information required in the appeals process may be secured by contacting the College of Graduate Studies. In order for the Exceptions Committee to hear an appeal, the student must have a grade point average of at least 2.20 and a score of at least 27 on the MAT or 350 on the verbal subtest and 350 on either the quantitative or analytical subtest of the GRE. These are system-wide minimum requirements set by the Board of Regents. Students who are successful in the appeals process will be admitted “provisionally” to the M.Ed. program in the College of Graduate Studies and will be expected to meet requirements for “regular admission” during the first 15 quarter hours of graduate work after admission.

M.Ed. Comprehensive Exit Examination

A written and/or oral comprehensive examination is required of students seeking the Master of Education degree. The examination consists of two parts: (1) a written examination on the M.Ed. “core,” and (2) a written and/or oral examination on the content area. The examination is offered each quarter. In order to take the examination, students must have completed the core courses and at least 30 quarter hours in the content area and must have an approved program of study on file with the College of Graduate Studies. Students must apply for the examination in the College of Education departmental office for their particular field study, having first received advisor’s approval and verification that requirements have been met. The following registration deadlines must be met:

- September 30 for the Fall Quarter Exam
- January 15 for the Winter Quarter Exam
- April 1 for the Spring Quarter Exam
- June 15 for the Summer Quarter Exam

Students are eligible to receive the M.Ed. degree at the close of the quarter upon completion of all course work in the planned program and a satisfactory performance on both the core and content parts of the comprehensive examination. For specific information on the core and content examinations, contact the Chair or assigned graduate advisor for the field of study.

Non-Degree Graduate Studies/Endorsements

Initial certification may be achieved through non-degree graduate and/or undergraduate course work in all certification areas except Counselor Education. The Alternative M.Ed. Programs are recommended instead of non-degree work in available teaching fields. A transcript evaluation is required for advisement in non-degree work if initial certification is sought. Persons may add certification fields as non-degree students; however, for all teaching fields, a letter outlining requirements from the Georgia Professional Standards Commission is required for advisement. Courses may also be taken for recertification and professional enrichment through non-degree status.

Certification requirements may be met in specific fields as an endorsement to a professional certificate in teaching, service, or leadership fields and may be accomplished through non-degree course work. Endorsement programs are available as in the following areas: English for Speakers of Other Languages (ESOL), Gifted Education, Teacher Support Specialist (TSS), Leadership Endorsements, Coordinator of Cooperative Education (CVAE), Diversified Cooperative Training (DCT), and Related Vocational Instruction (RVI). Contact the Teacher Certification Programs Coordinator for further information and/or transcript evaluation.

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 16 areas of study. Programs of study leading to the Ed.S. degree can be planned to 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. Typically students are not allowed to change fields of study at the Ed.S. level. However, select programs, including Educational Leadership, Instructional Technology, and Reading Specialist, allow for this possibility after transcript review and with the prescription of additional course work to the program of study.

The Ed.S. degree requires a program of study that includes a minimum of forty-five quarter hours of course work with at least a “B” average. The program of study must include a research sequence of ten to fifteen quarter hours (EDR 761, EDR 852, and a directed field-based research course in the field of study) and a minimum of twenty-five hours in the content field of the major. The combined Masters and Education Specialist programs must include a minimum of thirty-five hours in professional education courses and fifty hours in the instructional content field of the major. Upon admission into the Ed.S. program, the student is responsible for meeting with the assigned graduate faculty 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 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. Possess or be eligible for the Professional Level Five Certificate in the proposed field of study based on a Master’s degree from a regionally accredited institution. For admission to the School Psychology program, the applicant must possess or be eligible for the Non-Renewable Level Five Certificate.
2. Present a 3.25 (4.0 scale) grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Records Examination (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

A graduate student who is within ten hours of completing a Master’s program may enroll for a maximum of five quarter hours of graduate credit toward an Ed.S. program provided: (1) a completed application to the Ed.S. program has been submitted to the College of Graduate Studies; (2) except for the degree, the student meets all criteria for unqualified admission to graduate study in the Ed.S. program; (3) permission to enroll in such courses is approved by the College of Graduate Studies upon the recommendation of the graduate faculty advisor of the Ed.S. program in which the applicant proposes to study; (4) the total number of hours of course work for the term does not exceed fifteen hours of graduate credit; and (5) the comprehensive examination for the Master’s program has been successfully completed or is scheduled to be taken during the final quarter of the Master’s program. For any course work to count toward the Ed.S. program, the comprehensive examination must be successfully completed by the end of the quarter in which the course is taken. Under no circumstances may a course be used for credit in both a student’s Master’s and Education Specialist programs of study.

Credit earned before admission into the Ed.S. program will not count toward the degree.

Provisional admission does not exist for the Ed.S. program.

Admission by Appeal

A student who does not meet the grade point average and/or test score criteria for admission may appeal for admission to the College of Education Exceptions Committee. The Exceptions Committee examines additional information in support of a student's request for admission to a graduate program and makes recommendations to the Dean of the College of Education. Information required in the appeals process may be secured by contacting the College of Graduate Studies.

Ed.S. Comprehensive Exit Assessment

To complete degree requirements for the Ed.S. degree, each student must demonstrate the ability to conduct and present a field-based research project. The student and the graduate faculty advisor should consider possible research topics that complement the student's career objectives and program of study. Upon enrollment in EDR 852, Field-Based Educational Research, the second course in the research sequence, the student is expected to have formulated a research topic and will select three graduate faculty members to serve on an Advisory Team. This team will approve the research topic, mentor the progress of the research, and attend a formal presentation of the research. The team will be comprised of a content area instructor, the student's graduate advisor, and one member of the student's choice selected with the advisor's approval. The third member may be from a field outside the student's major area. The research proposal developed in EDR 852 will include the statement of the problem, a literature review, and research methodology. In the directed field-based research course specific to the field of study, the student engages in guided field research to develop inquiry and problem-solving skills and implements the proposal developed in EDR 852. The instructor, collaborating with the Advisory Team, is responsible for evaluation of the research project/thesis and assigns a final course grade. A formal presentation of the research is made during which the Ed.S. candidate orally shares the research and related findings. The presentation may be up to forty minutes followed by a period when the student's Advisory Team or others attending may make inquiry pertaining to the research being presented. The entire presentation and inquiry session should not exceed one hour and should be open to all faculty and students.

Doctor of Education Programs

Doctor of Education (Ed.D.) degree programs are offered in the areas of Curriculum Studies and Educational Administration.

The Ed.D. program in Curriculum Studies prepares graduates to work directly in the schools as master teachers, curriculum supervisors, curriculum coordinators, curriculum consultants, or curriculum theorists, as well as gain employment in government and private agencies. The design of the Ed.D. program in Curriculum Studies strikes a triadic balance between general core studies in Curriculum and the Foundations of Education, courses in Research and Scholarly Inquiry, and studies in an Emphasis area, representing a unique and contemporary approach to doctoral study in Curriculum.

See program for specific information on admission, program of study, and other requirements.

The Ed.D. degree program in Educational Administration 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, including the quality schools literature and the cognitive development models currently used in many preparation programs. A new cohort of students is admitted each Fall term and moves through the program together. Three study options are available within the Ed.D. program in Educational Administration based on individuals' backgrounds:

Option A: For persons holding the Education Specialist degree and/or the Level Six certificate in Educational Leadership,

Option B: For persons holding the Master's degree and/or the Level Five certificate in Educational Leadership, or

Option C: For persons holding the Master's degree presently employed at post-secondary institutions.

See program for specific information on admission, program of study, and other requirements.

MASTER OF EDUCATION, ADULT EDUCATION**M.Ed.****60 HOURS**

Advising: Department of Educational Leadership, Technology, and Human Development, Dr. Catherine Hansman, P.O. Box 8131, Statesboro, GA 30460, (912) 681-5307, chansman@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed requirements for a bachelor's degree from a regionally accredited institution. May be admitted from any undergraduate field of study.
2. Present a 2.50 grade point average or higher on all undergraduate work.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Present a 2.20 grade point average or higher on all undergraduate work.
3. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements** **5 hours**

EDR 751 Educational Research (5)

Specialized Content for Teaching **55 hours**

Required Courses (45 hours)

AED 751 The Adult Learner (5)

AED 757 Foundations of Adult Education (5)

AED 752 Strategies for Teaching Adults (5)

AED 852 Administration of Adult and Postsecondary Programs (5)

FED 870 Foundations of Multicultural Education (5)

HED 851 American College Student (5)

EDT 888 Educational Computing For School Leaders (5)

AED 850 Program Planning in Postsecondary Education (5)

AED 851 Practicum in Adult Education (5) (non-thesis option) or EDR

761 Introduction to Statistics In Education (5) (thesis option) Electives

(10 hours) (Must have advisor approval) (non-thesis option) or AED 899

Thesis in Adult Education (10) (thesis option)

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, ART EDUCATION**M.Ed.****60 HOURS**

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 Art Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 Art Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements** **15 hours**

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)

Specialized Content for Teaching **30 hours**

- Professional Education Elective (5 hours)
- SED 855 Seminar in Secondary Education (5)
- MG 855 Seminar in Middle Grades Education (5)
- EC 855 Seminar in Early Childhood Education (5)
- EDL 787 Legal Responsibilities of School Personnel (5)
- FED 763 Comparative Educational Thought (5)
- FED 870 Foundations of Multicultural Education (5)
- FED 872 Philosophical Foundations of Education (5)
- FED 874 History of American Education (5)
- FED 876 Social Foundations of Education (5)
- Art Content Course Electives (25 hours)

Electives **15 hours**

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, BUSINESS EDUCATION**M.Ed.****60 HOURS**

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 Business Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 Business Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements** **20 hours**

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- SED 855 Seminar in Secondary Education (5)

Specialized Content for Teaching **35 hours**

Business content courses. Must have advisor approval.

Electives **5 hours**

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, COUNSELOR EDUCATION M.Ed. 60 HOURS

Advising: Department of Educational Leadership, Technology and Human Development, Dr. Mary Jackson (School Counseling), P.O. Box 8131, Statesboro, GA 30460, (912) 681-5736, mjackson@gsvms2.cc.gasou.edu, FAX: (912) 681-5093 or Dr. Leon Spence (Community Counseling), P. O. Box 8131, Statesboro, GA 30460, (912) 681-5917, lesponce@gsvms2.cc.gasou.edu, FAX: (912) 681-5093.

Admission Requirements

The Counselor Education program prepares counselors for elementary, middle level, secondary, or postsecondary educational and related agency settings. There are three degree program options based on educational background and career goals:

Option One: School Counseling - Requires Professional Level Four Certification in a teaching field for admission. This option is designed for those who have a background in teaching and who wish to pursue a career in School Counseling.

Option Two: School Counseling - Does not require Professional Level Four Certification for admission. This option is designed for those who do not have a background in teaching to pursue a career in School Counseling.

Option Three: Community Counseling - This option is designed for those who seek counselor preparation for a variety of settings not requiring Level Five Certification in School Counseling for employment.

Regular:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Option A: Possess or be eligible for a Professional Level Four Certificate or equivalent in a teaching field.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies

Test (MAT).

5. Complete Counselor Education Program Application Packet (available from Office of Graduate Studies).

Provisional:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Option A: Possess or be eligible for a Professional Level Four Certificate or equivalent in a teaching field.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

5. Complete Counselor Education Program Application Packet (available from Office of Graduate Studies).

Adding Field:

Persons with a Level Five Certificate other than School Counseling may earn the School Counselor Level Five Certificate by completing the M.Ed. in Counselor Education. Up to three courses from a previous M.Ed. program may be applied toward degree requirements. Persons holding a Master's degree in a counseling field other than School Counseling (with a probationary or provisional counseling certificate issued by the Professional Standards Commission) may add School Counseling by completing 30 hours in Counselor Education. Persons holding a Level Six or Level Seven Certificate in another field may add School Counseling by completing 45 hours in Counselor Education. The M.Ed. in Counselor Education does not permit persons to add the field as a non-degree student. All Counselor Education majors seeking recommendation for professional certification must document three years of teaching or related school experience or complete a total of three 300-hour School Counseling Internships. The two additional quarters' internships may be completed while employed under a probationary or provisional (S-5) certificate.

Prerequisites - None

Program of Study

Option One: School Counseling

A 60-hour program including a minimum of 45 hours in Counselor Education content courses based on individual evaluation.

Option Two: School Counseling

A 60-hour program including a minimum of 45 hours in Counselor Education content courses based on individual evaluation. However, to obtain the professional Level Five certificate in School Counseling, an additional two-quarter internship must be completed in a school setting. This internship is in addition to the basic 60 quarter hour M.Ed. program and replaces the three years of acceptable educational experience required for professional certification as a school counselor.

Option Three: Community Counseling

A 60-hour program including a minimum of 40 hours in Counselor Education content courses based on individual evaluation.

School Counseling (Options One and Two)

Professional Education Core Requirements **15 hours**

EDR 751 Educational Research (5)

FED 851 Nature and Conditions of Learning (5)

CUR 851 Principles of Curriculum (5)

(Continued on next page)

MASTER OF EDUCATION, COUNSELOR EDUCATION**(Continued)****Specialized Content 45 hours**

- CED 865 Educational Testing and Individual Analysis (5)
- CED 852 Counseling Theory and Process (5)
- CED 853 Career Counseling (5)
- CED 863 Counseling Models and the Helping Relationship (5)
- CED 855 Counseling Practicum (5)
- CED 894 Counseling Internship (5) (Requires a minimum of 300 on-the-job hours.)

Option Two: An additional two-quarter internship (10 hours) must be completed in a school setting for certification.

- CED 857 Group Procedures (5)
- CED 860 Seminar in Guidance (5)
- CED 851 Elementary/Middle School Counseling (5) or
- CED 867 Development Through the Lifespan (5)

Community Counseling (Option Three)**Professional Education Core Requirements 10 hours**

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)

Specialized Content 50 hours

- CED 852 Counseling Theory and Process (5)
- CED 863 Counseling Models and the Helping Relationship (5)
- CED 855 Counseling Practicum (5)
- CED 857 Group Procedures (5)
- CED 865 Educational Testing and Individual Analysis (5) or
- CED 862 Interpretation of Psychoeducational Tests (5)
- CED 853 Career Counseling (5) or
- CED 871 Vocational Assessment (5)
- CED 880 Community Counseling (5)
- CED 882 Cross-Cultural Counseling (5)
- CED 894 Counseling Internship (5) (Requires a minimum of 300 on-the-job hours)

Related Specialized Content (5 hours from the following)

- CED 881 Family Counseling (5)
- CED 864 Addiction Counseling (5)

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination

MASTER OF EDUCATION, EARLY CHILDHOOD EDUCATION M.Ed. 60 HOURS

Advising: College of Education, Department of Early Childhood Education and Reading, Dr. Beverly Stratton, P.O. Box 8083, Statesboro, GA 30460, (912) 681-5121, bevstrat@gsvms2.cc.gasou.edu FAX: (912) 681-5093

Admission Requirements

Regular:

1. Completed 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 or Elementary Education (P-5).
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 or Elementary Education (P-5).
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None

Professional Education Core Requirements 20 hours

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- EC 855 Seminar in Early Childhood Education (5)

Specialized Content for Teaching 30 hours

Must have advisor approval. Must include courses which span three content areas.

Electives 10 hours

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, EDUCATIONAL LEADERSHIP M.Ed. 60 HOURS

Advising: College of Education, Department of Educational Leadership, Technology & Human Development, Dr. Ron Davison, P.O. Box 8131, Statesboro, GA 30460, (912) 681-0201, rdavison@gsvms2.cc.gasou.edu FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements 20 hours**

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- EDT 780 Introduction to Instructional Uses of Computers in Education (5) or
- EDT 888 Educational Computing for School Leaders (5)

Specialized Content 30 hours

- EDL 763 Educational Administration and Organization (5)
- EDL 774 School Supervision (5)
- EDL 862 Administering School Personnel (5)
- EDL 789 Fiscal and Facilities Management of Schools (5)
- EDL 787 Legal Responsibilities of School Personnel (5)
- EDL 790 Supervised Field Experience (5)

Electives 10 hours

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, ENGLISH EDUCATION**M.Ed.****60 HOURS**

Advising: College of Education, Department of Middle Grades Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 English Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 English Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements** **20 hours**

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- SED 855 Seminar in Secondary Education (5)

Specialized Content For Teaching **34 hours**

Required courses (10 hours)

- SED 890 Teaching Young Adult Literature in the Secondary School (5)
- SED 865 Integrated Language Arts for the Secondary School (5)

English Content Course Electives (24 hours)

To include literature, language, and composition courses. Must have advisor approval.

Electives **6 hours**

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, FRENCH EDUCATION**M.Ed.****60 HOURS**

Advising: College of Education, Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 French Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 French Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements 15 hours**

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)

Specialized Content for Teaching 30 hours

Professional Education Elective (5 hours)

- SED 855 Seminar in Secondary Education (5)
- MG 855 Seminar in Middle Grades Education (5)
- EC 855 Seminar in Early Childhood Education (5)
- EDL 787 Legal Responsibilities of School Personnel (5)
- FED 763 Comparative Educational Thought (5)
- FED 870 Foundations of Multicultural Education (5)
- FED 872 Philosophical Foundations of Education (5)
- FED 874 History of American Education (5)
- FED 876 Social Foundations of Education (5)

Required French Courses (10 hours)

- FRE 650 Advanced French Composition and Grammar (5)
- FRE 851 Second Language Acquisition in French (5)

French Content Course Electives (15 hours)

Electives 15 hours

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, GERMAN EDUCATION**M.Ed.****60 HOURS**

Advising: College of Education, Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 German Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 German Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements 15 hours**

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)

Specialized Content for Teaching 30 hours

- Professional Education Elective (5 hours)
 - SED 855 Seminar in Secondary Education (5)
 - MG 855 Seminar in Middle Grades Education (5)
 - EC 855 Seminar in Early Childhood Education (5)
 - EDL 787 Legal Responsibilities of School Personnel (5)
 - FED 763 Comparative Educational Thought (5)
 - FED 870 Foundations of Multicultural Education (5)
 - FED 872 Philosophical Foundations of Education (5)
 - FED 874 History of American Education (5)
 - FED 876 Social Foundations of Education (5)

Required German Courses (10 hours)

- GER 650 Advanced Grammar and Composition (5)
- GER 851 Second Language Acquisition in German (5)

German Content Course Electives (15 hours)

Electives 15 hours

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, HEALTH & PHYSICAL EDUCATION M.Ed. 60 HOURS

Advising: College of Education, Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 Health and Physical Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 Health and Physical Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements** 15 hours

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)

Specialized Content for Teaching 45 hours

Non-Thesis Option: Student must complete 45 hours of course work in one of the following tracks: Health Education, Physical Education, Coaching Education

Thesis Option: Student must complete 35 hours of course work in one of the three tracks and 10 hours of thesis credit.

Health Education

Required Courses (30 hours)

- HTH 756 Women's Health Issues (5)
- HTH 763 Educational Strategies Chemical Dependency (5)
- HTH 764 Health and Human Sexuality for Educators (5)
- HTH 870 Health Planning and Evaluation (5)
- HTH 881 Research Methods in Health Science (5)
- FCS 776 Development in Middle and Aging Years (5)
- Health Education Course Electives (15 hours) Must have advisor approval.

Physical Education

Required Courses (30 hours)

- KIN 5205 Applications of Exercise Physiology (5)
- KIN 5245 Applications of Biomechanics (5)
- KIN 5250 Motor Control and Learning (5)
- KIN 5400 Physical Education and People with Disabilities (5)
- KIN 5410 Physical Education Measurement and Education (5)
- KIN 5450 Analysis of Teaching Physical Education (5)
- Physical Education Course Electives (15 hours) Must have advisor approval.

Coaching Education

Required Courses (35 hours)

- KIN 5205 Applications of Exercise Physiology (5)
- KIN 5245 Applications of Biomechanics (5)
- KIN 5260 Applications of Exercise and Sport Psychology (5)
- KIN 5500 Administration in Physical Education and Sport (5)
- KIN 5510 Socio-Cultural Issues in Sport (5)
- KIN 5520 Prevention, Recognition, and Care of Athletic Injuries (5)
- KIN 5530 Coaching Seminar (5)
- Coaching Education Course Electives (10 hours) Must have advisor approval.
- KIN 5199 Thesis (10 hours, Thesis Option Only)

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, HIGHER EDUCATION STUDENT SERVICES M.Ed. 70 HOURS

Advising: Department of Educational Leadership, Technology, & Human Development, Dr. Dale Grant, P.O. Box 8131, Statesboro, GA 30460, (912) 681-5425, dalegrant@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed requirements for a bachelor's degree from a regionally accredited institution. May be admitted from any undergraduate field of study.
2. Present a 2.50 grade point average or higher on all undergraduate work.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Present a 2.20 grade point average or higher on all undergraduate work.
3. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements 10 hours**

EDR 751 Educational Research (5)

EDR 761 Intro to Statistics (5)

Specialized Content 50-55 hours

Required Counselor Education Courses (25 hours)

CED 852 Counseling Theory and Process (5)

CED 853 Career Counseling (5)

CED 863 Counseling Models and the Helping Relationships (5)

CED 865 Educational Testing and the Helping Relationships (5)

CED 873 Consulting in Educational Settings (5) or

CED 857 Group Procedures (5)

Required Higher Education Courses (20 hours)

HED 851 American College Students (5)

HED 868 Ethical and Professional Issues in Higher Education (5)

HED 872 Student Services in Higher Education (5)

HED 894 Internship in Higher Education (5)

HED 899 Thesis (10) or

HED 895 Action Research in Higher Education (5) (non-thesis option)

Elective 5-10 hours

Specialty-based elective. 5 hours for thesis option; 10 hours for non-thesis option. Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, INSTRUCTIONAL TECHNOLOGY M.Ed. 60 HOURS

Advising: Department of Educational Leadership, Technology, & Human Development, Dr. Ken Clark , P.O. Box 8143, Statesboro, GA 30460, (912) 681-0002, kclark@gsvms2.cc.gasou.edu , FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 not holding Level Four Certification may be admitted; however, the program will exceed 60 hours.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 not holding Level Four Certification may be admitted; however, the program will exceed 60 hours.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - EXC 650 Identification and Education of Exceptional Students in the Regular Classroom (5)

Professional Education Core Requirements 15 hours

EDR 751 Educational Research (5)

FED 851 Nature and Conditions of Learning (5)

CUR 851 Principles of Curriculum (5)

Specialized Content 45 hours

EDT 753 Reference and Information Sources (5)

EDT 762 Production of Instructional Media (5)

EDT 752 Classification and Cataloging (5)

EDT 757 Organization and Administration of the Instructional Media Program (5)

EDT 750 Selection and Utilization of Instructional Media (5)

EDT 780 Applications of Computers in Education (5)

EDT 790 Practicum in Education Technology (5)

EDT 759 Intro to Instructional Design and Development (5)

EC 875 Multimedia Approach to Children's Literature (5) or

MG 861 Literature for the Early Adolescent (5)

Media Content Electives 0-15 hours

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, MATHEMATICS EDUCATION M.Ed. 60 HOURS

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 Mathematics Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 Mathematics Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None

Professional Education Core Requirements 20 hours

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- SED 855 Seminar in Secondary Education (5)

Specialized Content for Teaching 35 hours

Must have advisor approval.

MAT 852 History of Mathematics (0-5) Not required if taken at the undergraduate level.

Geometry/Algebra/Number Theory (5 hours from the following)

- MAT 666 Modern Algebra (5)
- MAT 754 Advanced Geometry (5)
- MAT 756 Number Theory (5)
- MAT 765 Fundamental Ideas of Algebra (5)
- MAT 857 Transformation Geometry (5)
- MAT 859 Projective Geometry (5)

Analysis (5 hours from the following)

- MAT 675 Functions of a Complex Variable (5)
- MAT 685 Analysis (5)
- MAT 760 Fundamental Ideas of Calculus (5)

Applications (5 hours from the following)

- MAT 652 Linear Programming (5)
- MAT 653 Numerical Analysis (5)
- MAT 654 Mathematical Models and Applications (5)*
- MAT 655 Mathematical Modeling and Optimization (5)*
- MAT 668 Applied Mathematics
- STA 651 Probability and Mathematical Statistics (5)*
- STA 672 Mathematical Statistics (5)*
- MAT 854 Fundamental Ideas of Probability (5)
- MAT 856 Fundamental Ideas of Statistics (5)

*Credit may not be obtained for both MAT 654 and MAT 655, or for both STA 651 and STA 672.

Specialized Mathematics Education Course (5 hours from the following)

- MG 856 Problems in Teaching Math the Middle Grades (5)*
- MAT 752 Teaching Middle School General Math (5)*
- MG 850 Teaching Middle Grades Mathematics (5)
- SED 864 Teaching Secondary Mathematics (5)*
- MAT 860 Teaching Algebra and Geometry (5)*

*Credit may not be obtained for both MG 856 and MAT 752, or for both SED 864 and MAT 860

Approved Mathematics Electives (10-15 hours)

Elective 5 hours

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, MIDDLE GRADES EDUCATION M.Ed. 60 HOURS

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None

Professional Education Core Requirements 20 hours

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- MG 855 Seminar in Middle Grades Education (5)

Specialized Content for Teaching 35 hours

Required Courses (10 hours from the following)

- MG 851 Planning a Middle School Program (5)
- MG 852 Interdisciplinary Instruction: Team Process (5)
- MG 853 Advisor/Advisee and Exploratory Programs (5)

Teaching Field Course Electives (25 hours)

Must include a minimum of 10 hours in each of two areas of concentration: Language Arts, Science, Mathematics,
Social Science, Health & PE, Art, Music

Electives 5 hours

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, MUSIC EDUCATION**M.Ed.****60 HOURS**

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093.

Admission Requirements**Regular:**

1. Completed 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 Music Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 Music Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Program of Study****Professional Education Core Requirements** **15 hours**

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)

Specialized Content for Teaching **30 hours**

Professional Education Elective (5 hours)

- SED 855 Seminar in Secondary Education (5)
- MG 855 Seminar in Middle Grades Education (5)
- EC 855 Seminar in Early Childhood Education (5)
- EDL 787 Legal Responsibilities of School Personnel (5)
- FED 763 Comparative Educational Thought (5)
- FED 870 Foundations of Multicultural Education (5)
- FED 872 Philosophical Foundations of Education (5)
- FED 874 History of American Education (5)
- FED 876 Social Foundations of Education (5)

Required Music Content Courses (25 hours)

- MUS 850 Technology in Music (5)
- Music Theory or Composition Elective or
- Music History or Literature Elective (5)
- MUS 862 Music Education Techniques in the 20th Century (5)
- MUS 952 Seminar in Music Education (5)

One course from the following:

- MUS 852 General Music (5)
- MUS 854 Advanced Choral Techniques and Materials (5)
- MUS 855 Advanced Instrumental Techniques and Materials (5)

Electives **15 hours**

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, READING SPECIALIST

M.Ed.

60 HOURS

Advising: Department of Early Childhood Education and Reading, Dr. Beverly Stratton, P.O. Box 8083, Statesboro, GA 30460, (912) 681-5121, bevstrat@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

Regular:

1. Completed 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 into the program if not seeking certification.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None

Professional Education Core Requirements 15 hours

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)

Specialized Content for Teaching 30 hours

Required Courses (25 hours)

- RDG 752 Diagnosis and Correction of Reading Difficulties (5)
- RDG 760 Middle and Secondary School Reading Strategies (5)
- RDG 759 Issues and Trends in Reading (5)
- RDG 854 Advanced Practicum (5)
- EC 755 Development of Language and Literacy in the Young Child (5)

Reading Content Elective (5 hours)

Electives 15 hours

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, SCHOOL PSYCHOLOGY **M.Ed.** **60 HOURS**

Advising: Department of Leadership, Technology & Human Development, Dr. Robert Martin, P.O. Box 8131, Statesboro, GA 30460, (912) 681-5051, bobmart@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

This program prepares psychologists to serve children and adolescents with learning, behavioral, or emotional problems in educational settings. The M.Ed. degree may be obtained after the successful completion of the prescribed program of study; however, the Level Six Certificate in School Psychology is required for Professional Certification in Georgia. Successful completion of the combined Master's and Specialist programs and an acceptable score on the Praxis II examination in School Psychology are required for the Renewable Level Six Certificate. Level Four Certification is not required for admission.

Regular:

1. Completed requirements for a bachelor's degree in the social sciences or in education from a regionally accredited institution.
2. A 2.50 (4.0 scale) grade point average or higher on all undergraduate work.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Records Examination (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).

Provisional:

No provisional admission into the M.Ed. program in School Psychology.

Prerequisites - None

Professional Education Core Requirements **15 hours**

- CUR 851 Principles of Curriculum (5)
- FED 851 Nature and Conditions of Learning (5)
- EDR 751 Educational Research (5)

Specialized Content **35 hours**

- CED 852 Counseling Theory and Process (5)
- CED 863 Counseling Models and the Helping Relationship
- EDP 854 Behavior Modification of Children with Disorders
- EDP 855 Orientation to School Psychology
- EDP 862 Interpretation of Psychoeducational Tests
- EDP 867 Development Through the Life Span
- EDP 871 Vocational Assessment of Special Need Students

Electives in Exceptional Child **10 hours**

- EXC 650 Identification and Education of Exceptional Students* (5)
- Advisor approved elective in Exceptional Child (5)

*An advisor approved elective may be substituted for EXC 650 if H.B. 671 requirements have been met.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination

MASTER OF EDUCATION, SCIENCE EDUCATION**M.Ed.****60 HOURS**

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 Science Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 Science Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements 20 hours**

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- SED 855 Seminar in Secondary Education (5)

Specialized Content for Teaching 35 hours

- SED 863 Teaching Secondary Science (5)
- Science Content Course Electives (30 hours)
- Must include courses in Biology, Chemistry, Physics, and Earth/Space Science

Electives 5 hours

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, SOCIAL SCIENCE EDUCATION M.Ed. 60 HOURS

Advising: College of Education, Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 Social Science Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 Social Science Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None

Professional Education Core Requirements 20 hours

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- SED 855 Seminar in Secondary Education (5)

Specialized Content for Teaching 35 hours

- SED 892 Teaching Secondary Social Science (5)

Social Science Content Course Electives (30 hours)

Must include courses in four social science areas: History, Economics, Geography, & Behavioral Science.

Electives 5 hours

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, SPANISH EDUCATION**M.Ed.****60 HOURS**

Advising: College of Education, Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 Spanish Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 Spanish Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None**Professional Education Core Requirements** **15 hours**

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)

Specialized Content for Teaching **30 hours**

- Professional Education Elective (5 hours)
 - SED 855 Seminar in Secondary Education (5)
 - MG 855 Seminar in Middle Grades Education (5)
 - EC 855 Seminar in Early Childhood Education (5)
 - EDL 787 Legal Responsibilities of School Personnel (5)
 - FED 763 Comparative Educational Thought (5)
 - FED 870 Foundations of Multicultural Education (5)
 - FED 872 Philosophical Foundations of Education (5)
 - FED 874 History of American Education (5)
 - FED 876 Social Foundations of Education (5)
 - Required Spanish Courses (10 hours)
 - SPA 650 Phonetics and Advanced Composition (5)
 - SPA 851 Problems of Second Language Acquisition in Spanish (5)

Spanish Content Course Electives (15 hours)

Electives **15 hours**

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

MASTER OF EDUCATION, SPECIAL EDUCATION M.Ed. 60 HOURS

Advising: College of Education, Department of Educational Leadership, Technology, and Research, Dr. Diana Hammitte, P.O. Box 8131, Statesboro, GA 30460, (912) 681-5301, djhammit@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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. Persons may be admitted into the program with Level Four Certification in a teaching field other than Special Education if prerequisite course work is completed.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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. Persons may be admitted provisionally if they hold a Level Four Certificate in a teaching field other than Special Education; prerequisite courses will be required.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites:

- EXC 650 Identification and Education of Exceptional Students in the Regular Classroom (5)
- EXC 657 Differential Educational Diagnosis I (5)
- EXC 668 Classroom Behavior Management (5)
- EXC 679 Practices and Procedures in Exceptional Child Education (5)
- RDG 659 The Teaching of Reading (5)

Professional Education Core Requirements 15 hours

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)

Specialized Content for Teaching 35 hours

Required Courses (20 hours)

- EXC 654 Language Development of Exceptional Children (5)
- EXC 856 Special Education Seminar (5)
- EXC 861 Consultation and Collaborative Relationships (5)
- An 800 level assessment course (5)

Specialized Area of Emphasis Courses (15 hours)

- Intellectual Disabilities, Learning Disabilities, or Behavior Disorders
- Must have advisor approval.

Electives 10 hours

Must have advisor approval.

Other Program Requirements

Note: Students can obtain certification in Interrelated Special Education by taking additional course work.

MASTER OF EDUCATION, TECHNOLOGY EDUCATION M.Ed. 60 HOURS

Advising: Department of Middle Grades & Secondary Education, Dr. Creighton Alexander, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, calexand@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Completed 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 Technology Education.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed 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 Technology Education.
3. Present a 2.20 grade point average or higher on all undergraduate work.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites - None

Professional Education Core Requirements 20 hours

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- SED 855 Seminar in Secondary Education (5)

Specialized Content for Teaching 25 hours

Required Courses (10 hours)

- TED 650 Curriculum Content for Technology Education (5)
- TED 852 Philosophy of Technology Education (5)

Technology Content Course Electives (15 hours)

Must have advisor approval.

Electives 15 hours

Must have advisor approval.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination.

ALTERNATIVE MASTER OF EDUCATION FOREIGN LANGUAGE EDUCATION

M.Ed.

75-90 HOURS

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912)-681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

This M.Ed. program provides an alternative route to initial teaching certification for those persons who hold a baccalaureate degree. The total hours in an individual's program of study is dependent on previous course work in the teaching content area; therefore transcript evaluation by the College of Education Teacher Certification Programs Coordinator 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.

Regular:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Present a transcript evaluation by the College of Education Teacher Certification Programs Coordinator with proficiency examination results; completion of specified prerequisite course work.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Present a transcript evaluation by the College of Education Teacher Certification Programs Coordinator with proficiency examination results; completion of specified prerequisite course work.
3. Present a 2.50 grade point average or higher on all undergraduate work. Note: A grade point average of 2.50 or higher is required for initial certification; therefore, provisional admission for those with a grade point average less than 2.50 is not available.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites: Identified through transcript evaluation by Teacher Certification Programs Coordinator and by written and oral proficiency examinations by Foreign Languages Department. Acceptable content courses must meet the 60-hour major field requirements. Previous course work must reflect competence in written language skills, evidenced by grades of "C" or above in freshman composition courses.

Program of Study

After the transcript evaluation, completion of all prerequisite course work, and formal admission into the Alternative M.Ed. Program, the following sequence must be followed:

Stage One: Completion of requisite course work for Provisional Certification.

Successfully complete ("B" or better) the following courses (25-30 hours)

- FED 851 Nature and Conditions of Learning (5)
- EMS 392 Curriculum and Methods in Foreign Language (5) or
- EMS 654 Methods and Materials for P-12 Programs (Foreign Language) (5) and
- EMS 692 Curriculum for P-12 Programs (Foreign Language) (5)
- EXC 650 Identification and Education of EXC Students in the Regular Classroom (5)
- FRE, GER, or SPA Content Courses (10 hours)

Stage Two: Acquiring Provisional Certification.

Pass the Praxis II Test in the appropriate Foreign Language area.

Apply for Provisional Certification from the Georgia Professional Standards Commission (dated and valid for 3 years). Must have teaching position for Provisional Certification; not required to continue in the Alternative M.Ed. Program.

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ALTERNATIVE M.Ed., FOREIGN LANGUAGE ED**(Continued)**

Stage Three: Completion of requisite course work for Level Four Certification (Initial Clear Renewable Certificate).
Admission to Teacher Education Program.

Successfully complete ("B" or better) the following courses (25-35 hours*)

FRE, GER, or SPA 650 Advanced Composition in Grammar (5)

FRE, GER, or SPA 851 Second Language Acquisition (5)

FRE, GER, or SPA Content Courses (10 hours)

EMS 696 Internship: P-12 Education (Student Teaching) (5-15 hours*)

*Credits will vary due to individual needs.

Stage Four: Recommendation of Clear Renewal Level Four Certification to the Georgia Professional Standards Commission.

Stage Five: Completion of requisite course work for M.Ed. degree and Level Five Certification.

Successfully complete ("B" or better) the following courses (20 hours)

EDR 751 Educational Research (5)

CUR 851 Principles of Curriculum (5)

Elective (5)

FED 653, FED 853, or an appropriate Foreign Language course.

Five hours selected from:

SED 855 Seminar in Secondary Education (5)

MG 855 Seminar in Middle Grades Education (5)

EC 855 Seminar in Early Childhood Education (5)

FED 763 Comparative Educational Thought (5)

FED 870 Foundations of Multicultural Education (5)

FED 872 Philosophical Foundations of Education (5)

FED 874 History of American Education(5)

FED 876 Social Foundations of Education (5)

Stage Six: Recommendation of Level Five Certification to the Professional Standards Commission.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination

ALTERNATIVE MASTER OF EDUCATION**M.Ed.****75-85 HOURS**

MIDDLE GRADES EDUCATION

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912)-681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

This M.Ed. program provides an alternative route to initial teaching certification for those persons who hold a baccalaureate degree. The total hours in an individual's program of study is dependent on previous course work in the teaching content area; therefore, transcript evaluation by the College of Education Teacher Certification Programs Coordinator 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.

Regular:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Present a transcript evaluation by the College of Education Teacher Certification Programs Coordinator; completion of specified prerequisite course work.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Present a transcript evaluation by the College of Education Teacher Certification Programs Coordinator; completion of specified prerequisite course work.
3. Present a 2.50 grade point average or higher on all undergraduate work. Note: A grade point average of 2.50 or higher is required for initial certification; therefore, provisional admission for those with a grade point average less than 2.50 is not available.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites

Identified through transcript evaluation. Acceptable content courses must meet the 35-hour major and the 25-hour minor field requirements, including a Reading methods course. Previous course work must reflect competence in written language skills, evidenced by grades of "C" or above in freshman composition courses.

Program of Study

After the transcript evaluation, completion of all prerequisite course work, and formal admission into the Alternative M.Ed. Program, the following sequence must be followed:

Stage One: Completion of requisite course work for Provisional Certification.

Successfully complete ("B" or better) the following courses 25 hours

- MG 652 Nature and Curriculum Needs of Middle Grades Learners (5)
- MG 692 Instructional Methods for the Middle Grades (5)
- MG Content Course in Primary Concentration (5)
- MG Content Course in Secondary Concentration (5)
- EXC 650 Identification and Education of Exceptional Students in Regular Classroom (5)

Stage Two: Acquiring Provisional Certification.

Pass the Praxis II Test in Middle Grades

Apply for Provisional Certification from the Georgia Professional Standards Commission (dated and valid for 3 years). Must have teaching position for Provisional Certification; not required to continue in the Alternative M.Ed. Program.

Stage Three: Completion of requisite course work for Level Four Certification (Initial Clear Renewable Certificate).

Admission to Teacher Education Program.

Successfully complete ("B" or better) the following courses 25-35 hours

- MG Content Course in Primary Concentration (5)
- MG Content Course in Secondary Concentration (5)
- MG 696 Internship in Middle Grades (Student Teaching) (5-15 hours*)

*Credit will vary due to individual needs.

Required Specialized Content for Teaching (10 hours)

- MG 851 Planning a Middle School Program (5) or
- MG 852 Interdisciplinary Instruction/Team Process (5) or
- MG 853 Advisor-Advisee Exploratory Programs (5)

Stage Four: Recommendation of Clear Renewal Level Four Certification to the Georgia Professional Standards Commission.

Stage Five: Completion of requisite course work for M.Ed. degree and Level Five Certification.

Successfully complete ("B" or better) the following courses 25 hours

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- MG 855 Seminar in Middle Grades Education (5)
- Elective (5)

Stage Six: Recommendation of Level Five Certification to the Professional Standards Commission.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination

ALTERNATIVE MASTER OF EDUCATION MUSIC EDUCATION

M.Ed.

75-85 HOURS

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O Box 8134, Statesboro, GA 30460, (912)-681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

This M.Ed. program provides an alternative route to initial teaching certification for those persons who hold a baccalaureate degree. The total hours in an individual's program of study is dependent on previous course work in the teaching content area; therefore, transcript evaluation by the College of Education Teacher Certification Programs Coordinator 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.

Regular:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Present a transcript evaluation by the College of Education Teacher Certification Programs Coordinator with audition and diagnostic examination results; completion of specified prerequisite course work.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Present a transcript evaluation by the College of Education Teacher Certification Programs Coordinator with audition and diagnostic examination results; completion of specified prerequisite course work.
3. Present a 2.50 grade point average or higher on all undergraduate work. Note: A grade point average of 2.50 or higher is required for initial certification; therefore, provisional admission for those with a grade point average less than 2.50 is not available.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test(MAT).

Prerequisites

Identified through transcript evaluation by Teacher Certification Programs Coordinator and by audition and diagnostic examinations in music theory and music history by the Music Department. Acceptable content courses must meet the 60-hour Music and Education major requirements. Previous course work must reflect competence in written language skills, evidenced by grades of "C" or above in freshman composition courses.

Program of Study

After the transcript evaluation, completion of all prerequisite course work, and formal admission into the Alternative M.Ed. Program, the following sequence must be followed:

Stage One: Completion of requisite course work for Provisional Certification.

Successfully complete ("B" or better) the following courses 30 hours

- FED 851 Nature and Conditions of Learning (5)
- EMS 694 Curriculum and Methods in Music (5)
- EXC 650 Identification and Education of EXC Students in the Regular Classroom (5)
- MUS 952 History and Philosophy of Music Education (5)
- MUS 854 Advanced Choral Techniques (5) or MUS 855 Advanced Instrumental Techniques (5)

Stage Two: Acquiring Provisional Certification.

Pass the Paxis II Test in the appropriate Foreign Language area.

Apply for Provisional Certification from the Georgia Professional Standards Commission (dated and valid for 3 years). Must have teaching position for Provisional Certification; not required to continue in the Alternative M.Ed. Program.

Stage Three: Completion of requisite course work for Level Four Certification (Initial Clear Renewable Certificate).

Admission to Teacher Education Program.

Successfully complete ("B" or better) the following courses 25-35 hours*

- EDR 751 Educational Research (5)
- MUS 850 Technology in Music (5)
- Music Theory or Composition Elective (5)
- Music History or Literature Elective (5)
- EMS 696 Internship: P-12 Education (Student Teaching) (5-15 hours*)

*Credits will vary due to individual needs.

Stage Four: Recommendation of Clear Renewal Level Four Certification to the Georgia Professional Standards Commission.

Stage Five: Completion of requisite course work for M.Ed. degree and Level Five Certification.

Successfully complete ("B" or better) the following courses 20 hours

- MUS 758 Music Bibliography (5)
- CUR 851 Principles of Curriculum (5)
- MUS 960 Band Literature (5) or MUS 961 Choral Literature (5)
- Elective (5) from the following:
 - MUS 862 20th Century Music Education Techniques (5)
 - MUS 859 Marching Band Techniques (5)
 - MUS 865 Advanced Analytical Techniques (5)
 - MUS 868 Advanced Band Arranging (5)
 - MUS 869 Advanced Choral Arranging (5)

Stage Six: Recommendation of Level Five Certification to the Professional Standards Commission.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination

ALTERNATIVE MASTER OF EDUCATION SECONDARY EDUCATION

M.Ed.

75 - 90 HOURS

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912)-681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

This M.Ed. program provides an alternative route to initial teaching certification for those persons who hold a baccalaureate degree. The total hours in an individual's program of study is dependent on previous course work in the teaching content area; therefore, transcript evaluation by the College of Education Teacher Certification Programs Coordinator 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.

Regular:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Present a transcript evaluation by the College of Education Teacher Certification Programs Coordinator; completion of specified prerequisite course work.
3. Present a 2.50 grade point average or higher on all undergraduate work.
4. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 44 on the Miller Analogies Test (MAT).

Provisional:

1. Completed requirements for a bachelor's degree from a regionally accredited institution.
2. Present a transcript evaluation by the College of Education Teacher Certification Programs Coordinator; completion of specified prerequisite course work.
3. Present a 2.50 grade point average or higher on all undergraduate work. Note: A grade point average of 2.50 or higher is required for initial certification; therefore, provisional admission for those with a grade point average less than 2.50 is not available.
4. Present a score of no less than 400 on the verbal subtest and a score of no less than 400 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 35 on the Miller Analogies Test (MAT).

Prerequisites

Identified through transcript evaluation. Acceptable content courses must meet the 60-hour major field requirements. Previous course work must reflect competence in written language skills, evidenced by grades of "C" or above in freshman composition courses.

Program of Study

After the transcript evaluation, completion of all prerequisite course work, and formal admission into the Alternative M.Ed. Program, the following sequence must be followed:

Stage One: Completion of requisite course work for Provisional Certification.

Successfully complete ("B" or better) the following courses 25 hours

- SED 654 Secondary School Curriculum (5)
- SED 692 Methods for Secondary School (5)
- Content Course in Major (5)
- Content Course in Major (5)
- EXC 650 Identification and Education of Exceptional Students in the Regular Classroom (5)

Stage Two: Acquiring Provisional Certification.

Pass the Praxis II Test in appropriate content area.

Apply for Provisional Certification from the Georgia Professional Standards Commission (dated and valid for 3 years). Must have teaching position for Provisional Certification; not required to continue in the Alternative M.Ed. Program.

Stage Three: Completion of requisite course work for Level Four Certification (Initial Clear Renewable Certificate). Admission to Teacher Education Program.

Successfully complete ("B" or better) the following courses 25-35 hours*

- Content courses in Major (20 hours)
- SED 696 Internship: Secondary Education (Student Teaching) (5-15 hours*)

*Credits will vary due to individual needs.

Stage Four: Recommendation of Clear Renewal Level Four Certification to the Georgia Professional Standards Commission.

Stage Five: Completion of requisite course work for M.Ed. degree and Level Five Certification.

Successfully complete ("B" or better) the following courses 25-30 hours

- EDR 751 Educational Research (5)
- FED 851 Nature and Conditions of Learning (5)
- CUR 851 Principles of Curriculum (5)
- SED 855 Seminar in Secondary Education (5)
- Elective (5)

Advanced Methods Course (dependent on requirement of specific secondary program area) (0-5)

Stage Six: Recommendation of Level Five Certification to the Professional Standards Commission.

Other Program Requirements

Successful completion of M.Ed. Comprehensive Exit Examination

EDUCATION SPECIALIST, ART EDUCATION**Ed.S.****45 HOURS**

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in Art Education based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None**Prerequisites**

EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Intro to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

EMS 857 Seminar with Field Study (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 25 hours

Required Courses (10 hours)

ART 684 African-American Art History (5)

ART 877 Cultural Diversity (5)

Art Content Course Electives (15 hours)

Electives 5 hours**Other Program Requirements**

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, COUNSELOR EDUCATION**Ed.S.****45 HOURS**

Advising: Department of Educational Leadership, Technology & Human Development, Dr. Alex Chew, P. O. Box 8131, Statesboro, GA 30460, (912) 681-0121, alchew@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission 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.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).

Provisional: None**Prerequisites**

EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Introduction to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761) (Advisor approval of research topic required) ..

CED 895 Action Research in Education(5) (Instructor approval required prior to the quarter of enrollment)

Specialized Content 20 hours

Required Courses (10 hours)

CED 859 Advanced Counseling Practicum (5)

CED 862 Interpretation of Psychoeducational Tests (5)

Counselor Education Course Electives (10 hours) from the following:

CED 851 Elementary/Middle School Counseling (5)

CED 854 Organization and Administration of Student Services (5)

CED 867 Life Span Development (5)

CED 868 Professional Practice and Ethics (5)

CED 864 Addiction Counseling (5)

CED 871 Vocational Assessment (5)

CED 880 Community Counseling (5)

CED 881 Family Counseling and Therapy (5)

CED 893 Directed Individual Study (5)

CED 882 Theories and Techniques of Cross-Cultural Counseling (5)

Electives 10 hours**Other Program Requirements**

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, EARLY CHILDHOOD EDUCATION Ed.S. 45 HOURS

Advising: Department of Early Childhood Education and Reading, Dr. Beverly Stratton, P.O. Box 8083, Statesboro, GA 30460, (912) 681-5121, bevstrat@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in Early Childhood Education based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Intro to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

EC 857 Early Childhood Advanced Seminar and Field Study (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 25 hours

Courses must be selected in consultation with the advisor.

Electives 5 hours

Other Program Requirements

Successful completion of the Comprehensive Exit Assessment

EDUCATION SPECIALIST, ED. LEADERSHIP Ed.S. 45 HOURS**ADMINISTRATOR EMPHASIS**

Advising: Department of Educational Leadership, Technology, & Human Development, Dr. Ron Davison, P.O. Box 8131, Statesboro, GA 30460, (912) 681-0201, rdavison@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in the Educational Leadership based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the Verbal subtest and a score of no less than 450 on either the Quantitative or Analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Introduction to Statistics (5)

EDR 852 Field-based Educational Research (5)

EDL 894 Directed Research in Educational Leadership (5)

Specialized Content 25 hours

Area I (5 hours)

EDL 875 Supervisory Techniques and Practice (5)

EDL 881 Evaluation of School Programs (5)

EDL 856 Curriculum Leadership (5)

Area II (10 hours)

EDL 863 Leader Behavior in Educational Organizations (5)

EDL 865 The Principalship (5)

EDL 869 School-Community Relations (5)

Area III (10 hours)

EDL 868 Public School Finance (5)

EDL 888 School Law (5)

EDL 885 Policies Studies in Educational Leadership (5)

Elective 5 hours

Other Program Requirements

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, ED. LEADERSHIP Ed.S. 45 HOURS
SUPERVISOR/CURRICULUM COORDINATOR EMPHASIS

Advising: Department of Educational Leadership, Technology, & Human Development, Dr. Ron Davison, P.O. Box 8131, Statesboro, GA 30460, (912) 681-0201, rdavison@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

Regular:

1. Possess or be eligible for the Professional Level Five Certificate in the Educational Leadership based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the Verbal subtest and a score of no less than 450 on either the Quantitative or Analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Intro to Statistics (5)

EDR 852 Field-based Educational Research (5)

EDL 894 Directed Research in Educational Leadership (5)

Specialized Content 25 hours

Area I (10 hours)

EDL 875 Supervisory Techniques and Practice (5)

EDL 881 Evaluation of School Programs (5)

EDL 856 Curriculum Leadership (5)

Area II (5 hours)

EDL 863 Leader Behavior in Educational Organizations (5)

EDL 865 The Principalship (5)

EDL 869 School-Community Relations (5)

Area III (10 hours)

EDL 868 Public School Finance (5)

EDL 888 School Law (5)

EDL 885 Policies Studies in Educational Leadership (5)

Elective 5 hours

Other Program Requirements

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, ENGLISH EDUCATION Ed.S. 45 HOURS

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

Regular:

1. Possess or be eligible for the Professional Level Five Certificate in English Education based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Intro to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

SED 857 Seminar with Field Study (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 25 hours

Required Course (5 hours, unless taken at the Master's level)

SED 890 Teaching Young Adult Literature in Secondary School (5) or

SED 865 Integrated Language Arts for the Secondary School (5)

English/English Education Content Course Electives (20-25 hours)

Electives 5 hours

Other Program Requirements

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, HEALTH AND PHYSICAL ED. Ed.S. 45 HOURS

Advising: Department of Middle Grades and Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in Health and Physical Education based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Introduction to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

EMS 857 Seminar with Field Study (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 25 hours

Must have advisor approval

Electives 5 hours

Other Program Requirements

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, INSTRUCTIONAL TECHNOLOGY Ed.S. 45 HOURS

Advising: Department of Leadership, Technology & Human Development, Dr. Ken Clark, P.O. Box 8143, Statesboro, GA 30460, (912) 681-0002, kclark@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in Instructional Technology or a related field based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Introduction to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

EDT 894 Field-Based Research in Educational Technology (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 30 hours

Required Courses (10 hours)

EDT 859 Advanced Instructional Design and Development (5)

EDT 873 Advanced Media Management (5)

Media Content Course Electives (10 hours)

Must have advisor approval.

Electives 10 hours

Must have advisor approval.

Other Program Requirements

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, MATHEMATICS EDUCATION Ed.S. 45 HOURS

Advising: Department of Middle Grades & Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in Mathematics Education based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None**Prerequisites:**

EDR 751 Educational Research (5)

EDR 761 Introduction to Statistics in Education (5) (Prerequisite: EDR 751)

Research Sequence Requirements 10 hours

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

SED 857 Seminar with Field Study (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 25 hours

Must have advisor approval

Electives 10 hours**Other Program Requirements**

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, MIDDLE GRADES EDUCATION Ed.S. 45 HOURS

Advising: Department of Middle Grades & Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in Middle Grades Education based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None**Prerequisites: EDR 751 Educational Research (5)****Research Sequence Requirements 15 hours**

EDR 761 Intro to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

MG 857 Seminar with Field Study (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 25 hours

Must have advisor approval. Must include a minimum of 10 hours in each of two areas of concentration: Language Arts, Mathematics, Science, Social Science, Health and PE, Art, Music

Electives 5 hours**Other Program Requirements**

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, MUSIC EDUCATION Ed.S. 45 HOURS

Advising: Department of Middle Grades & Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements:**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in Music Education based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Intro to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

EMS 857 Seminar with Field Study (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 25 hours

Required Courses (10-15 hours)

MUS 857 Experimental Research in Music (5)

MUS 850 Technology in Music (5)

MUS 950 Music Administration (5) or MUS 955 Seminar in Music Theory (5) or Composition Elective (5)

Music History or Literature Elective (5)

Music Content Course Electives (5)

Elective 5 hours

Other Program Requirements

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, READING SPECIALIST Ed.S. 45 HOURS

Advising: Department of Early Childhood Education and Reading, Dr. Beverly Stratton, P.O. Box 8083, Statesboro, GA 30460, (912) 681-5121, bevstrat@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in Reading Education based on a Master's degree from an accredited graduate institution. Applicants who hold a Master's degree in a related field may be admitted with transcript evaluation. However, the program of study will exceed 45 hours.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Introduction to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

RDG 858 Field Project in Reading (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 20 hours

Required Courses

RDG 856 Advanced Diagnosis of Reading Difficulty (5)

RDG 857 Advanced Correction of Reading Difficulty (5)

RDG 861 Organization and Supervision of Reading Programs (5)

RDG 855 Psychology of Reading (5)

Content Course Elective 5 hours

Electives 5 hours

Other Program Requirements

Successful completion of the Comprehensive Exit Assessment

EDUCATION SPECIALIST, SCHOOL PSYCHOLOGY Ed.S. 50 HOURS

Advising: Department of Educational Leadership, Technology, and Human Development, Dr. Robert Martin, P. O. Box 8131, Statesboro, GA 30460, (912) 681-5051, bobmart@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

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 required assessments.

Regular:

1. Hold a Master's degree in School Psychology or equivalent.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examination (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).

Provisional: None**Prerequisites**

EDR 750 Educational Research (5)

EDR 761 Intro to Statistics in Education (5) (Prerequisite: EDR 751)

Research Sequence Requirements 15 hours

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

EDR 865 Applied Inferential Statistics in Education (5) (Prerequisite: EDR 761)

EDP 895 Action Research in Education (5)

Specialized Content 35 hours

EDP 791 Seminar in School Psychology (5)

EDP 858 Individual Testing in Schools I (5)

EDP 859 Individual Testing in Schools II (5)

EDP 866 Personality Assessment (5)

EDP 873 Consulting in Educational Settings (5)

Applied Content

EDP 856 Practicum in School Psychology (5)

EDP 894 School Psychology Internship (5)

Other Program Requirements

Successful completion of Comprehensive Exit Assessment

Successful completion of Praxis II Examination required for S-6 certification in School Psychology.

EDUCATION SPECIALIST, SCIENCE EDUCATION Ed.S. 45 HOURS

Advising: Department of Middle Grades & Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements:**Regular:**

1. Possess or be eligible for the Professional Level Year Certificate in Science Education based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Intro to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

SED 857 Seminar with Field Study (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 25 hours

Must have advisor approval. Must include courses in Biology, Chemistry, Physics and Earth/Space Science

Electives 5 hours**Other Program Requirements**

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, SOCIAL SCIENCE EDUCATION Ed.S. 45 HOURS

Advising: Department of Middle Grades & Secondary Education, Dr. Ronnie Sheppard, P.O. Box 8134, Statesboro, GA 30460, (912) 681-5203, sheppard@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements:**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in Social Science (Broad Field) Education based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Intro to Statistics in Education (5) (Prerequisite: EDR 751)

EDR 852 Field-Based Educational Research (5) (Prerequisite: EDR 761)

SED 857 Seminar with Field Study (5) (Prerequisite: EDR 761 and EDR 852)

Specialized Content for Teaching 25 hours

Must have advisor approval. Must include courses in History, Geography, Economics, and Behavioral Science

Electives 5 hours

Other Program Requirements

Successful completion of Comprehensive Exit Assessment

EDUCATION SPECIALIST, SPECIAL EDUCATION Ed.S. 45 HOURS

Advising: Department of Educational Leadership, Technology, & Human Development, Dr. Diana Hammitte, P.O. Box 8131, Statesboro, GA 30460, (912) 681-5600, djhammit@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements:**Regular:**

1. Possess or be eligible for the Professional Level Five Certificate in Special Education based on a Master's degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Research Sequence Requirements 15 hours

EDR 761 Introduction to Statistics in Education (5) (Prerequisite: EDR 751)

EXC 854 Analysis of Research on Exceptional Child (5)

EXC 892 Field Practicum and Seminar (5)

Specialized Content for Teaching 15 hours

Choose from the following:

EXC 853 Multiply Handicapped (5)

EXC 855 Theories of Remediation of Exceptional Child (5)

EXC 860 Advanced Curriculum/Methods in Behavior Disorders (5)

EXC 863 Advanced Curriculum/Methods of LD (5)

EXC 864 Cognitive Components of Behavior and Learning (5)

Electives 15 hours

Must have advisor approval

Other Program Requirements

Successful completion of the Comprehensive Exit Assessment

EDUCATION SPECIALIST, TECHNOLOGY EDUCATION Ed.S. 45 HOURS

Advising: Department of Middle Grades and Secondary Education, Dr. Creighton Alexander, P.O. Box 8134, Statesboro, GA 30460, (912) 681-1549, calexand@gsaix2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

Regular:

1. Possess or be eligible for the Professional Level Five Certificate in Technology Education based on a Master’s degree from an accredited graduate institution.
2. Present a 3.25 grade point average on all graduate work attempted.
3. Present a score of no less than 450 on the verbal subtest and a score of no less than 450 on either the quantitative or analytical subtest of the Graduate Record Examinations (GRE), or a score of no less than 49 on the Miller Analogies Test (MAT).
4. Have had two years of experience in school work.

Provisional: None

Prerequisites: EDR 751 Educational Research (5)

Specialized Content for Teaching 35 hours

Required Courses (10 hours)

TED 893 Directed Individual Study in Technology Education (5)

TED 855 Administration and Supervision of Technology Education (5)

Technology Education Course Electives (25 hours) Must have advisor approval

Electives 10 hours

Other Program Requirements

Successful completion of Comprehensive Exit Assessment

DOCTOR OF EDUCATION, EDUCATIONAL ADMINISTRATION**Ed.D****90 Hours beyond Master's, including dissertation, 80 hours beyond Master's excluding dissertation**

Advising: Department of Educational Leadership, Technology, & Human Development, Dr. Michael Richardson, P.O. Box 8131, Statesboro, GA 30460, (912) 681-5079, mdrich@gsvms2.cc.gasou.edu, FAX: (912) 681-5093

Admission Requirements

Applicants who wish to pursue advanced professional training in Educational Administration beyond the Specialist degree, 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 of the appropriate department in the College of Education for special tests and/or interviews. Recommendations on admission will be made by department faculty only after screening procedures have been carried out. Admission will be upon the recommendation of the departmental committee, or the committee's designated representative, and the approval of the Dean of the College of Graduate Studies.

Admission to the Ed.D. program in Educational Administration requires the applicant's satisfaction of the following standards:

1. Complete all College of Graduate Studies admission requirements.
2. Hold the Master's degree. Applicants who anticipate eventual endorsement for the Level Six and Level Seven certificates in Educational Leadership must hold the Georgia Level Five certificate at the point of admission.
3. Present a minimum grade point average of 3.5 (4.0 scale) in previous graduate work.
4. Complete the following prerequisite courses (or equivalents) within an Ed.S. program or as a non-degree student:
 - EDR 761 Intro to Statistics
 - EDR 852 Field-Based Educational Research
 - EDL 894 Directed Research in Educational Leadership
 - Option C requires two additional prerequisite courses:
 - EDL 850 Intro to Higher Education Administration
 - EDL 858 Higher Education and the Law
5. Hold an administrative or supervisory position at the P-12 or post-secondary level. Alternate admission criteria are applied when the applicant is not so employed.
6. Achieve a GRE (General Test) minimum verbal score of 450, a minimum score of 450 on either the quantitative or analytical subtest (the sum of the two parts, one verbal, must be at least 1000). A minimum raw score of 55 on the Miller Analogies Test is also acceptable. Applicants may file a formal appeal when their scores fall below these minimums.
7. Submission of four professional references which attest to the applicant's potential for success in a doctoral program and for executive leadership in education.
8. Submission of a personal statement which outlines the applicant's future direction and how the degree will benefit the applicant.
9. A brief two-page resume which highlights the achievements of the applicant.
10. Successful interview, if requested.

The final phase of the admission process will require adherence to the following procedures:

1. Applicant credentials are rated by Educational Leadership (EDL) faculty.
2. These faculty, meeting as a committee of the whole, will use these ratings to assemble a list of top candidates.
3. Students may be required to interview with EDL Faculty. The interview would explore their potential for leadership in educational organizations, qualifications for doctoral study, their career aspirations, their visions for education, and their thoughts on topics for doctoral level study.
4. A writing sample or personal interview may be required.

Residence. The Ed.D. degree pre-supposes a minimum of eight quarters of continuous study beyond the Specialist Degree and cannot be secured through summer study alone. At least ten hours must be completed during each of two quarters to satisfy full-time residency requirements at Georgia Southern University.

Time Limit. All requirements for the Ed.D. degree, except the dissertation and the final oral examination, must be completed within a period of three years. This time requirement begins with the first registration for courses on the student's approved program of doctoral study. A candidate for the Ed.D. degree who fails to complete all degree requirements within five years after passing the comprehensive examinations and being admitted to degree candidacy will be withdrawn from the program.

Grade Average. To be eligible for graduation, a student must maintain a 3.50 (B) average on all graduate courses taken and on all courses on the program of study.

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DOCTOR OF EDUCATION, EDUCATIONAL ADMINISTRATION**(Continued)**

Supervisory Committee. Before the end of the first year of study of a prospective candidate for the Ed.D. degree, the Dean of the College of Graduate Studies shall, upon the recommendation of the chair of the department offering the degree, appoint a Supervisory Committee for the student. The committee will consist of a major professor, who will serve as committee chairperson, and three additional members. The chair of the Supervisory Committee must meet all requirements established by the College of Graduate Studies for directing doctoral dissertations. All members of the committee must have graduate faculty status. Department recommendations for committee membership, and any necessary replacements, shall be determined by procedures established by the majority of the graduate faculty of that department.

The Supervisory Committee, in consultation with the student, is charged with planning and approving the student's program of study. It is also charged with arranging the comprehensive written and oral examination, approving a subject for the dissertation, and approving the student's oral defense of his/her research. The committee will advise the student of the skills and understandings required both in content and inquiry/research areas.

Program of Study. A preliminary program of study based on a minimum of ninety quarter hours beyond the Master's degree, will be submitted to the Supervising Committee Chair (i.e., the major professor) by the end of the student's first year of study. The preliminary program must be developed by the Committee Chair and the doctoral student and approved by a majority of the Supervisory Committee. A total of forty-five hours of course work, exclusive of dissertation credit, must be taken at Georgia Southern University at the doctoral level. A final program of study must be approved by the Supervisory Committee, the Department Chair, and the Dean of the College of Graduate Studies before application for admission to degree candidacy. The final program of study must show all graduate courses relevant to the Ed.D. program (including Master's, Specialist and transfer credit), and not just courses satisfying minimum degree requirements. A minimum of ten hours of dissertation credit must be included in the program of study. Department faculty will evaluate carefully and fully each doctoral student's progress at the end of each year of study to advise the student whether or not to continue in the program.

Comprehensive/Qualifying Examinations. A student must pass formal, comprehensive written and oral examinations before being admitted to candidacy for the degree. These examinations will be administered by the student's Supervisory Committee in accordance with policies in effect in the College of Graduate Studies and the student's department. The oral examination will be an inclusive examination within the student's field of study. An examination over the student's dissertation preprospectus will be scheduled at a later date. This examination will not take the place of the oral comprehensive examination. All members of the student's Supervisory Committee must be present for the entire period for the comprehensive oral examination and the examination of the preprospectus. The oral comprehensive examination is open to all members of the faculty and shall be announced by the College of Graduate Studies. The Department Chair must notify the College of Graduate Studies of the time and place of the examination at least two weeks before the date of examination. Following each examination, written and oral, each member of the Supervisory Committee will cast a written vote of "pass" or "fail" on the examination. At least three out of a possible four positive votes are required to pass each examination. The results of both examinations will be reported to the College of Graduate Studies.

Admission to Degree Candidacy. The student is responsible for initiating an application for admission to degree candidacy so that it is filed with the College of Graduate Studies at least three quarters before the date of graduation. The application for degree candidacy is a certification by the student's major department that the student has shown the ability to do acceptable graduate work in the chosen field of study and that:

- a. all prerequisites set as a condition for admission have been met;
- b. all inquiry/research skill requirements have been met;
- c. the final program of study has been approved by the Supervisory Committee, the Department Chair, and the Dean of the College of Graduate Studies;
- d. an average of 3.5 (B) 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 (2.0) may be placed on the final program of study);
- e. written and oral comprehensive examinations have been passed and reported to the College of Graduate Studies;
- f. a dissertation preprospectus has been approved by the Supervising Committee;
- g. the Supervising Committee, including any necessary changes in the membership, is confirmed and all its members have been notified of their appointments; and
- h. the residency requirement has been met.

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DOCTOR OF EDUCATION, EDUCATIONAL ADMINISTRATION**(Continued)**

The Supervisory Committee Chair has the primary responsibility for guiding the student's research, but the student should regularly consult all members to draw upon their expertise in relevant areas. After admission to degree candidacy, a student must register for a minimum of ten hours. Students in the Ed.D. degree program in Educational Administration must enroll in EDL 990--Dissertation Research. Students must be enrolled for a minimum of five hours of credit in any quarter when using University facilities or staff time.

Dissertation Planning. The full dissertation prospectus for the Ed.D. degree in Educational Administration will be defended by the candidate upon completion of all prerequisite course work, including EDL 986--Advanced Field-Based Research. It is possible that the composition of the student's Supervisory Committee may change to ensure that faculty members are knowledgeable in the areas of the student's research. If changes in the composition of the original committee are in order, all affected parties will be notified. The Supervisory Committee Chair and the membership will guide the student in planning the dissertation. When the Committee Chair certifies that the dissertation prospectus is satisfactory, it must be formally considered by the Supervisory Committee at a meeting with the student. Following the meeting, each committee member will cast a written vote of "pass", "fail," or "pass with modifications." At least three out of a possible four positive votes are required for approval. Their signatures on the appropriate form with a final copy of the approved prospectus will be filed in the department office. A copy of the approval/disapproval form will be forwarded to the College of Graduate Studies.

Dissertation Defense and Approval. When the Supervisory Committee chair is satisfied with the completed dissertation, he/she will certify approval and indicate that it is ready to be read. Copies will be distributed to the remaining members of the Supervisory Committee, a final oral defense scheduled, and the College of Graduate Studies notified. The College of Graduate Studies will announce the time and place of the defense of the dissertation. Committee members will have at least three weeks to read and evaluate the dissertation. Written assent of three of the four committee members will be required before a dissertation will be approved at the final defense. If the committee declines to approve the dissertation, the committee chair will so notify the student and the College of Graduate Studies. The oral defense session will be led by the committee chair and must be attended by all members of the committee. This meeting is open to all members of the University community. Three out of four members of the committee must approve the student's dissertation and defense and certify their approval in writing. The results of the defense must be reported to the College of Graduate Studies as per deadlines announced by the College of Graduate Studies. Once the dissertation has been approved by the Supervisory Committee and the final oral examination has been passed, the dissertation must be submitted to the College of Graduate Studies for final approval by the deadline announced by the College of Graduate Studies.

Binding the Dissertation. Eight (8) official copies of the dissertation must be filed with the University Library for binding. Each copy must carry an original certificate of approval signed by the Supervising Committee Chair, the Supervisory Committee members, and the Dean of the College of Graduate Studies.

Other Requirements. The student must submit a receipt showing that he/she has deposited with the University Controller the cost of microfilming the dissertation. (If the student wishes to copyright the dissertation, an additional charge must be paid.) This fee must be presented to the Dean of the College of Graduate Studies in the form of a receipt from the Georgia Southern University Business Office .

Program of Study

Ed.D. Courses in Educational Leadership **15 hours**

- EDL 970 Advanced Administrative Theory Seminar (5)
- EDL 971 Decision-making and Problem-solving Seminar (5)
- EDL 972 Administrative Leadership Seminar (5)

Ed.D. Courses in Inquiry Areas **20 hours**

- EDR 895 Doctoral Research Methods (5)
- EDR 869 Qualitative Research Methods (5)
- EDR 865 Applied Inferential Statistics (5)
- EDL 986 Advanced Field-Based Research (5)

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DOCTOR OF EDUCATION, EDUCATIONAL ADMINISTRATION**(Continued)****Ed.D. Electives**

Elective course selection is dependent upon the program option. Course credit is given in Option A for Ed.S. course work.

Option A: For persons who hold the Education Specialist degree and/or the Georgia Level Six certificate in**Educational Leadership 10 hours**

Selected in consultation with the Chair of the student's Supervisory Committee. Choices should strengthen the knowledge bases that support development of the dissertation proposal. Related fields include anthropology, business administration, educational technology, political science, public administration, and sociology.

Option B: For persons who hold the Master's degree and/or the Georgia Level Five Certificate in Educational**Leadership 20 hours**

Selected in consultation with the Chair of the student's Supervisory Committee. Choices should strengthen the knowledge bases that support development of the dissertation proposal.

EDL 856 Curriculum Leadership (5)

EDL 875 Supervisory Techniques and Practice (5)

EDL 863 Leader Behavior in Educational Organizations (5)

EDL 885 Policies Studies in Educational Leadership (5)

EDL 868 Public School Finance (5)

EDL 881 Evaluation of School Programs (5)

EDL 888 School Law (5)

EDT 888 Educational Computing for School Leaders (5)

Option C: For persons who hold the Master's degree and are presently employed at post-secondary institutions 20 hours

Selected in consultation with the Chair of the student's Supervisory Committee. Choices should strengthen the knowledge bases that support development of the dissertation proposal.

EDL 854 Organization, Administration, and Governance in Higher Education (5)

EDL 855 The Two-Year College (5)

EDL 857 Financial Management in Post-secondary Education (5)

EDL 885 Policies Studies in Educational Leadership (5)

EDT 888 Educational Computing for School Leaders (5)

Dissertation 10 hours minimum

EDL 990 Dissertation Research (5)

DOCTOR OF EDUCATION, CURRICULUM STUDIES**Ed.D****105 Hours beyond Master's, including dissertation, 90 hours beyond Master's excluding dissertation****Advising: Department of Curriculum, Foundations, & Research**, Dr. Bryan Deever, P. O. Box 8144, Statesboro, GA 30460, (912) 681-5252, bdvr@gsvms2.cc.gasou.edu, FAX: (912) 681-5093**Admission Requirements**

Applicants who demonstrate both an overall achievement level that is above average and the potential to successfully complete the rigorous program of study leading to the Ed.D. degree in Curriculum Studies are considered for admission into the program. 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.
3. Present scores of no less than 500 on the verbal and 500 on the quantitative or analytical subtests of the Graduate Record Examination (GRE) or a minimum score of 55 on the Miller Analogies Test (MAT).
4. Complete all College of Graduate Studies admission requirements, including:

*Application for Admission (indicating degree program as Ed.D. Curriculum Studies and specifying one of the Emphasis Areas as the major or teaching field)

*Writing Sample (any of the following listed in descending order of preference)

- Published Article
- Specialist Research Project
- Thesis
- Conference Presentation
- Original Research
- Essay (related to field of expertise)

*Three professional references

*One page autobiographical sketch

Once the applicant has been admitted to the College of Graduate Studies, the materials will be forwarded to the Doctoral Admissions Committee of the Department of Educational Foundations and Curriculum for review and an interview will be scheduled with members of the committee. Applicants who fail to meet admissions criteria may appeal to the College of Education Exceptions Committee who will make recommendations to the Dean of the College. If the applicant's appeal is upheld, the materials will be forwarded to the Doctoral Admissions Committee and an interview will be scheduled.

Residency. An important part of doctoral study is the overall coherence of one's work. This is built into the scope and sequence of the program of study, the theoretical base supporting the structure of the program, and the residency requirements for doctoral students. There are options available for successfully completing the residency requirements of the Ed.D. program in Curriculum Studies. It is not necessary to complete residency requirements immediately upon entering the program, however these requirements must be met prior to the completion of course work and the Candidacy Examination. Students may switch from the original residency sequence to another; however, only one change is allowed for each student unless extraordinary circumstances arise.

Residency for Part Time Students. This option requires one to be enrolled continuously for eight academic quarters. During this period the minimum load is five quarter hours during six of those terms and 10 during any two consecutive quarters. At the end of the residency the student must have successfully completed 50 quarter hours.

Residency for Full Time Students. This option is for those who intend on pursuing the program as a full time doctoral student without the additional responsibilities of a doctoral fellowship. The student must be enrolled for four consecutive quarters carrying 15 hours during any two consecutive terms and no less than 10 quarter hours during the other two. At the end of the residency the student must have successfully completed 50 quarter hours.

Residency for Doctoral Assistants. This option is for those who intend on pursuing the program as a full time doctoral student with the additional teaching or research responsibilities of a fellowship. The student must be enrolled for four consecutive quarters carrying 10 hours and a doctoral fellowship. At the end of the residency the student must have successfully completed 40 quarter hours. If the fellowship is held for three quarters or less, the student must carry 15 quarter hours during the terms in which one does not hold a fellowship. At the end of the residency the student must have successfully completed 45, 50, or 55 quarter hours respectively.

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DOCTOR OF EDUCATION, CURRICULUM STUDIES**(Continued)**

Time Limit. All course work credited toward the degree and the Candidacy Examination must be completed within seven years after the completion of the first course in the program of study following admission to the program. Students must complete and defend the dissertation within five years of admission to candidacy. If time limits are not met, a student may be required to take additional course work and/or retake the Comprehensive Examination.

Program of Study. The Ed. D. program in Curriculum Studies is unique both in the construction of its Core and the strength and diversity of its Emphasis areas. This degree program consists of work in four areas: (1) The Doctoral Core, (2) Research and Inquiry, (3) Emphasis Area, and (4) Dissertation. Each of the first three areas requires a minimum of 30 quarter hours of course work. The dissertation requires a minimum of 15 quarter hours of credit. The complete program requires a minimum of 105 quarter hours. A student may be required to take additional work in any of these areas depending upon the level and appropriateness of academic work with which the student enters the program.

Prerequisites. Students must also meet prerequisites required by the program and by certain courses within the program. The Doctoral Core has these prerequisites:

CUR 851 Principles of Curriculum (5)

FED 851 Nature and Conditions of Learning (5)

FED 870 Foundations of Multicultural Education (5)

Research and Inquiry has one prerequisite: EDR 751 Introduction to Research. Some Emphasis areas also have prerequisites. Students not having these prerequisites, or their equivalents, in their transcripts prior to entry into the program will be required to complete the prerequisites in addition to the 105 quarter hours required by the program.

Some students might enter the program carrying coursework beyond the Master's degree. Up to 30 quarter hours of applicable and appropriate post-Master's work can be applied toward degree requirements with the approval of the Chair.

Endorsements. Students pursuing an endorsement to qualify for employment as curriculum directors in the state of Georgia must take CUR 851, EDL 763, and EDL 774. While CUR 851 is a prerequisite for the Doctoral Core, students pursuing the Emphasis in Instructional Improvement will take EDL 763 and EDL 774 as required area work. Other students might choose those courses as electives. This is an Instructional Supervision Endorsement, not a Level Five Certificate in Educational Leadership. Students pursuing the Instructional Improvement Emphasis might instead wish to earn a Subject Area Supervisor's Endorsement by taking EDL 875 as an elective in the Doctoral Core and one other supervision course in their specialty area (e.g. RDG 861) as an elective.

The Doctoral Core. This is the intellectual nexus of the program. As such, it contains courses to be taken by all doctoral students. The required courses in The Doctoral Core provide contexts from which one will pursue advanced study in curriculum. These courses include study in power and schooling, ethics and education, history of curriculum and a critical understanding of design and evaluation.

Research and Inquiry. This area is designed to introduce the student scholar to both the methods of research and the contexts of inquiry. Both components are essential in preparation for 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 one might make an informed decision as to the general approach (i.e. quantitative or qualitative) to pursue in order to effectively address a topic or problem in curriculum.

Emphasis Areas. The Emphasis areas are a key programmatic feature of this plan. Rather than limiting students to constricted exposure to areas outside the major field of study, the program establishes five emphasis areas covering a broad terrain of scholarly inquiry and educational application, each containing 30 quarter hours.

I. Curriculum Theory

This emphasis provides students the opportunity to engage a highly advanced and specialized study of curriculum theory, design, and evaluation. As such, students will exit the program capable of gaining employment at the district levels of public school systems as a curriculum director or specialist or of entering the professorate as a curriculum scholar. The program is designed to provide both depth and breadth of learning experiences in the field of curriculum beyond the studies of The Doctoral Core and ensures an intensive exposure to critical aspects of the field.

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DOCTOR OF EDUCATION, CURRICULUM STUDIES**(Continued)****II. Instructional Improvement**

This emphasis area meets the needs of many practicing professionals in South Georgia including curriculum developers, 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. Many individuals in South Georgia are “place-bound” and have not had the opportunity for advanced professional development. However, the need for well-educated individuals in these positions is paramount. Education will improve only if teaching improves and individuals in positions to work with teachers need to be highly qualified and well-trained in innovative techniques for instructional improvement.

III. Literacy Education

Literacy has been largely conceptualized in the nation’s schools as the acquisition of reading and writing skills. This emphasis area moves beyond that utilitarian definition of the term to invoke a larger sphere which integrates diverse aspects of reading, writing, language, and sociolinguistics which are usually addressed in separate programs. As such, this area of emphasis takes an interdisciplinary approach utilizing a broad definition of literacy as the construction and organization of experience and its articulation through both written and oral forms of communication. The strength of this emphasis lies both in reflection of modern research and perspectives by integrating diverse aspects of language, reading, and writing, traditionally addressed by distinct programmatic organizational patterns; and its targeting of an array of problems endemic to the region to be served by the program. In regard to the latter, this emphasis area will target broad issues in literacy rather than focusing on one classroom aspect.

IV. Mathematics/Science/Computing Technology Education

The emphasis in Mathematics/Science/ Computing Technology Education is intended for mathematics and science teachers, curriculum directors, and others with a high degree of interest and aptitude in any of these areas. This emphasis is not a set of separate inquires into discrete content areas, but rather an interdisciplinary program emphasizing *the connections* between mathematics in science education, science in mathematics education and computing technologies in both fields.

V. Multicultural Education

Originally linked to concerns of racism in schools and schooling, the content of multicultural education has expanded to address inequities based upon gender, class, age, and/or physical ability, as well as wider concerns of cultural diversity. The program emphasizes both the breadth of analysis inherent in contemporary approaches to multicultural education and the relationship of inquiry to those same analytics. The emphasis area explores new methods for meeting the challenges posed by individual and structural racism, provides for the intense investigation of the needs and problems of the culturally diverse groups found within the region, and offers opportunities to engage in field work in the region. In addition the emphasis facilitates the study of cultural conflicts to determine the roles of family and community in successful multicultural education. Further the emphasis area addresses how schools might promote creative or non-violent conflict resolution, appreciation of cultural diversity, and the relationship of culture and academic achievement.

Grade Average. To be eligible for graduation, a student must maintain a cumulative 3.0 grade point average.

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. Proposal defense
5. Dissertation defense

Candidacy Examination and Candidacy Committees. During their tenure in the Ed.D. program in Curriculum Studies, students with their advisors assemble two separate examination committees, the Candidacy Examination Committee and the Dissertation Committee. Each committee has a distinct mission in the program and specific membership criteria. The membership of these committees may or may not be comprised of the same individuals, at the student’s discretion.

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DOCTOR OF EDUCATION, CURRICULUM STUDIES**(Continued)**

Following the completion of the prescribed minimum course work and before a student is formally admitted to candidacy for the doctoral degree, a Candidacy Examination must be passed. This examination evaluates both the work to date and the student's qualifications for advanced research. The content of the examination will cover three blocks: the Core, Research, and an Emphasis area. The administration of the examination consists of two parts, written and oral. The formats for the written portion can be either take-home or timed, determined for the individual blocks by the student in concert with the committee chair. The oral portion must be completed within four weeks after the written portion is concluded. If a student does not pass all sections of the candidacy examination, the committee may grant one additional examination over the failed section/s to be administered under conditions stipulated by the committee members. These conditions might include additional course work at the committee's discretion. Students may not take the additional examination any earlier than the term following the first examination.

The Candidacy Committee is comprised of three faculty, each responsible for one of the examination blocks (Core, Research, Emphasis). 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 begins work on the dissertation.

Dissertation Defense and Dissertation Committees. The dissertation is simultaneously the last requirement in the program and the first research project as a curriculum scholar. There are two checkpoints in the dissertation process. The Proposal Defense ensures the committee's agreement with the project and elicits any preliminary suggestions and/or redirection of question, context, method, and/or analysis. Upon completion of both the proposal defense and the dissertation, candidates must pass a final oral Dissertation Defense which evaluates the work done and overall competence in the field of study.

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.

The Dissertation Defense is proctored by at least four members of the Graduate Faculty and conducted in a public forum. The membership of the Dissertation Committee 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. The Dean of the College of Graduate Studies must approve membership of the Dissertation Committee. Three of the four members must approve the dissertation and the final examination in order for the candidates to receive the doctoral degree. If the committee is larger than four, at the candidate's discretion, there may be only one dissenting vote in order for the candidate to pass.

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 Committee for an individual doctoral student in the Curriculum Studies program. Further information and criteria for such an appointment should be obtained from the dissertation chair.

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DOCTOR OF EDUCATION, CURRICULUM STUDIES**(Continued)****Program of Study**

Note: All electives must be approved by advisor.

Doctoral Core	30 hours
Doctoral Core Required Courses (20 hours)	
CUR 852 Advanced Seminar in Curriculum Theory (5)	
CUR 862 History of American Curriculum (5) or FED 874 History of American Education (5)	
CUR 872 Power and Schooling (5) or FED 876 Sociology of Education (5)	
FED 855 Ethical Dimensions of Education (5)	
Doctoral Core Electives (10 hours)	
Research and Inquiry	30 hours
Research and Inquiry Required Courses (20 hours)	
CUR 864 Forms of Curriculum Inquiry (5)	
EDR 761 Introduction to Statistics in Education (5)	
EDR 869 Qualitative Research (5)	
FED 878 Theoretical Foundations of Educational Inquiry (5)	
Research and Inquiry Electives (10 hours)	
Emphasis Area	30 hours
Student completes one of the following Emphasis Areas.	
Emphasis in Literacy Education Required Courses (15 hours)	
EC 865 Doctoral Seminar in Literacy (5)	
CAS 751 Descriptive Linguistics (5)	
RDG 856 Advanced Diagnosis of Reading Difficulties (5)	
Emphasis in Literacy Education Electives (15 hours)	
Emphasis in Mathematics/Science/Computing Technology Education Required Courses (15 hours)	
EMS 881 Trends and Issues in Mathematics/Science/Computing Technology Education (5)	
EMS 883 Applications of Mathematics and Science for Educators (5)	
EMS 885 Computing Technologies in Mathematics and Science for Educators (5)	
Emphasis in Mathematics/Science/Computing Technology Education Electives (15 hours)	
Emphasis in Multicultural Education Required Courses (15 hours)	
FED 763 Comparative Educational Thought (5)	
FED 871 Advanced Seminar in Cultural Studies (5)	
FED 873 Regional Issues in Multicultural Education (5)	
Emphasis in Multicultural Education Electives (15 hours)	
Emphasis in Instructional Improvement Required Courses (10 hours)	
EDT 759 Intro to Instructional Design (5)	
EDL 774 Supervision of Instruction (5)	
Emphasis in Instructional Improvement Electives (20 hours)	
Emphasis in Curriculum Theory Required Courses (20 hours)	
CUR 853 Curriculum Design and Evaluation (5) (May be repeated once for elective credit.)	
CUR 860 Curriculum for Effective Schooling (5) (May be repeated once for elective credit.)	
CUR 861 Critical Reading in Curriculum Issues (5) (May be repeated once for elective credit.)	
CUR 868 Contemporary Curriculum Theorists (5) (May be repeated once for elective credit.)	
Emphasis in Curriculum Theory Electives (10 hours)	
Dissertation	15 hours
CUR 990 Dissertation	

College of Health and Professional Studies

MASTER OF RECREATION ADMINISTRATION

M.R.A.

60 HOURS

Total Hours: 60 with Thesis + Seminar Research

Advising: Department of Recreation and Sport Management, Dr. Henry Eisenhart, GSU, P.O. Box 8077, Statesboro, GA 30460, (912) 681-5462, FAX: (912) 681-0386

Admission Requirements

Regular:

1. Completed bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. A 2.5 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. GRE (total Verbal, Quantitative & Analytical) = 1450
GRE (450 Verbal & 450 Quantitative or Analytical) = 900
GPA(200) +GMAT = 1000
MAT = 44
4. An undergraduate major in recreation or a discipline closely related to one of the recognized emphasis areas associated with undergraduate recreation education.
5. Three letters of recommendation.

Provisional:

1. Completed bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. A 2.5 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. GRE (total Verbal, Quantitative & Analytical) = 1350
GRE (400 Verbal & 400 Quantitative or Analytical)
GPA(200) +GMAT = 1000
MAT = 36
4. An undergraduate major in recreation or a discipline closely related to one of the recognized emphasis areas associated with undergraduate recreation education.
5. Three letters of recommendation.

Professional courses 20 hours

REC 850 Philosophy of Recreation (5) REC
851 Administration of Recreation (5) REC
853 Issues and Trends in Recreation (5) REC
854 Recreation Seminar (5)

Specific Requirements 10 hours

REC 855 Research in Recreation (5)
REC 893 Directed Independent Study (5)
or REC 999 Thesis in Recreation (10)
or REC 891 Internship (10)

Electives 10 hours

Other Program Requirements

Related courses, to include a minimum of one course in statistics and/or a course in computer applications—20 hours

MASTER OF SCIENCE, MAJOR IN KINESIOLOGY**M.S.****60 HOURS****Total Hours: 40 + 10 hr Thesis or 45 + 15 hr Intern****Advising: Department of Health & Kinesiology, Dr. Jim McMillan, GSU, P.O. Box 8076, Statesboro, GA 30460, (912) 681-0200, McMillan@gsvms2.cc.gasou.edu, FAX: (912) 681-0381****Admission Requirements****Regular:**

1. Completed bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. A 2.75 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. GRE (total Verbal, Quantitative & Analytical) = 1450
GRE (450 Verbal & 450 Quantitative or Analytical) = 900
MAT = 48
4. 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, relevant work experience and a self-evaluation of maturity level and character.
5. Letters of recommendation from three individuals who can speak to the applicant's undergraduate academic performance, potential for graduate study, and character.

Provisional:

1. Completed bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. A 2.5 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. GRE (total Verbal, Quantitative & Analytical) = 1350
GRE (400 Verbal & 400 Quantitative or Analytical)
MAT = 44

Investigative Core 25 Thesis hours/30 Internship hours

KIN 5100 Research Design in Kinesiology (5)
 KIN 5110 Data Analysis in Kinesiology (5)
 KIN 5115 Seminar in Kinesiology (5)
 KIN 5198 Internship(15)
 KIN 5199 Thesis

Required Hours Bio-physical Kinesiology 30 hours

KIN 5220 Exercise Physiology (5)
 KIN 5255 Exercise and Sport Psychology (5)
 KIN 5240 Biomechanics (5)
 KIN 5210 Laboratory Techniques in Kinesiology (5)
 Elective (5)

Behavioral Kinesiology 30 hours

KIN 5255 Exercise and Sport Psychology (5)
 KIN 5260 Applications of Exercise And Sport Psychology(5)
 KIN 5250 Motor Control and Learning (5)
 KIN 5205 Applications of Exercise Physiology (5) or Applications of Biomechanics (5)
 Elective (5)
 Elective (5)

Therapeutic Kinesiology 30 hours

KIN 5230 Management Strategies in Sport Medicine (5)
 KIN 5235 Art and Science in Sport Medicine (5)
 KIN 5200 Exercise Physiology (5)
 KIN 5240 Biomechanics (5)
 Elective (5)

Other Program Requirements

SEE ACADEMIC STANDARDS AND REGULATIONS IN THE GRADUATE SECTION FOR INFORMATION ON PROGRAM OF STUDY AND COMPREHENSIVE EXAMINATION PROCEDURES.

Thesis: The thesis option is for students who have an interest in research and is strongly recommended for students planning to pursue doctoral study. Students, with support from their major professor and thesis committee, develop, conduct, and write a data-based research thesis. The thesis option includes an oral defense, which is considered a part of the comprehensive examination. Departmental and College of Graduate Studies policies and procedures should be followed throughout the process.

Internship: The internship option is for students who have an interest in clinical and/or applied careers. The internship provides the student an opportunity to apply knowledge and skills acquired in the course work phase of the program. The internship must consist of at least one full academic quarter. The intern is expected to work 35-40 clock hours per week. The internship option includes a project and an oral presentation, which is considered a part of the comprehensive examination. Departmental and College of Graduate Studies policies and procedures should be followed throughout the process.

MASTER OF SCIENCE, MAJOR IN SPORT MANAGEMENT**M.S.****60 HOURS****Total Hours: 45 + 15 hr Intern or Thesis****Advising: Department of Recreation and Sport Management, Dr. Henry Eisenhart, GSU, P.O. Box 8077, Statesboro, GA 30460, (912) 681-5462, FAX: (912) 681-0386****Admission Requirements****Regular:**

1. Completed bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. A 2.75 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. GRE (total Verbal, Quantitative & Analytical) = 1450
GRE (450 Verbal & 450 Quantitative or Analytical) = 900
GPA(200) +GMAT = 1000
MAT = 44
4. Successful completion of a personal interview with ranking members of the faculty.

Provisional:

1. Completed bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. A 2.5 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. GRE (total Verbal, Quantitative & Analytical) = 1350
GRE (400 Verbal & 400 Quantitative or Analytical)
GPA(200) +GMAT = 950
MAT = 36
4. Successful completion of a personal interview with ranking members of the faculty.

Program of Study

General Requirements

SM 860 Social and Ethical Issues in Sport (5)

SM 862 Administration of Athletics (5)

SM 864 Sport Marketing (5)

SM 866 Issues in Amateur Sport (5)

SM 756 Research Strategies in Sport Science (5) **or** SM 893 Directed Individual Study**or** BA 893 Research Methods in Business

BA 745 Fundamentals of Management and Organizational Behavior

BA 841 Computer Application for Organizational Behavior and Management

Restricted Electives

SM 891 Internship

or SM 999 Thesis**Other Program Requirements**

The internship in Sport Management is a vital component of the MS program. The internship affords each student an opportunity to practically apply knowledge and skills acquired in the course work phase of the program. The internship may begin following completion of at least 30 hours of course work. Additionally, the student must have a program of study which is approved by the advisor, the Chair of the Department of Recreation and Sport Management and the Dean of the College of Graduate Studies. It must consist of at least one full academic quarter (10 weeks) to a maximum of one year. The intern is expected to work 35-40 hours per week if the internship is to be completed in one quarter. This is negotiable in instances where the internship lasts for two or more quarters.

The intern is expected to complete at least one long term project during the internship. The project assignment is left to the agency. Each intern is also responsible for completing a weekly log and work schedule and mailing or faxing these items to the college supervisor.

At the conclusion of the internship, the student will present a slide and oral presentation relating all aspects of the internship. This presentation is a portion of the final exit exam. The final grade will be determined by the college supervisor in conjunction with the on-site supervisor's mid-term and final evaluations.

Candidates may choose to complete a thesis in place of the internship. This option would normally be chosen by those students planning to pursue doctoral study in Sport Management or Sport Administration. All guidelines established by the College of Graduate Studies concerning theses must be adhered to by any student choosing the thesis option.

MASTER OF SCIENCE IN NURSING**M.S.N.****60 + HOURS****Total Hours: 60 + Project or Thesis****Advising: Department of Nursing**, Dr. Donna Hodnicki, GSU, P.O. Box 8158, Statesboro, GA 30460, (912) 681-5242, FAX: (912) 681-0536**Admission Requirements****Regular:**

1. Completed bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. A 3.0 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. GRE (450 Verbal & 450 Quantitative or Analytical)
MAT = 44
4. Must supply a photocopy of Nursing License with application.
5. Completion of 2 years clinical experience.
6. Three letters of reference.

Provisional:

1. Completed bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. A 2.7 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
3. GRE = (V + Q or A) = 800
GRE (450 Verbal & minimum 350 Quantitative or Analytical)
MAT = 36
4. Must supply a photocopy of Nursing License with application.
5. Completion of 2 years clinical experience.
6. Three letters of reference.

General Requirements

- NUR 750 Theory Development in Nursing (5)
- NUR 752 Research Design in Nursing (5)
- NUR 754 Professional Roles and Issues (5)
- NUR 756 Health Policy Concerns in Delivery Systems (5)

Required Courses for Rural Community Health Clinical Nurse Specialist 40 hours

- NUR 751 Health Care of Rural and Urban Families (5)
- NUR 857 Health Program Planning and Evaluation (5)
- NUR 873 Epidemiology of Contemporary Health Problems (5)
- NUR 753 Health Promotion in Rural Communities (5)
- NUR 855* Rural Nursing I: Health Care Organizational Management (5)
- NUR 856* Rural Nursing II: Nursing Leadership in Human Resource Management (5)
- NUR 872* Rural Community Health Specialist Practicum (5)
- NUR 897 Project (5) **or** NUR 999 Thesis (optional) (10)

Required courses for Rural Family Nurse Practitioner 55 hours

- NUR 751 Health Care of Rural and Urban Families (5)
- NUR 873 Epidemiology of Contemporary Health Problems (5)
- NUR 850* Rural Primary Care; Coping with Lifestyle Problems (5)
- NUR 858* Rural Primary Care for the FNP I (5)
- NUR 859* Rural Primary Care for the FNP II (5)
- NUR 860* Rural Primary Care for the FNP III (5)
- NUR 861* Rural Primary Care for the FNP IV (5)
- NUR 862* Beginning Preceptorship (5)
- NUR 863* FNP Preceptorship and Project I (5)
- NUR 893* FNP Preceptorship and Project II (10)

Other Program Requirements

See academic standards and regulations in the graduate section for information on program of study and comprehensive examination procedures.

A student admitted Non-Degree to the Post Master of Science in Nursing Family Nurse Practitioner Certificate Track must meet the same academic standards and regulations for progression and retention as a Degree-seeking student.

Students completing the Family Nurse Practitioner major are eligible to sit for national certification examinations offered by the American Nurse's Credentialing Center and the American Academy of Nurse Practitioner.

In addition, a Post-MSN certificate as a Rural Family Nurse Practitioner is offered. Preference is given to applicants with a desire to work and live in rural or under served areas. Minority and rural students are encouraged to apply.

College of Liberal Arts and Social Sciences

MASTER OF ARTS, MAJOR IN ENGLISH

M.A.

55 HOURS

Total Hours: 45 + 10 hr Thesis

Advising: College of Liberal Arts and Social Sciences, Department of Literature & Philosophy, Dr. Tom Lloyd, GSU, P.O. Box 8023, Statesboro, GA 30460, (912) 681-5471, FAX: (912) 681-0653

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. A score of no less than 550 on the Verbal section of the Graduate Record Examinations (GRE).
4. An undergraduate major or the equivalent in the proposed field of study.

Provisional:

A minimum score of 450 on the Verbal section of the GRE 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

Candidates for the M.A. in English must complete 45 hours of graduate courses, including English 820 and 830 and at least 20 hours of other 800 and 900 level seminars. They must also write a thesis a minimum of 60 pages long, not counting "Notes" and "Works Cited," and pass an oral examination consisting of a discussion of the thesis and of questions related to it. In addition to the traditional M.A. thesis on a literary subject, candidates may write a creative thesis in poetry or fiction which will include a critical introduction for 15-20 pages in the 60 page minimum length.

Other Program Requirements

Language Requirement

All degree programs leading to the Master of Arts degree require a reading knowledge of a foreign language. Either 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/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 grade of "C" or better 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/her field should prepare to take the Foreign Language Graduate Reading Exam administered by the Department of Foreign Languages. The exam is given during the third week of each quarter. The student must register for the exam with the Department of Foreign Languages no later than the last week of the quarter 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 student can select either a book of at least 150 pages or several articles totaling at least 75 pages, excluding graphs, tables, etc.

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 and grammars during the exam will be permitted. The examining committee for foreign languages shall report "pass" or "fail" to the College of Graduate Studies.

Thesis

Each candidate for the Master of Arts degree must complete a thesis on a subject connected with his/her major field of study. 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 thesis will have been read by the members of the thesis committee. One member, termed the second reader, shall have the responsibility for an intensive and vigorous criticism of the thesis and the third member of the thesis committee shall have the responsibility of an "editorial reader." Both second and third readers shall report all comments to the major professor.

See the Graduate Student Manual for additional Thesis information

MASTER OF ARTS, MAJOR IN HISTORY**M.A.****50 HOURS****Total Hours: 40 + 10 hr Thesis****Advising: College of Liberal Arts and Social Sciences, Department of History, Dr. Alan Downs, GSU, P.O. Box 8054, Statesboro, GA 30460, (912) 681-5586, FAX: (912) 681-0377****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. A minimum score of 500 on the Verbal section and a minimum score of 500 on the Quantitative or Analytical sections of the Graduate Record Examinations (GRE).
4. An undergraduate major or the equivalent in the proposed field of study.

Provisional:

A minimum score of 450 on the Verbal section and 400 on the Quantitative section or 400 on the Analytical section of the GRE accompanied by a better than 2.75 (4.0 scale) cumulative grade point average on undergraduate college work.

Program of Study

Candidates for the Master of Arts in History must complete 40 hours of graduate coursework. At least 20 hours must come from courses at the 800 level. Students must also pass a reading knowledge examination in an appropriate foreign language, prepare an acceptable thesis, and pass an oral examination on the thesis and all courses taken for the degree.

Language Requirement

The M.A. degree requires a reading knowledge of a foreign language. Either 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/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 grade of "C" or better 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/her field should prepare to take the Foreign Language Graduate Reading Exam administered by the Department of Foreign Languages. The exam is given during the third week of each quarter. The student must register for the exam with the Department of Foreign Languages no later than the last week of the quarter 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 student can select either a book of at least 150 pages or several articles totaling at least 75 pages, excluding graphs, tables, etc.

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 and grammars during the exam will be permitted. The examining committee for foreign languages shall report "pass" or "fail" to the College of Graduate Studies.

Thesis

Each candidate for the M.A. degree must complete a thesis on a subject connected with his/her major field of study. 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 thesis will have been read by the members of the thesis committee. One member, termed the second reader, shall have the responsibility for an intensive and vigorous criticism of the thesis and the third member of the thesis committee shall have the responsibility of an "editorial reader." Both second and third readers shall report all comments to the major professor.

See the Graduate Student Manual for additional Thesis information

MASTER OF ARTS, MAJOR IN POLITICAL SCIENCE**M.A.****50 HOURS**

Advising: College of Liberal Arts and Social Sciences, Department of Political Science, Dr. Gale Harrison, GSU, P.O. Box 8101, Statesboro, GA 30460, (912) 681-5698, gharrison@gsvms2.cc.gasou.edu, FAX: (912) 681-5348

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. A score of no less than 550 on the Verbal section and 450 on the Quantitative section or 450 on the Analytical section of the Graduate Record Examinations (GRE).
4. An undergraduate major or the equivalent in the proposed field of study.

Provisional:

A minimum score of 450 on the Verbal section and 400 on the Quantitative section or 400 on the Analytical section of the GRE accompanied by a better than 2.75 (4.0 scale) cumulative grade point average on undergraduate college work.

Program of Study

Candidates for the M.A. in Political Science must complete 40 hours of advisor approved course work, including PSC 870 Research Methodology and a graduate course in American National Government. At least 20 hours must be at the 800 level. Finally, each student must write a thesis appropriate to the program of study and successfully defend this research during an oral examination.

Required Hours

PSC 870 Research Methodology (5)

Graduate course in American National Government (5)

Other Program Requirements

PSC 999 Thesis (10)

Language Requirement

The Master of Arts degree requires a reading knowledge of a foreign language. Either French, German, or Spanish is generally required, but another language may be specified by the major professor. A foreign national may not use English or his/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 grade of "C" or better 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/her field should prepare to take the Foreign Language Graduate Reading Exam administered by the Department of Foreign Languages. The exam is given during the third week of each quarter. The student must register for the exam with the Department of Foreign Languages no later than the last week of the quarter 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 student can select either a book of at least 150 pages or several articles totaling at least 75 pages, excluding graphs, tables, etc.

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 and grammars during the exam will be permitted. The examining committee for foreign languages shall report "pass" or "fail" to the College of Graduate Studies.

Thesis

Each candidate for the Master of Arts degree must complete a thesis on a subject connected with his/her major field of study. 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 thesis will have been read by the members of the thesis committee. One member, termed the second reader, shall have the responsibility for an intensive and vigorous criticism of the thesis and the third member of the thesis committee shall have the responsibility of an "editorial reader." Both second and third readers shall report all comments to the major professor.

See the Graduate Student Manual for additional Thesis information

MASTER OF ARTS, MAJOR IN SOCIOLOGY**M.A.****50 HOURS**

Advising: College of Liberal Arts and Social Sciences, Department of Sociology & Anthropology, Dr. Jie Zhang, GSU,
P.O. Box 8051, Statesboro, GA 30460, (912)681-5443, Zhangjie@gsaix2.cc.gasou.edu, FAX: (912) 681-0703

Admission Requirements**Regular:**

1. Bachelor's degree in Sociology or related field from a regionally accredited college or university.
2. A 2.5 (4.0 scale) or higher cumulative grade point average on all undergraduate work OR a 3.0 (4.0 scale) or higher grade point average for course work completed during the junior and senior years.
3. A score of 400 or higher on the Verbal section and 400 or higher on the Quantitative or Analytical sections of the Graduate Record Examinations (GRE).
4. Two letters of recommendation from individuals who are familiar with the applicant's potential for graduate study.

Core Courses 15 hours

- SOC 850 Contemporary Theory (5)
- SOC 851 Research Design and Methodology (5)
- SOC 852 Quantitative Data Analysis (5)

Specialty Courses 25 hours

Students will select 25 hours of additional graduate course work in consultation with the graduate advisor. Specialty courses should contribute directly to the student's educational and career goals. Ten hours of this course work may be completed outside the Sociology department.

Other Program Requirements**Terminal Project 10 hours**

Graduate candidates may complete a research thesis or an applied monograph as the terminal project. The research thesis is recommended for students who will be continuing in graduate or professional education, and the applied monograph is designed for students who will be employed in organizational settings after completing the M.A. degree. Examples of applied monographs include program development and program evaluation projects.

Foreign Language Requirement

Sociology graduate students may fulfill the language requirement through foreign language course work, passing the Foreign Language Reading exam, or earning a "C" or better in ten hours of computer and/or statistics course work approved by the graduate advisor.

See the Graduate Student Manual for additional Thesis information

MASTER OF FINE ARTS**M.F.A.****90 HOURS**

Advising: College of Liberal Arts and Social Sciences, Department of Art, Mr. Richard Tichich, GSU, P.O. Box 8032, Statesboro, GA 30460, (912) 681-5358, FAX: (912) 681-5104

Admission Requirements**Regular:**

1. Completed requirements for the bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. Completed a minimum of 30 hours of undergraduate studio arts courses and a minimum of 15 hours of art history.
3. A 2.5 (4.0 scale) cumulative grade point average or higher on all undergraduate work. Prospective students are required to submit a creative portfolio for consideration by the graduate faculty in the Art Department.

Program of Study

A student admitted to the Master of Fine Arts degree will pursue either a two-dimensional or three-dimensional concentration. Between the completion of 30 and 45 hours, the student must pass a review board consisting of a major professor and two other faculty members appointed by the head of the department.

The review will consider successful completion of the program. Upon approval, the student will be expected to complete the program within a two-year period.

A grade of A or B is required in course work applied toward the degree.

Requirements 90 hours

Major concentration (2-D or 3-D) (47)

Art History (15)

Graduate Seminar (8)

Thesis Exhibition (10)

Electives outside Major Concentration (10)

See academic standards and regulations in the introduction to The College of Graduate Studies for information on program of study and comprehensive examination procedures.

Thesis Exhibition

The M.F.A. thesis exhibition is a major exhibition of studio art work supported by a written text. The exhibition and text will be produced under the supervision of the major professor. The text should be a comprehensive research paper that supplies historical and critical perspectives on the exhibition.

MASTER OF PUBLIC ADMINISTRATION**M.P.A.****60 + HOURS****Total Hours: 60 + Internship**

Advising: College of Liberal Arts and Social Sciences, Department of Political Science, Dr. Sharon Tracy, GSU, P.O. Box 8101, Statesboro, GA 30460, (912) 681-0571, Stracy@gsvms2.cc.gasou.edu, FAX: (912) 681-5348

Admission Requirements**Regular:**

1. Completed requirements for the bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. A 2.5 (4.0 scale) cumulative grade point average or higher on all courses in undergraduate work.
3. Scores of 400-500 on the verbal portion of the Graduate Record Examinations and 400-500 on the quantitative portion of that exam are typical for applicants to the MPA Program. Scores lower than 400 on either portion will be considered, but the applicant will need other strong evidence of ability to perform satisfactorily in graduate level work.
4. An undergraduate major or the equivalent appropriate to the proposed field of study. For the applicant who has insufficient preparation in political science, PA 852 American Government Seminar is required. All students admitted to the program must have completed a course in statistics before taking PA 870 Research Methods.
5. A current resume detailing relevant work experience. The Internship requirement is keyed to previous and current employment.
6. Three (3) letters of recommendation by persons familiar with the applicant's academic and/or employment experience.

In the case of an incomplete admission application, the student must have an undergraduate average of 3.0 and will be restricted to one course until completion of the admission criteria.

Provisional: Approval of the MPA Admissions Committee.

Prerequisites: Undergraduate statistics

Program of Study

The graduate student and the MPA Program Director shall jointly develop a program of study which includes 40 quarter hours in graduate courses called "core requirements," and 20 additional quarter hours of Public Administration or related elective course work.

Core Requirements 40 hours

- PA 855 Ethics For The Public Administrator (5)
- PA 856 Public Budgeting Management (5)
- PA 861 Local Government Administration
or PA 857 State Government Administration
or PA 868 Intergovernmental Relations (5)
- PA 862 History, Scope and Practice of Public Administration (5)
- PA 869 Public Personnel Management (5)
- PA 870 Research Methodology (5)
- PA 875 Public Administration: Data Analysis (5)
- PA 872 Public Organizations (5)

Public Administration or Related Electives 20 hours**Other Program Requirements**

Internship 5 to 10 hours

Oral Comprehensive Examination

Internship Requirements

In addition to the 60 hours of classroom instruction, an internship in a public agency or organization is required for completion of the MPA program. All students must have a 3.0 GPA before beginning the MPA internship. The Internship in Public Administration is a major component of the MPA Program. The internship provides each student an opportunity to apply knowledge and skills acquired in the course work phase of the program.

Pre-service students serve a six-month internship in an appropriate agency or organization. In-service students, individuals who have already established themselves in an area of employment before entering the MPA Program, can fulfill the internship requirements at the existing agency or organization. In-service students can typically complete the necessary Internship Paper in one quarter.

Pre-service students submit progress reports on the Internship each quarter. Letter grades are awarded for these interns each term. However, in-service students receive only the single grade. If their product is not complete at the end of the quarter, they receive the grade "IP" (In Progress). This is changed to a letter grade when the final product is approved.

See academic standards and regulations in the introduction to The College of Graduate Studies for information on program of study and comprehensive examination procedures.

MASTER OF SCIENCE, MAJOR IN PSYCHOLOGY M.S. 60-65 HOURS

Advising: College of Liberal Arts and Social Sciences, Department of Psychology, Dr. Richard Rogers, GSU, P.O. Box 8041, Statesboro, GA 30460, (912) 681-5539, FAX: (912) 681-0751

Admission Requirements**Regular:**

1. Completed requirements for the bachelor's degree in a college accredited by the proper regional accrediting associations.
2. Taken Intro to Psychology and an introductory statistics course. In addition, it is preferred that the applicant have taken Research Methods or Experimental Psychology and, for the Clinical Track, Abnormal Psychology.
3. A 3.0 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
4. A score of no less than 500 on the Verbal section and 500 on the Quantitative section of the Graduate Record Examinations (GRE).
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, and a choice of track in the Psychology graduate program: Experimental or Clinical.
 - b. Letters of recommendation from two 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 one but not both the GPA requirement and the GRE requirement, provisional admission may be granted by departmental graduate faculty base do n their consideration of the materials submitted by the applicant.

Typical Program of Study for the Experimental Track 60 hours

Statistics and Research Design (10)
 Content courses, e.g., Developmental Psychology, Cognitive Psychology (30)
 Applied research courses, e.g., Research Experience (10)
 Thesis (10)

Typical Program of Study for the Clinical Track 65 hours

Research for Applied Psychology (5)
 Clinical skills course, i.e., Assessment and Therapy (25)
 Content courses, e.g., Developmental Psychology, Psychopathology (24)
 Practice in Assessment and Therapy (6)
 Directed study research paper (5)

Allen E. Paulson College of Science and Technology

MASTER OF SCIENCE, BIOLOGY

M.S.

50 HOURS

Total Hours: 40 + 5 hr thesis + 5 hr research

Advising: Department of Biology, Dr. Stephen Vives, GSU, P.O. Box 8042, Statesboro, GA 30460, (912) 681-5487, Svives@gsvms2.cc.gasou.edu, FAX: (912) 681-0845

Admission Requirements

Regular:

1. Completed requirements for the bachelor's degree from a college accredited by the proper regional accrediting associations.
2. An undergraduate major or the equivalent in the proposed field of study.
3. A 2.75 (4.0 scale) cumulative grade point average or higher on all undergraduate work.
4. A score of no less than 800 total on the Graduate Record Examinations (GRE) with a minimum score of 350 on the Verbal section and a 350 on the Quantitative section of the GRE.
5. Two letters of reference and a short statement of career goals.

Provisional:

A student may be granted provisional admission with a minimum score of 750 total on the GRE (minimum 350 Verbal and 350 Quantitative) accompanied by a better than 2.5 (4.0 scale) cumulative grade point average on under-graduate college work. Additionally, a student must have a faculty sponsor to be granted provisional admission. A recommendation from the Department Admissions Committee is also necessary.

Program of Study

General Requirements

BIO 831 Graduate Seminar (3)

The requirements for the biology major include the satisfactory completion of a minimum of 40 quarter credit hours in graduate course work plus 10 quarter hours of thesis. A maximum of five (5) credit hours of research (BIO 879) may be substituted for five (5) hours of thesis credit.

Each candidate for the Master of Science degree in Biology must complete a thesis on a subject approved by his/her major professor. An exit seminar must be presented to the department prior to graduation.

The final comprehensive/thesis examination may include questions on the thesis, subject matter related to the thesis, and on course work taken at Georgia Southern University. In addition, a knowledge of a broad range of biological principles such as those covered in a two quarter introductory college sequence is expected. Toward this end, a written examination equivalent to a final in a two quarter introductory college sequence must be passed with a minimum score of 80 percent.

See academic standards and regulations in the introduction to The College of Graduate Studies for information on program of study and comprehensive examination procedures.

Non-degree students are accepted on an individual basis as space is available.

MASTER OF SCIENCE, MATHEMATICS**M.S.****55 HOURS****Total Hours: 40 + 15 hrs research project**

Advising: Department of Math & Computer Science, Dr. Lila Roberts, GSU, P.O. Box 8093, Statesboro, GA 30460, (912) 681-5390, Lila@gsu.cs.gasou.edu, FAX: (912) 681-0654

Admission Requirements**Regular:**

1. Completed requirements for the bachelor's degree in a science, engineering, or mathematical discipline at a regionally accredited college or university.
2. Provided scores from the Graduate Record Examinations to the College of Graduate Studies with other admission documents.
3. Successfully completed courses in calculus, probability, and linear algebra.
4. Demonstrated proficiency in at least one computer programming language.

Provisional:

Applicants who do not meet admission requirements may be admitted provisionally, but must take appropriate undergraduate courses before full 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.

Program of Study

Additionally, a concentration in applied mathematics requires knowledge of ordinary differential equations and introductory analysis, while the computer science concentration requires a knowledge of data structures and computer architecture.

To acquire a broad perspective, one course must be taken in each of the four possible areas of concentration. This is called the core requirement. Previous course work may be used to satisfy the core requirement of an area, in which case an elective may be substituted for a core course. In conjunction with the above requirements, each student must take at least four courses in one area of concentration. A core course may apply to this requirement. The degree requires the satisfactory completion of a minimum of 40 credit hours of graduate course work, a fifteen credit hour research project in the area of concentration, and successful defense of the results of the research project before a faculty committee. All courses must be approved by the student's advisor. A foreign language is not required.

The student pursuing a Master of Science degree in Mathematics must complete a research project in his/her area of concentration and submit a written report in compliance with requirements and procedures similar to those with a thesis.

See academic standards and regulations in the introduction to The College of Graduate Studies for information on program of study and comprehensive examination procedures.

MASTER OF TECHNOLOGY**M.T.****50 HOURS****Total Hours: 40 + 10 hrs thesis****Advising: Department of Industrial Technology, Dr. David Williams, GSU, P.O. Box 8046, Statesboro, GA 30460, (912) 681-5761, FAX: (912) 871-1455****Admission Requirements****Regular:**

1. Completed requirements for the bachelor's degree in a college accredited by the appropriate regional accrediting association.
2. A 2.5 (4.0 scale) cumulative grade point average or higher on courses in under-graduate work.
3. A score of no less than 450 on the Verbal section and 450 on the Quantitative section or the Analytical section of the Graduate Record Examinations.
4. An undergraduate major or the equivalent in the proposed field of study.

Provisional:

A student may be granted provisional admission with a minimum of 400 on the Verbal section and 400 on the Quantitative section or the Analytical section of the GRE accompanied by a better than 2.5 (4.0 scale) cumulative grade point average on undergraduate college work. A recommendation from the Department Admissions Committee is also necessary.

Program of Study

The Master of Technology degree program provides options in Engineering Technology, General Technology, Industrial Safety and Environmental Compliance, Industrial Management, Manufacturing, and Printing Management. These options permit the individualization of the program to each student.

The Graduate program coordinator in the College of Technology will develop a program of study to include:

Core Program 15 hours

IM 880 Case Study Analysis of Production Systems in Manufacturing Industries (5)

GT 852 History of Technology (5)

GT 857 Research (5)

Restricted Electives 25 hours**Thesis 10 hours****Other requirements****Thesis**

Each candidate for the Master of Technology degree must complete a thesis. In depth and scope the thesis must demonstrate originality in research and 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 thesis will have been read by the members of the thesis committee. One member, termed the second reader, shall have the responsibility for an intensive and vigorous criticism of the thesis and third member of the thesis committee shall have the responsibility of an "editorial reader." Both second and third readers shall report all comments to the major professor.

The style and format for the completed thesis shall follow that prescribed by the Technology graduate coordinator. Procedural steps in the preparation of the thesis are as follows:

1. The prospectus for the thesis shall be submitted to the major professor and research committee for approval.
2. An original of the completed thesis shall be submitted to the Dean of the College of Graduate Studies at least thirty days before graduation. After approval, the student will submit the specified number of copies required in the Graduate Student Manual.
3. The copies of the thesis must contain the written approval of the major professor, the members of the thesis committee, and the Dean of the College of Graduate Studies. The Graduate Studies Office will submit the copies of the thesis to the library for binding.

See academic standards and regulations in the introduction to The College of Graduate Studies for information on program of study and comprehensive examination procedures.

Course Descriptions

INTRODUCTION

This section of the catalog offers an alphabetical listing of undergraduate and graduate courses offered at Georgia Southern University, from African and African American Studies to Yoruba, 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 5, 6, 7, 8, or 9. (See "Course Numbering" below)

• CORE CURRICULUM

Course titles preceded by a bullet • are part of the Core Curriculum -- Areas I, II, and III -- 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 quarter, especially if a student is considering transferring or changing majors.

COURSE NUMBERING SYSTEM

In general, those beginning with "1" or "2" are considered lower division (freshman and sophomore) courses; those with a first digit of "3" or "4" are for students in upper division courses, primarily those with junior or senior standing. Courses dual-numbered with the first digit of "4" or "6", "5" or "7" are open to upperclassmen and graduate students. Courses with the first digit of "8" or "9" are open ONLY to those who have been formally admitted to the College of Graduate Studies, with the exception of courses in the college of Education. College of Education courses numbered 700 and above are open to graduate students ONLY with the exception of dual listed courses.

Generally, the second digit in the course number indicates the quarter hours credit for the course as follows: 0 or 1 = 1 hour credit; 2 = 2 hours credit; 3 = 3 hours credit; 4 = 4 hours credit; 5, 6, 7, or 8 = 5 hours credit, and 9 = variable, or 0 to 15 hours credit. The third or fourth digit is used only to designate a particular course.

ABBREVIATIONS

CHPS - College of Health and Professional Studies
 CLASS - College of Liberal Arts and Social Sciences
 COBA - College of Business Administration
 COE - College of Education
 COST - Allen E. Paulson College of Science and Technology
 VPAA - Office of Vice President for Academic Affairs
 Interdisciplinary - Courses offered by more than one department and/or college.

PREFIX COURSE

AAS AFRICAN & AFRICAN AMERICAN STUDIES
 ACC ACCOUNTING
 AD APPAREL DESIGN
 AED ADULT EDUCATION
 ANT ANTHROPOLOGY
 ARA ARABIC
 ART ART
 AS AMERICAN STUDIES
 BA BUSINESS ADMINISTRATION
 BCC BUILDING CONSTRUCTION & CONTRACTING
 BE BUSINESS EDUCATION
 BIO BIOLOGY
 CA COMMUNICATION ARTS
 CAB COMMUNICATION ARTS IN BROADCASTING
 CAF COMMUNICATION ARTS IN FILM
 CAJ COMMUNICATION ARTS IN JOURNALISM
 CAP COMMUNICATION ARTS - PUBLIC RELATIONS
 CAS COMMUNICATION ARTS - PUBLIC SPEAKING
 CAT COMMUNICATION ARTS IN THEATRE
 CED COUNSELOR EDUCATION
 CET CIVIL ENGINEERING TECHNOLOGY

CHE CHEMISTRY
 CHI CHINESE
 CIS COMPUTER INFORMATION SYSTEMS
 CSC COMPUTER SCIENCE
 CUR CURRICULUM
 EC EARLY CHILDHOOD ED
 ECO ECONOMICS
 EDB BUSINESS EDUCATION
 EDL EDUCATIONAL LAB EXPERIENCES
 EDP EDUCATIONAL PSYCHOLOGY
 EDR EDUCATIONAL RESEARCH
 EDT EDUCATIONAL TECHNOLOGY
 EET ELECTRONIC ENGINEERING TECHNOLOGY
 EGR ENGINEERING STUDIES
 EMS ELEMENTARY, MIDDLE GRADES, SECONDARY EDUCATION
 ENG ENGLISH
 EP ENRICHMENT PROGRAM
 ES ENGINEERING STUDIES
 ESL ENGLISH AS A SECOND LANGUAGE
 EXC EXCEPTIONAL CHILDREN
 FCS FAMILY & CONSUMER SCIENCE
 FED FOUNDATION OF EDUCATION
 FIN FINANCE
 FL FOREIGN LANGUAGES
 FM FASHION MERCHANDISING
 FRE FRENCH
 GER GERMAN
 GGY GEOGRAPHY
 GLY GEOLOGY
 GSU GEORGIA SOUTHERN UNIVERSITY
 GT GENERAL TECHNOLOGY
 HEC HOME ECONOMICS
 HED HIGHER EDUCATION
 HIS HISTORY
 HON HONORS
 HTH HEALTH
 IDH INTERIOR DESIGN AND HOUSING
 IET INDUSTRIAL ENGINEERING TECHNOLOGY
 IM INDUSTRIAL MANAGEMENT
 IS INTERNATIONAL STUDIES
 JPN JAPANESE
 JS JUSTICE STUDIES
 KOR KOREAN
 LAT LATIN
 LIT LOGISTICS & INTERMODAL TRANSPORT
 LST LEGAL STUDIES (LAW)
 MAT MATH
 MET MECHANICAL ENGINEERING TECHNOLOGY
 MFG MANUFACTURING
 MG MIDDLE GRADES EDUCATION
 MGT MANAGEMENT
 MKT MARKETING
 MS MILITARY SCIENCE
 MUE MUSIC ENSEMBLES
 MUS MUSIC
 NFS NUTRITION AND FOOD SERVICES
 NUR NURSING
 PA PUBLIC ADMINISTRATION
 PE PHYSICAL EDUCATION
 PEA PHYSICAL EDUCATION ACTIVITY
 PHI PHILOSOPHY
 PHS PHYSICAL SCIENCE
 PHY PHYSICS
 PM PRINT MANAGEMENT
 PSC POLITICAL SCIENCE
 PSY PSYCHOLOGY
 RDG READING
 REC RECREATION
 RHI RESTAURANT, HOTEL & INSTITUTIONAL ADMINISTRATION
 RS RELIGIOUS STUDIES
 RUS RUSSIAN
 SED SECONDARY EDUCATION
 SM SPORTS MANAGEMENT
 SOC SOCIOLOGY
 SPA SPANISH
 STA STATISTICS
 TD TECHNICAL DRAFTING AND DESIGN
 TED TECHNOLOGY EDUCATION
 TIE TRADE AND INDUSTRY EDUCATION
 VED VOCATIONAL EDUCATION
 WGS WOMEN'S AND GENDER STUDIES
 YOR YORUBA

African and African-American Studies

(Interdisciplinary)

AAS 350—Introduction to Sub-Saharan Africa and its Diaspora

An overview of the African diaspora, the cultures and societies of people of African descent throughout the world with particular attention given to those living in Africa, the Caribbean, Brazil, and the United States.

AAS/HIS/AS 352—African American History to 1877

See HIS 352 for course description.

AAS/HIS 353—African American History Since 1877

See HIS 353 for course description.

AAS/FRE 355—Non-European Francophone Literature

See FRE 355 for course description.

AAS/CAT 356C—African American Theatre

See CAT 356 for course description.

AAS/PSC/CA 356P—African American Politics

See PSC 356 for course description.

AAS/SOC/AS 359—Race and Ethnic Relations

See SOC 359 for course description.

AAS/MUS/AS 360—History of Jazz

See MUS 360 for course description.

AAS/HIS/LAS 373—Mexico and the Caribbean

See HIS 373 for course description.

AAS/PSC 379—African Politics

See PSC 379 for course description.

AAS/HIS 385—History of Sub-Saharan Africa I

See HIS 385 for course description.

AAS/HIS 386—History of Sub-saharan Africa II

See HIS 386 for course description.

AAS 399—Selected Topics in African and African American Studies

AAS/ANT/SOC/AS 457—The Rural South

See SOC 457 for course description.

AAS/SPA 458—Afro-Hispanic Literature

See SPA 458 for course description.

AAS/ANT 465—Peoples and Cultures of Africa

See ANT 465 for course description.

AAS/HIS 477—History of African Nationalism

See HIS 477 for course description.

AAS/ART 483—African Art and Culture

See ART 483 for course description.

AAS/ART 484—African American Art

See ART 484 for course description.

AAS 683—African Art And Culture

AAS/ENG 3463—African American Literature

See ENG 3463 for course description.

AAS/ENG 5410—Images in African- American Literature

See ENG 5410 for course description.

Accounting (COBA)

ACC 251—Principles of Accounting I

A survey of the accumulation and use of financial information.

ACC 252—Principles of Accounting II

A continuation of Principles of Accounting I. Prerequisite: ACC 251.

ACC 260—A Survey of Accounting

A survey of the use of accounting information for economic decisions. Prerequisite: none (Not open to BBA students, and will not substitute for ACC 251.)

ACC 353—Intermediate Accounting I

Introduction to accounting theory and practice at the professional level. Prerequisite: ACC 252, and a 2.5 GPA in ACC 251 and 252 or consent of instructor.

ACC 354—Intermediate Accounting II

A continuation of Intermediate Accounting I. Prerequisite: A “C” or better in ACC 353 or consent of instructor.

ACC 355—Managerial Accounting I

A study of job order and process cost accounting systems and the use of standard costs for management control. Prerequisite: A “C” or better in ACC 354 or consent of instructor.

ACC 360—Tax Aspects of Management Decisions

An introduction to federal taxation implications for business and financial management. Prerequisite: none. (Open to both BBA and non- BBA students, but will not substitute for ACC 552 or 553.)

ACC 451—Advanced Accounting

Accounting practice relating to partnerships, home office and branch operations, consolidated financial statements, foreign exchange, and fund accounting. Prerequisite: A “C” or better in ACC 354 or consent of instructor.

ACC 453—Accounting Information Systems

Accounting information system concepts, applications and the processes by which they are analyzed and designed. Prerequisite: A “C” or better in ACC 354 or consent of instructor.

ACC 454—Managerial Accounting II

Concepts and tools used in the preparation and reporting of financial information for managers, and for subsequent use of that information in the making of both routine and unique managerial decisions. Prerequisite: ACC 355 or consent of instructor.

ACC 455—Auditing

Generally accepted auditing standards and professional ethics of Certified Public Accountants. Prerequisite: ACC 453 or consent of instructor.

ACC 457—Governmental and Institutional Accounting

Accounting theory and practice relating to governmental units and nonprofit institutions. Prerequisite: A “C” or better in ACC 354 or consent of instructor.

ACC 552—Income Taxation I

An introduction to federal income taxation. Prerequisite: A “C” or better in ACC 354 or consent of instructor.

ACC 553—Income Taxation II

Taxation of partnerships and corporations. Prerequisite: ACC 552.

ACC 555—Estate and Gift Taxation

A survey of federal estate and gift taxation and tax planning for individuals. Prerequisite: ACC 552 or consent of instructor.

ACC 558—Accounting Theory

A critical review and evaluation of current issues relating to corporate financial reporting. Prerequisite: A “C” or better in ACC 354 or consent of instructor.

ACC 586—Special Problems in Accounting

Independent study and research in selected areas of accounting under supervision of a faculty member. Prerequisite: Consent of the instructor and the department chair.

ACC 599—Accounting Internship

A supervised work/study program in an approved firm’s accounting department. Student is required to work one full quarter; periodic reports as well as a summary final report must be submitted to supervising instructor. This course may not substitute for a course in the accounting major. Prerequisite: Twenty hours of accounting; approval of the supervising instructor and department chair.

ACC 786—Special Problems in Accounting

Independent study and research in selected areas of accounting under supervision of a faculty member. Prerequisite: Consent of the instructor, chair, and advisor.

ACC 840—Seminar in Financial Accounting

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: ACC 354, or equivalent.

ACC 841—Seminar in Auditing

Advanced topics in independent, internal, and governmental auditing. Prerequisite: ACC 455, or equivalent.

ACC 842—Seminar in Accounting Information Systems

To develop 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’s cases. Prerequisite(s): ACC 453 and ACC 455 or equivalent.

ACC 843—Taxation of Corporations and Partnerships

The laws involving the formation, operation, and liquidation of corporations, S corporations, and partnerships. Prerequisite: ACC 552 or equivalent.

ACC 940—Theory of Accounting

Historical and contemporary developments of accounting theory, policy, and reporting procedures. The objectives of reporting are reviewed within the conceptual framework, and examination of the accounting standard setting process, financial accounting theory formulation, and selected contemporary issues in accounting are addressed. Prerequisites: ACC 354 and ACC 840 or equivalents.

ACC 941—Auditing Practice

Practical and theoretical components related to auditing topics including auditing in the computer environment, conducting auditing research, and report writing. Prerequisites: ACC 455 and ACC 841 or equivalents.

ACC 942—Taxation of Estates, Gifts, and Trusts

Taxation transfers pursuant to estates and gifts as well as the taxation of both simple and complex trusts and estates. Prerequisite: ACC 552 or equivalent.

ACC 943—Advanced Business Planning

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: ACC 843 or equivalent.

ACC 944—Current Topics in Financial Accounting

Current issues related to recognition, measurement, and reporting in financial accounting. Topics will reflect current projects of the various rule-making organizations and recent issues in the business, professional, and academic press. Prerequisite: ACC 840 or equivalent.

Apparel Design (CHPS)**AD 168—Introductory Clothing**

Selection, buying problems, construction and care of clothing. Experiences in the newer methods of construction and fitting. Two lectures, six laboratory hours weekly.

AD 250—Social and Psychological Aspects of Clothing

The cultural, social, psychological, and economic aspects of clothing which affect the selection and usage of clothing by the consumer. Prerequisite: PSY 150 or SOC 150 or ANT 150 or ECO 250 or ECO 260.

AD 350—Principles of Textile/Apparel Design

Development of basic drawing skills as related to functional, structural and decorative textile/apparel design. Prerequisites: ART 150, AD 168, FM 360.

AD 362—Advanced Clothing Construction

A study of social, psychological, and economics aspects of clothing. Provides an opportunity to gain experience in advanced construction skills. Prerequisite: AD 168.

AD 365—History of Costume

Chronological survey of the development and characteristics of historic costume from the ancient Egyptian culture to the present. Prerequisites: HIS 152/153 and 252/253.

AD 399—Selected Topics in Apparel Design

Scheduled infrequently to explore special areas in Apparel Design. Carries a subtitle.

AD 420—Pattern Grading

Sizing in ready to wear with emphasis on grading techniques necessary for developing production patterns. Prerequisite: AD 460 or consent of the instructor.

AD 450—Advanced Textiles/Design

Traditional and new developments in yarns, fabrics and fabric finishes. Activities will include lecture and demonstration techniques supplemented by field trips to local plants. Prerequisite: FM 364.

AD 460—Apparel Design Analysis I

Application of principles involved in designing apparel using flat pattern techniques. Prerequisite: AD 168.

AD 462—Computer Aided Apparel Design I

The diverse applications of computer technology in apparel design and production. Field trips and computer laboratory experience. Prerequisites: AD 350, AD 420 and AD 460.

AD 470—Apparel Design Analysis II

Application of principles involved in designing apparel using draping techniques. Prerequisite: AD 460 or consent of instructor.

AD 472—Functional Apparel

Application of design strategies used in developing or acquiring garments suitable for functional limitations. Prerequisite: AD 460 or consent of instructor.

AD 491—Internship in Apparel Design

Supervised work-study program in an apparel design business selected by the student and pre-approved by the student's advisor. Students enrolled in the program must agree to abide by regulations governing all employees of the sponsor. 10-15 hours credit. S/U Grading. Prerequisites: 2.0 GPA; 60 hours in major course work with "C" or better grade; approval of advisor.

AD 562—Computer Aided Apparel Design II

Advanced work in computer aided design including pattern development and sketching. Prerequisite: AD 462.

Apparel Design and Manufacturing (COST)**ADM 257—Basic Stitchology**

Seam types, stitch formations and their application to various garment construction features. Five single periods. Prerequisite: MFG 150.

ADM 430—Apparel Trade and Regulations

Internal and external controls and limitations of the apparel industry. Field trips, lectures, discussion techniques and presentations by appropriate industry management. Prerequisite: FM 364.

ADM 452—Advanced Apparel Production

Garment development and manufacturing including costing, cutting room processes and trim selection. Prerequisites: ADM 350 and ADM 351.

ADM 454—Quality Control/Testing

Performance and quality control standards of textile fibers, yarns, fabrications, finishes and the resulting apparel. Actual fabric performance tests will be conducted. Prerequisites: AD 168, AD 364, ADM 430, ADM 450, ADM 451.

ADM 495—Special Problems in Apparel Manufacturing

Individual research in the technology associated with apparel manufacturing. Variable credit. Prerequisites: Definition of the problem and permission of the instructor prior to the beginning of the quarter.

ADM 499—Internship

Students receive practical work experience with an approved manufacturing firm. Prerequisite: MFG 150 and consent/approval of program coordinator.

ADM 652—Advanced Apparel Production

Garment development and manufacturing including costing, cutting room processes, and trim selection. Four single periods and one double period. Prerequisite: MFG 150.

ADM 654—Quality Control and Testing

Performance and quality control standards of textile fibers, yarns, fabrication finishes and the resulting apparel. Actual fabric performance tests will be conducted. Four single and one double period. Prerequisites: MFG 150 and a statistics course.

Adult Education (COE)**AED 551—Adult Education**

Persons interested in the field of adult education can grasp the scope and magnitude of the movement.

AED 552—Teaching the Disadvantaged Adult

A specific sub-area within the field of Adult Education with background information about the disadvantaged adult, environment and culture of the disadvantaged adult, and special instructional methods.

AED 557—Foundations of Adult and Higher Education

The research and literature that have contributed to the development of adult and higher education. Prerequisite: study in adult education.

AED 591—Special Problems in Adult Education

Promotes specialized training appropriate to the needs of in-service school personnel. Attention will be given to a range of special problems as they reach significance in local school systems.

AED 751—Adult Education

The learning models and theories, participation patterns and developmental principles which influence how adults respond to and participate in learning activities. Skills necessary for using and applying theories to planning and designing educational experiences for adults are emphasized.

AED 752—Strategies for Teaching the Adult

Analysis and development of adult education responses to the needs and characteristics of adult learners in formal and non-formal settings. Teaching strategies, techniques and methods appropriate for adult learners, and skills necessary for using these strategies.

AED 757—Foundations of Adult Education

The historical and sociological development of adult education, the history, key concepts, philosophies, trends, values, and social purposes underlying adult education practice in public and private programs.

AED 791—Directed Individual Study Adult Education

Extension of the research consumer skills of Educational Research 751. Candidates may choose to study a topic of interest and importance in adult and/or postsecondary education. The study will be directed by the instructor, and the results will be presented in a written scholarly paper reflecting the content of library research and applied research methodology. Prerequisites: Permission of the instructor.

AED 850—Program Planning in Postsecondary Education

Designing, developing and evaluating programs and curriculum in postsecondary education. Theories and principles of program planning, assessing needs, establishing program objectives and critically designing and evaluating programs in postsecondary education.

AED 851—Practicum in Adult and Postsecondary Education

Field and practice experience designed by the candidate with the advisor to develop the teaching, administration, and/or program planning competencies of the M.Ed. Candidate. Prerequisites: Admission to the M.Ed. In Adult Education program or permission of the instructor.

AED 852—Administration of Adult and Postsecondary Programs

The general principles of administration including organization, coordination, and human relations as they relate to adult and postsecondary education. The basic features of adult education

organizations and the role expectations of administrators while examining adult education administrative practice. Major challenges faced by adult and postsecondary program administrators.

AED 891—Advanced Practicum in Adult and Postsecondary Education

Field and practical experiences designed to further develop the teaching, administration, staff development, and/or program planning competencies of the candidate. A student may choose to continue a project first planned and implemented in AED 851. Prerequisites: AED 851

AED 899—Thesis in Adult Education

Quantitative or qualitative research conducted on a topic related to adult education directed by the candidate's thesis advisor. Normally two quarters are required for completion of a thesis in adult education, and students earn five hours credit per quarter. Prerequisites: A minimum of 35 hours completed toward the degree, including EDR 751 and EDR 761, and the permission of the advisor.

Anthropology (CLASS)

● **ANT 150—Introduction to Anthropology**

An overview of general anthropology including its major subdisciplines: cultural anthropology, archaeology, linguistics and biological anthropology. A comparative study of humankind as a whole, drawing examples from the widest possible sample of peoples, cultures, and time periods to determine and explain the similarities and differences among peoples of the world.

ANT/FL 350—Introduction to Language

See FL 350 for course description.

ANT 351—World Archaeology

Introduction to the archaeology of selected communities of the Old and New Worlds and the beginnings of cultural development. Prerequisite: ANT 150 or permission of instructor.

ANT 352—Biological Anthropology

The interaction of biological and cultural forces in shaping human behavior and physical diversity. Key areas include biocultural evolution, primatology and racial differentiation. Prerequisite: ANT 150 or permission of instructor.

ANT 353—Cultural Anthropology

Culture as the principal adaptive mechanism of human societies: its nature, structure and dynamics. Prerequisite: ANT 150 or permission of the instructor.

ANT 399—Selected Topics in Anthropology

ANT/AS 453/653—North American Archaeology

An introduction to the archaeology of North America. Concentrates on the archaeology of native Americans, with emphasis on the southeastern United States.

ANT 454/654—Archaeology of the Southeastern United States

An overview 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. Prerequisite: ANT 150 or permission of the instructor.

ANT/AS 455/655—Historical Archaeology

Introduction to the field designed to provide a background in basic research methods in historical archaeology and ethnohistory. Regional studies of the southeastern United States. Prerequisite: ANT 150 or permission of the instructor.

ANT 456/656—Georgia Archaeology

Basic background in archaeology, specifically centered on the state of Georgia. The archaeological record from earliest times through the antebellum period in an attempt to place Georgia in the larger archaeological setting of the southeastern United States. Prerequisite: ANT 150 or permission of the instructor.

ANT/SOC/AS/AAS 457/657—The Rural South

The lifeways and social organization of rural society with emphasis on the South. Examines social institutions, community dynamics, social change and the cultural distinctions of the region. Prerequisite: ANT 150 or SOC 150 or permission of instructor.

ANT/HIS 459—American Material Culture

An introduction to the non-literary remains of our society, past and present. Vernacular and polite architecture, ceramics, mortuary art, community and settlement patterns, dress, diet, and disease will be discussed. Prerequisite: ANT 150 or permission of instructor.

ANT/AS 461/661—Indians of the Southeastern United States

The lifeways of the native peoples of the southeastern United States from the time of European contact to the present. Focus on understanding the culture system as an integrated whole. Prerequisite: ANT 150 or permission of the instructor.

ANT/AS 462/662—North American Indians

The lifeways of the Native North Americans. Focus on traditional Native American cultures from the period of White contact to the present. Emphasis on understanding the variety of Native American cultures in different parts of the continent and their changing character. Prerequisites: ANT 150 or permission of the instructor.

ANT/HIS 463/663—Folk Life

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 on understanding the multi-ethnic nature of the traditions in American life. Prerequisite: ANT 150 or permission of instructor.

ANT/AAS 465/665—Peoples and Cultures of Africa

A comparative study of the lifeways of African peoples south of the Sahara. Traditional cultures, modern development and the course of culture change in various regions. Prerequisite: ANT 150 or permission of instructor.

ANT 470/670—Applied Anthropology

A survey of the fields of applied anthropology including career options. Concepts and knowledge from all areas of anthropology are brought to bear on social and cultural issues and problems accompanying change, development and modernization. Prerequisite: ANT 150 or permission of instructor.

ANT/IS/WGS 471/671—Gender in Cross Cultural Perspective

A cross-cultural and biocultural examination of gender using concepts and knowledge from all areas of anthropology to explore the origins of gender, the cultural construction of gender, and gender stratification. Prerequisite: ANT 150.

ANT 475/675—Ethnographic Field Methods

Techniques of gathering, recording, ordering, and utilizing ethnographic data in the field. Prerequisite: ANT 150.

ANT 476/676—Peoples and Cultures of Modern Europe

Differences and similarities among European peoples and the effects of social, political, and economic changes from an anthropological perspective. The principal anthropological methods and theories used in the study of European culture systems.

ANT 477/677—Peoples and Cultures of the Middle East

An ethnological examination of the lifeways of diverse peoples of the Middle East. Topics include the family, economy, politics, and religion of Middle Easterners as parts of their culture system.

ANT 481—Methods and Theory in Archaeology

Augments Anthropology 491 but may be taken singly. Examination and application of current topics in archaeology relating to excavation strategy and interpretation. Prerequisite: Permission of the instructor and ANT 150, 351 or 352.

ANT 491—Field Session in Archaeology

On-site participation in the excavation of an archaeological site including training in the physical and observational techniques of the extractive processes of archaeological excavation. Responsibility for excavation, analysis recording, and interpretation of archaeological materials is provided. Prerequisite: ANT 150, 351 or 352. Permission of instructor. Group limited. Credit 10 hours.

ANT 499—Directed Study

Independent study under faculty supervision. Prerequisite: Consent of supervising faculty.

ANT 552/752—Practicum in Archaeological Analysis

Offered on demand. The application of archaeological interpretative techniques to a specific site or analytical problem. Individual research projects in the interpretation of archaeological data and the conservation of artifactual finds with special attention to the care and storage of collections, display in the museum setting, and the presentation of archaeologically derived information. Prerequisite: ANT 150 or permission of instructor.

ANT 582/782—Comparative Social Structures

A cross-cultural examination of design in the social structure of societies; problems of comparative ethnography and the minimal structures for societal maintenance and survival. Prerequisite: ANT 150.

ANT 583—Anthropological Theory

Major theories of culture: evolutionary approach, culture area, historical analysis, functionalism, role structures and comparative methods. Prerequisite: ANT 150.

ANT/AS 599—Selected Topics in Anthropology**ANT 681—Method and Theory in Archaeology**

Meets twice weekly at night and is designed to augment Anthropology 691 but may be taken singly. Examination and application of current topics in archaeology relating to excavation strategy and interpretation. Prerequisites: Permission of instructor and ANT 150, 351, or 352.

ANT 691—Field Session in Archaeology

Meets daily six to eight hours with ten quarter hours credit given. On-site participation in the excavation of an archaeological site including training in the physical and observational techniques of the extractive process of archaeological excavation. Responsibility for excavation, analysis, recording, and interpretation of archaeological materials is provided. Prerequisites: ANT 150, 351, or 352, and permission of instructor. Group limited.

ANT/CA/ENG 763—Sociolinguistics

The principles and methods used to study language as a sociocultural phenomenon. Examined both from the linguistic viewpoint—the search for possible social explanations for language structure and use, and the social scientific viewpoint—analyzing facts about language which may illuminate our understanding of social structures.

ANT 783—Ethnological Theory

The study of the major theories of culture; evolutionary approach, culture area, historical analysis, functionalism, role structures and comparative methods.

ANT 799—Selected Topics in Anthropology**ANT 850—Seminar in Contemporary Anthropology I**

Selected topics of contemporary relevance in anthropology. Topics will vary with professional interests of students as to their course of specialization in the graduate curricula of the university.

ANT 851—Seminar in Contemporary Anthropology II

Selected topics of contemporary relevance in anthropology. Topics will vary with professional interest of students as to their course of specialization in the graduate curricula of the university.

ANT 853—Cultural Anthropology

The nature of human culture and its role in shaping human behavior through the examination of particular culture systems selected from around the world. The components of culture systems and how they develop, function and change. Specific topics include the cultural dimensions of development, health care and education.

ANT/CA/ENG 5472—Sociolinguistics

See ENG 5472 for course description.

Arabic (CLASS)**ARA 151—Elementary Arabic I**

Introduction to the essentials of Arabic. Primary emphasis on the writing system and on pronunciation.

ARA 152—Elementary Arabic II

Continuation of Arabic 151 with increased emphasis on grammar and syntax. Prerequisite: ARA 151 or equivalent.

ARA 153—Elementary Arabic III

Continuation of Arabic 152. Prerequisite: ARA 152 or equivalent.

ARA 252—Intermediate Arabic

Continuation of Arabic 153; grammar review and increased emphasis on reading authentic texts. Prerequisite: ARA 153 or equivalent.

Art (CLASS)**ART 151—Drawing I**

An introduction to the basic materials and methods of drawing. Students will develop skills in direct observation, composition, and techniques using still-life and natural forms.

ART 152—Two-Dimensional Design

Two-dimensional design through analysis of line, texture, color, size, shape and mass. Individual experiences with a variety of media.

ART 160—Art in Life

- A general introduction to art and aesthetics and their role in human life and culture. Includes discussion and analysis of architecture, sculpture, painting, ceramics, drawing, printmaking, photography, design and other art forms from various historical periods and world cultures.

ART 250—Painting I

An introduction to oil and/or acrylic painting through a variety of studio experiences with emphasis on direct observations. Prerequisites: ART 151 and ART 257 or consent of instructor.

ART 251—Drawing II

Through direct observation and experimentation the student is led to develop a personal approach to expression. The figure, landscape and still-life are examined in a variety of materials. Prerequisite: ART 152 and 250.

ART 252—Three-Dimensional Design

Design as related to aspects of three dimensional space and form, involving a study of concepts, materials and processes.

ART 254—Printmaking I

Introductory study of printmaking in the processes of serigraphy, relief, intaglio and planography. Prerequisites: ART 151 and ART 152, or consent of instructor.

ART 255—Ceramics I

An introduction to clay and the various techniques of working with it, including pinching, coil construction, slab building, architectural relief, wheel throwing, glazing and firing. Prerequisite: ART 252 or consent of instructor.

ART 256—Sculpture I

The processes and concepts of sculpture. Experience with a variety of media and materials. Prerequisite: ART 252.

ART 257—Color Theory

A systematic exploration of the properties of color through the study of fundamental color theories and studio practices with various media.

ART 258—Photography I

An introduction to personal expression through various photographic media.

ART 280—History of Art I

A chronological survey of the visual arts from prehistoric times through the Middle Ages. Architecture, sculpture, painting, and applied arts, questions of style, meaning and cultural context for works of art.

ART 281—History of Art II

A chronological survey of the visual arts from the Renaissance to modern times. Architecture, sculpture, painting, and applied arts, questions of style, meaning and cultural context for works of art. Prerequisite: ART 280.

ART 350—Painting II

An advanced exploration of paint as an expressive medium. The cultivation of personal imagery and creative exploration as informed by a knowledge of traditional and contemporary art. Prerequisite: ART 250.

ART 351—Life Drawing

The human figure is used as a source for composition. A variety of drawing media are employed. Prerequisites: ART 151, ART 152 or consent of instructor.

ART 352—Lettering and Layout

Study and application of layout, lettering, display and illustration, as used in advertising, fashion design and interior design. Experimentation in various media. Prerequisites: ART 151, ART 152, or consent of instructor.

ART 354—Printmaking II

Study of various printmaking processes with emphasis on one process. Exact content will be determined individually between the instructor and the student. Prerequisite: ART 254.

ART 355—Ceramics II

Intermediate instruction in selected areas of construction techniques, glazing and firing. Emphasis on historical and aesthetic concerns. Prerequisites: ART 255, ART 356.

ART 356—Sculpture II

Advanced work in the concepts and processes of sculpture. Prerequisite: ART 256 or consent of instructor.

ART 358—Photography II

Creative self expression through black and white and/or other photographic media. Prerequisite: ART 258 or consent of instructor.

ART 359—Design of Environments

Provides the student with the tools for solving problems inherent in environmental design. Prerequisites: ART 151, ART 152 and ART 252 or consent of instructor.

ART 370—Art for Children and Youth

The artistic development of the child and the preadolescent. Class experiences prepare the student to teach in the areas of art history, art criticism, aesthetics and studio production.

ART 371—Art for Adolescents

Theory and methods of teaching visual art in secondary schools. Focuses on the teaching of art production, art history, art criticism and aesthetics.

ART 380—Ancient Art

The architecture, sculpture, painting and applied arts of major civilizations in the Middle East and the Mediterranean world from prehistory to the fall of Rome. Prerequisite: ART 280 or consent of instructor.

ART 381—Medieval Art

The architecture, sculpture, and painting in Europe and the Mediterranean world from the fall of Rome to the thirteenth century. Prerequisite: ART 280 or consent of instructor.

ART 382—Renaissance Art

The architecture, sculpture, and painting from the fourteenth through the sixteenth centuries with emphasis on developments in Italy and Northern Europe. Prerequisites: ART 280 and ART 281 or consent of instructor.

ART 383—Baroque and Rococo Art

The architecture, sculpture, painting and graphic arts in Europe during the seventeenth and eighteenth centuries. Prerequisites: ART 280 and ART 281 or consent of instructor.

ART 384—Nineteenth-Century Art

The visual arts in Europe and America from the late eighteenth through the late nineteenth centuries with an emphasis on developments in France. Prerequisites: ART 280 and ART 281 or consent of instructor.

ART 385—Twentieth-Century Art

The major artists and art movements from the late nineteenth century to the present. Prerequisites: ART 280 and ART 281 or consent of instructor.

ART 386—Art of Asia and the Far East

Art and architecture from the major cultures in Asia and the Far East, including India, Indonesia, China, Korea and Japan. Prerequisites: ART 280 and ART 281 or consent of instructor.

ART/AS 387—American Art

The development of the Fine Arts in the United States from the seventeenth century to the present. Prerequisites: ART 280 and ART 281 or consent of instructor.

ART 399—Selected Topics in Art**ART 450/650—Advanced Painting**

Advanced problems in painting. Prerequisite: ART 350 or permission of instructor.

ART 451—Advanced Drawing

Advanced drawing problems which lead to an understanding of the impact that drawing materials and processes have on a work's final expressive qualities. Prerequisite: ART 251.

ART 452—Commercial Design

Advanced problems in commercial design. Prerequisite: ART 352 or consent of instructor.

ART 455/655—Advanced Ceramics

Advanced instruction in clay manipulation and techniques. Students are encouraged to develop historical awareness, aesthetic sensitivity and technical ability. Prerequisite: ART 355 or consent of instructor.

ART 456—Advanced Sculpture

Advanced work in the concepts and processes of sculpture. Prerequisite: ART 356 or consent of instructor.

ART 458/658—Advanced Photography

Intensive exploration of a variety of photographic methods to achieve an advanced level of personal expression and an understanding of aesthetics. Prerequisite: ART 358 or consent of instructor.

ART 480/680—Seminar in Fine Arts

Directed readings and discussions on selected topics in the fine arts. Prerequisites: ART 280 and ART 281 or consent of instructor.

ART 481/681—Contemporary Art

The major issues, trends and personalities in the visual arts within the last decade. Prerequisites: ART 280 and ART 281 or consent of instructor.

ART 482—Art History Studies in Europe

Important works of art in museums, galleries, and churches on location in Europe. Prerequisites: ART 280 and ART 281 or consent of instructor.

ART/AAS 483—African Art and Culture

The major art forms and cultural groups of the African continent with special emphasis on the link between art and ritual. Students will examine issues raised by traditional versus modern styles of African art and culture.

ART/AS/AAS 484/684—African American Art

African American art and design from the period of pre-colonial Africa to the contemporary United States; creativity and cultural identity of African Americans and their contribution to the visual culture in America. Prerequisites: ART 280 and ART 281 or consent of instructor.

Problems Courses in Art

Individual research beyond completion of a full sequence in a particular subject through the highest numbered courses. Prerequisite: approval of faculty member.

ART 490—Problems in Drawing**ART 491/691—Problems in Painting**

Individual research and experimentation in painting. Prerequisite: Approval of department chair.

ART 492—Problems in Watercolor**ART 493—Problems in Design****ART 495—Advanced Printmaking****ART 496/696—Problems in Ceramics**

Individual research and experimentation in ceramics. Prerequisite: Approval of department chair.

ART 497—Design Practicum

Five to fifteen credit hours student participation in directed experiences and problems in design on or off campus. Prerequisite: Art 357 or consent of instructor.

ART 498—Problems in Photography**ART 590/790—Problems in Sculpture**

Individual research and experimentation in sculpture. Prerequisite: Approval of department chair.

ART 593/793—Problems in Commercial Design

Individual research and experimentation in commercial design. Prerequisite: Approval of department chair.

ART 595—Art History Research

Independent research and study on selected topics in art history. Prerequisite: consent of instructor.

ART 599—Selected Topics in Art**ART 750—Painting**

A studio classroom environment that emphasizes the development of an individual expressive vocabulary. Growth in personal imagery, content and techniques will be evaluated and encouraged through critiques. Various painting media may be used.

ART 794—Problems in Art Education

An opportunity for the experienced art teacher to pursue an art-oriented problem. Prerequisite: Approval of department chair.

ART 870—Art in Childhood Education

An extension of Art 370 with emphasis on self-improvement and process of children's art. Analysis of techniques and materials for teaching art. Prerequisite: ART 370.

ART 875—Foundations of Art Education

A survey of the history and philosophy of art education in American schools.

ART 876—Art in Education

Art instruction in contemporary life and education. Problems, issues, and procedures of art teaching and supervision.

ART 877—Seminar in Art Education

Investigation of research in art education and related fields. Survey of literature in art education.

ART 878—Seminar in Aesthetic Education

Consideration of communication to improve aesthetic judgment through the use of mass media, educational displays, and field trips. Survey of slides, two and three dimensional reproductions, and original art objects appropriate for use at the various levels of the educational system.

ART 880—Methods of Art History

Directed readings, demonstration, and discussion of the various philosophical approaches to art history and art criticism. Prerequisite: Consent of instructor.

ART 890—Problems in Painting

The graduate student will work on independent projects in consultation with a selected faculty member. Prerequisite: Consent of instructor.

ART 891, 892, 893—Problems in Art

Designed to fit particular needs of graduate students. Directed individual study of problems closely related to courses in art or to advanced courses in art. Prerequisite: Approval of department chair.

ART 894—Seminar in Art History and Criticism

A directed seminar on selected topics in art history and criticism.

ART 895—Art History Research

Independent research and study on selected topics in art history. Prerequisite: Consent of instructor.

ART 896—Master of Fine Arts Seminar

A seminar covering topics of interest to the Master of Fine Arts graduate student.

American Studies (Interdisciplinary)**AS/SOC 350S—Social Problems**

See SOC 350 for course description.

AS/HIS 351—Women in American History

See HIS 351 for course description.

AS/AAS/HIS 352H—African American History to 1877

See HIS 352 for course description.

AS/SOC 352S—Urban Sociology

See SOC 352 for course description.

AS/HIS 353—African American History since 1877

See HIS 353 for description.

AS 355—Introduction to American Studies

The first course in the minor program and as such will introduce the students to the interdisciplinary nature of American Studies. Prerequisite: ENG 151.

AS/AAS/PSC 356—African American Politics

See PSC 356 for course description.

AS/AAS/SOC 359—Race and Ethnic Relations

See SOC 359 for course description.

AS/AAS/MUS 360—History of Jazz

See MUS 360 for course description.

AS/PSC 368—American Political Thought

See PSC 368 for course description.

AS/PSY 371—Native American Law and Public Policy

See PSY 371 for course description.

AS/PHI 375—American Philosophy

See PHI 375 for course description.

AS/HIS 380—American Society and Thought

See HIS 380 for course description.

AS/PSC 381—The United States and Major Problem Areas: Geographical and Functional

See PSC 381 for course description.

AS/ART 387—American Art History

See ART 387 for course description.

AS 399—Selected Topics in American Studies**AS 450—Seminar in American Studies**

An interdisciplinary exploration of topics in American Studies. The seminar will encourage students to pursue specific problems encountered in their minor curriculum and to relate their major and minor disciplines. Students must complete 15 hours of electives in American Studies before enrolling in this course.

AS/GGY 451—Geography of North America

See GGY 451 for course description.

AS/ANT 453A—North American Archaeology

See ANT 453 for course description.

AS/GGY 453G—Geography of the South

See GGY 453 for course description.

AS/ANT 455—Historical Archaeology

See ANT 455 for course description.

AS/SOC 457—The Rural South

See SOC 457 for course description.

AS/ANT 461—Indians of the Southeastern United States

See ANT 461 for course description.

AS/ANT 462—North American Indians

See ANT 462 for course description.

AS/HIS 481—Constitutional History of the United States

See HIS 481 for course description.

AS/GGY 487—Historical Geography of North America

See GGY 487 for course description.

AS/MUS 554—Music of the United States

See MUS 554 for course description.

AS/ANT 599—Selected Topics in Anthropology**AS/ENG 3450—The American Dream**

See ENG 3450 for course description.

AS/ENG 3461—American Literature

See ENG 3461 for course description.

AS/ENG 3462—American Literature

See ENG 3462 for course description.

AS/ENG 5461—The American Novel

See ENG 5461 for course description.

AS/ENG 5462—Southern Literature

See ENG 5462 for course description.

AS/ENG 5463—Colonial American Literature

See ENG 5463 for course description.

Astronomy (COST)**PHS 152—General Astronomy**

See PHS 152 for description.

PHS 161—Planetary Astronomy

See PHS 161 for description.

PHS 162—Stellar & Galactic Astronomy

See PHS 162 for description.

PHY 458/658—Physical Astronomy

See PHY 458/658 for description.

Business Administration (COBA)**BA 130—Introduction to Business**

A survey to acquaint the beginning college student with the major institutions and practices in the business world, provide an understanding of basic business concepts and present a view of the career opportunities which exist in business.

BA 351—Business Ethics

An issue oriented inquiry into normative ethical conduct for businessmen and women.

BA 399—Selected Topics in Business

A vehicle for departmental offerings of elective courses on a trial basis, with the expectation that the offerings may be proposed as permanent additions to the curriculum.

BA 450—Business Policy

A capstone course to integrate all the respective areas of business. Special emphasis on determining business objectives as well as the application and use of business tools to achieve these objectives. Prerequisite: Senior standing, completion of the upper division business core, and last two quarters prior to graduation.

BA 499—Cooperative Education

This non-credit course can only be used by students enrolled in Georgia Southern's Cooperative Education Program.

BA 740—Fundamentals of Accounting

A survey of the use of accounting information for economic decisions. (ACC 251 & ACC 252, or equivalents, may be substituted in lieu of this course)

BA 741—Fundamentals of Corporation Finance

The fundamental concepts, theories, tools of analysis and current problems of managerial finance in the business enterprise. Prerequisite: BA 740 or equivalent. FIN 351 or equivalent may be substituted in lieu of this course.

BA 742—Fundamentals of Computer Information Systems

A survey of computer information systems and equipment. Introduces students to hardware, software, data, procedures, and human resources and examines their integration and application in the business setting. Students will experience the use of word processing, spreadsheet, and database management programs. CIS 251, or equivalent, may be substituted in lieu of this course.

BA 743—Fundamentals of Economics

A survey course for MBA students to develop an understanding of economic concepts and policies to aid in the analysis of economic problems. Covers both the areas of macroeconomics and

microeconomics. ECO 250 & ECO 251, or equivalents, may be substituted in lieu of this course

BA 744—Fundamentals of Legal Environment of Business

Primary factors influencing American business transactions in the international environment, including a review of legal thought and ethical practices, the U.S. Constitutional and regulatory framework, common law governing the contracting process, and the Uniform Commercial Code on Sales. LST 252, or equivalent, may be substituted in lieu of this course.

BA 745—Fundamentals of Management & Organizational Behavior

An integrated course encompassing the principles of management and organizational behavior. MGT 351 & MGT 370, or equivalent, may be substituted in lieu of this course.

BA 746—Fundamentals of Marketing

A basic survey of the field of marketing with emphasis on the problems of policy determination and marketing management, with consideration of the nature of marketing institutions. MKT 350, or equivalent, may be substituted in lieu of this course.

BA 747—Fundamentals of Quantitative Methods

An integrated course in quantitative methods focuses on the integration of both statistical techniques and deterministic optimization techniques in the decision-making process. MGT 354 & MGT 355, or equivalents, may be substituted in lieu of this course.

BA 840—Legal Environment of Business

Survey of the legal and ethical rules which govern the managerial decision making process, particularly Constitutional "Commerce Clause" interpretation, contract and agency principles, administrative agency regulations, and evolving ethical issues which influence the application of the law. Set in domestic law, but includes operational legal aspects of the international market place.

BA 841—Computer Applications for Professionals

Computer fundamentals and applications in various professions. Emphasis on selection of computer hardware and software as well as practical experience with common tools such as spreadsheets, word processors, etc. Prerequisite: BA 742 or equivalent.

BA 842—Taxation & Business Decisions

The tax implications of management business decisions such as selection of entities, nontaxable exchanges, tax planning for real estate decisions, depreciation policy, and reorganization.

BA 844—Contemporary Problems in Marketing

Topical problems facing the marketing organization. Emphasis on problem analysis, information collection and evaluation, and decision making within the framework of current market conditions. Prerequisite: BA 746 or equivalent.

BA 849—Individual Research

A guided individual research project which provides the student with an opportunity to explore a particular topic in depth. Normally, the course would culminate in a research report or case. (Prerequisite: Consent of Director of Graduate Studies) (See "READING AND CONFERENCE").

BA 893—Research Methods in Business

Various research methodologies useful to business managers and in business research efforts. Methodologies useful to problem solving and decision making. A major statistical software package is introduced and a complete research proposal must be prepared and successfully defended. Prerequisite: BA 940 or consent of instructor.

BA 894—Investment Management

The theory and tools of analysis required in the management of financial assets from the viewpoint of the investor and the investment advisor. Investment media, markets, problems, practices, and philosophies. Prerequisites: BA 740 and BA 741 or equivalent courses.

BA 895—Social Issues in Business

The role of the business firm and the business person in modern society. Business and society interactions related to such issues as corporate social responsibility, pollution, employment discrimination, affirmative action, consumerism, business and professional ethics, and the role and responsibilities of multinational corporations. Both descriptive and normative responses will be discussed and the student will be encouraged to formulate his or her own personal frame of reference for analyzing such issues in the future through the use of readings, cases, and in class discussion. Prerequisites: BA 943, BA 944, and BA 945 are strongly recommended.

BA 896—Management Information Systems

A survey of information systems and computer technology. The role of management information systems in supporting the organization and managerial decision making. Topics include computer hardware, applications software, database and data communications technologies, and the integration of information systems into the organizational decision making process. Theoretical frameworks are explored and applied to the contemporary business environment. Prerequisite: BA 742 or equivalent.

BA 897—Total Quality Management

The managerial issues that are important in understanding and implementing a corporate-wide "Total Quality Management" process, to include: tactical-type decisions, related to quality, across all functional areas of an organization.

BA 940—Managerial Quantitative Analysis

Management science techniques for managerial decision-making and the application of these techniques. Additionally, the informational requirements for such models will be considered. The concepts of management information systems and computer-based information systems will be examined. Prerequisite: BA 747 or equivalent.

BA 941—Accounting for Management

To acquaint students with some basic managerial decision-making tools, and to teach the use of those tools in conjunction with basic accounting information in reaching appropriate decisions. Prerequisite: BA 740 or equivalent.

BA 942—Managerial Economics

Concepts, tools and methods of economic analysis relevant to a broad cross section of decisions within the business firm. Topics emphasized will be market demand and supply, optimizing output or input combinations, cost analysis and minimization, break-even analysis, capital budgeting, and forecasting. Prerequisites: BA 743 or equivalent; and BA 940 or consent of the instructor.

BA 943—Marketing Seminar

The significance of marketing in an industrialized economy; marketing strategy and its relationship to profits and competition; consumer demand and motivation; promotion and price analysis in marketing; promotion programs and the sales function; location decisions and demographic influences. Prerequisite: BA 746 or equivalent.

BA 944—Financial Problems

Financial problems faced by business managers. Material is drawn from the fields of money and banking, corporate finance, and investments. Prerequisite: BA 741 or equivalent.

BA 945—Organizational Behavior

The territory of organizations-individual behavior, interpersonal behavior, group behavior, and the interplay of human/ nonhuman factors. The application of these concepts to the practice of management is emphasized. Prerequisite: BA 745 or equivalent.

BA 946—Production/Operations Management

Management of the resources required to produce the products and/or services provided by an organization. Students will learn how to manage the production/ operation functional area of an entity, learn some of the standard tools and techniques used by production/operations managers, learn how the production/operations functional area interacts with the other functional areas within the organization such as marketing and finance, and finally gain an appreciation of the total scope of this field as it has emerged in the past few years. Prerequisite: BA 940 or consent of instructor.

BA 947—Selected Topics in Business Administration

Provides the students with the opportunity to study contemporary issues and programs in the business environment. Prerequisite: Consent of the instructor.

BA 948—International Business

The formulation and implementation of integrated corporate strategy by firms engaged in international business. Diverse aspects of planning, direction and control of the flow of products, technology, capital, personnel, and funds linking the multi-national company to its affiliates in a pluralistic political, economic, and socio-cultural environment. Prerequisites: BA 741 and BA 743, or equivalents; BA 942 and BA 943 are strongly recommended.

BA 949—Business Policy

The formulation and implementation of strategy and policy in organizations. Includes a focus on top management and the total organization, thereby integrating the functional areas of administration. Analysis in non-profit organizations, business ethics, morality, and social responsibility is included. Prerequisites: All MBA core.

Building Construction & Contracting (COST)**BCC 110—Introduction to Building Construction and Contracting**

An introduction to building construction education and to the building construction industry for new or potential BCC students. Faculty and construction related professionals present scheduled sessions intended to stimulate interest in construction, encourage academic excellence, and correlate BCC program requirements with the demands and expectations inherent to the building construction industry. Five biweekly double period lectures.

BCC 230—Construction Statics

The theory of static forces on non-deformable bodies as focused on the needs of the builder. Topics include the examination of coplaner determinant forces and the analysis of trusses and frames, friction, and centroids and moment of inertia. Prerequisite: PHY 251. Two single period lectures and one double period lab.

BCC 240—Construction Strength of Materials

The theory and application of strength of materials. Topics include stresses and strains; property of materials; bending, shear, and deflections in beams; and column analysis. Prerequisite: BCC 230. Three single period lectures and one double period lab.

BCC 251—Construction Surveying

An introduction to the equipment and techniques used for property, topographic, and construction surveying. Topics include taping; leveling; angle, azimuth and bearing determinations; traverse

computations; topographic analysis; and area and volume calculations. Prerequisites: MAT 152 and BCC 252. Three single period lectures and two double period labs.

BCC 252—Architectural Graphics and Print Reading

Construction working drawings. Topics include sketching and drafting techniques for the development of floor plans, elevations, sections, and building components. Three single period lectures and two double period labs.

BCC 332—History of Architecture and Construction

Topics include architectural styles; historically significant buildings and construction methods; and notable architects and builders. Prerequisites: ENG 271 and BCC 252. Three single period lectures.

BCC 333—Construction Finance

The basic principles and applications of construction finance. Topics include the time value of money, construction cash flow analyses, financial forecasting and asset and debt management for contractors. Prerequisites: ACC 260 and ECO 260. Three single period lectures.

BCC 341—Site Construction

The fundamentals of site layout and foundations. Topics include earthwork and equipment; protection of excavations and adjacent buildings, foundation types; soil types; and horizontal construction on building sites. Prerequisites: BCC 240, BCC 251, and GLY 151. Two single period lectures and two double period labs.

BCC 342—Quantity Estimating

Construction estimating with emphasis on quantity take-off and specifications, including the techniques of interpreting and visualizing construction drawings. Prerequisite: BCC 252. Two single period lectures and two double period labs.

BCC 343—Electrical Equipment and Systems

Electrical equipment and systems as related to the building construction industry. Topics include principles of electrical power, lighting and communication systems; and the National Electrical Code. Prerequisites: PHY 253 and BCC 252. Three single period lectures and one double period lab.

BCC 350—Building Materials and Systems

Materials, systems, and methods of construction. Topics include material properties; selection and application criteria; and construction processes. Covers divisions 7-14 of the BSI Masterformat. Prerequisite: BCC 252. Five single period lectures.

BCC 351—Mechanical Equipment and Systems

The mechanical equipment, methods and systems applicable to building construction. The course is composed of two parts. Part one addresses energy availability, usage and control. Part two addresses thermal flow and domestic water and waste systems, and plumbing codes. Prerequisites: PHY 252 and BCC 252. Five single period lectures.

BCC 399—Selected Topics in Building Construction and Contracting

Offered infrequent to allow the exploration of undergraduate topics within building construction and contracting. Course offering shall carry a subtitle for topic identification. Prerequisite: Permission of instructor.

BCC 410—Senior Seminar

A seminar on subjects of special need and interest to advanced BCC students. Faculty and construction related professionals present scheduled sessions of selected topics intended to assist stu-

dents in the transition to the building construction industry. Prerequisite: 40 hours of BCC course work. Five biweekly double period lectures.

BCC 431—Building Codes

Codes used in the building construction industry with emphasis on the Standard Building Code. Prerequisites: ENG 271 and BCC 350 or consent of the instructor. Three single period lectures.

BCC 433—Construction Safety

Safe building construction management techniques. Topics include workers' compensation insurance, OSHA regulations, construction disasters, safe construction training and planning, and the hidden costs of accidents. Prerequisite: 40 hours of BCC course work. Three single period lectures.

BCC 440—Concrete and Masonry Structures

Concrete, concrete formwork and masonry materials, systems, and construction methods as they apply to concrete and masonry construction. Topics include concrete formwork design and construction; concrete reinforcing and accessories; fundamental properties of concrete; concrete handling, field testing, finishing and curing; masonry and mortar materials and accessories; and masonry construction. Prerequisite: BCC 442. Three single period lectures and one double period lab.

BCC 441—Steel Structures

Steel materials, systems, construction methods and strength analysis as applied to building construction. Topics include fundamental properties and characteristics of steel; strength of steel framed systems; and an analogy of the methods used in the design, production, and erection of structural steel. Prerequisite: BCC 240. Three single period lectures and one double period lab.

BCC 442—Wood Structures

Wood construction materials, methods and systems and the application of structural theory for analyzing framing in building construction. Topics include properties and characteristics of wood; strength analysis of wood and wood fasteners; introduction to wood framed systems; and an analysis of the methods used in the design, production, and erection of wood construction. Prerequisites: BCC 240 and BCC 252. Four single period lectures.

BCC 443—Construction Cost Estimating

Methods and procedures in estimating costs of construction projects. Topics include types and purposes of estimates, direct and indirect costs, labor and equipment cost analysis, the CSI Masterformat, approximate estimates, and computerized estimating. Prerequisites: BCC 333 and BCC 342. Four single period lectures.

BCC 444—Project Planning and Scheduling

Fundamentals and techniques of planning and scheduling for construction projects. Topics include bar charts, Critical Path Method using both arrow and node networks, precedence networks, cost-time trade-offs, PERT, resource leveling, updating schedules during construction, introduction to project control, and computerized scheduling. Prerequisite: BCC 342. Three single period lectures and one double period lab.

BCC 452—Construction Administration

The terms, documents and operations inherent in building construction management. Topics include business ownership; company organization; project bidding/negotiating methods; and construction contracts, bonds, insurance and accounting. Prerequisite: 40 hours of BCC course work. Five single period lectures.

BCC 454—Senior Project

An exercise in estimating and scheduling from construction documents of an actual building project utilizing major elements of the

BCC program. Project includes developing a fictitious construction company organization; producing a project estimate and schedule; and preparing a construction bid and construction documentation. Prerequisite: consent of instructor. One single period lecture and four double period labs.

BCC 457—Internship

Students receive practical work experience with an approved construction firm. A total of 400 contact hours with the construction firm is required. Prerequisite: Senior standing and consent of internship coordinator required.

BCC 495—Special Problems in Building Construction

Individualized study in the area of building construction and contracting not otherwise available in the student's program. Credit varies from one to five quarter hours depending on magnitude of study. Prerequisites: permission of instructor six weeks prior to beginning of quarter in which study is to take place.

BCC 643—Construction Cost Estimating

Course topics include direct and indirect costs, labor related finance topics. Students are introduced to the cost estimating manuals and software in the preparation of cost estimates. Four single lecture periods. Prerequisites: BCC 342 or consent of instructor.

BCC 644—Construction Planning and Scheduling

Fundamentals and techniques of scheduling and planning arrow and precedence networks, CPM calculations, lags and leads, cost-time trade offs, and the use of a scheduling software.

Business Education (COE)

BE 791—Special Problems in Business Education

Promotes specialized training appropriate to the needs of in-service school personnel. Emphasizes individual research in business education.

BE 850—Principles and Problems of Business Education

The devolvement of business education principles and practices, content, and curricula for business programs. Consideration is given to such problems as objectives, relationships of vocational to general education, place of business education in changing secondary school curriculum, standards of achievement, and the effect of modern trends and developments.

BE 853—Advanced Office Administration

Modern office practices with emphasis on records management, business information sources, utilization of communication and travel services, banking insurance, payroll and tax records, office equipment and supplies. Advanced problems and projects involving the use and application of various office machines.

BE 855—Modern Techniques and Current Issues in Secretarial Subjects

Emphasis on a study of current literature, research findings, and practices with special reference to current trends and issues in this area.

BE 856—Modern Techniques and Current Issues in Basic Business and Bookkeeping

Emphasis on a study of current literature, research findings, and practices with special reference to current trends and issues in this area.

BE 857—History and Philosophy of Business Education

Principles, problems, philosophy, and history of business education including analysis of professional literature and research, trends, issues, and organizations.

BE 858—Organization and Administration of Cooperative Work Experience Program in Vocational Business Education

Methods of establishing and conducting cooperative vocational education programs in pricing and output determination under various market conditions, and resource pricing and distribution.

BE 859—Business Research Writing

Effective written and oral communication in business, education, and government including business letters, proposals, abstracts, articles, and business reports. Attention is given to the creative and functional aspects in understanding problems, gathering and organizing data, analysis preparation, research methods, tools, and interpretation of research data.

Biology (COST)

● **BIO 151—Principles of Biology I**

An introductory course which includes the diversity of life, ecology, and genetics. Four lecture and two laboratory hours per week. BIO 151 will not serve as a prerequisite for biology courses numbered 200 or above. Not open to students with credit in BIO 161.

● **BIO 152—Principles of Biology II**

A second course in introductory biology which includes the evolution and organization of life from cellular through organismal levels. Four lecture and two laboratory hours per week. BIO 152 will not serve as a prerequisite for biology courses numbered 200 and above. Not open to students with credit in BIO 162. Prerequisite: BIO 151 or permission of instructor.

● **BIO 161—General Biology I**

A general biology course designed for biology majors. The scientific method, biological chemistry, cell structure and function, mitosis and meiosis, genetics, gene expression and regulation, population genetics, evolution and the origin of life. Serves as a prerequisite for other Biology-major courses.

● **BIO 162—General Biology II**

A second course in a general biology sequence for biology majors. Includes microbial diversity and physiology; plant diversity, growth, reproduction, and physiology; animal diversity, growth, reproduction, and physiology; ecology and behavior. Serves as a prerequisite for other Biology-major courses. Prerequisite: BIO 161.

BIO 165—People and the Environment

● Environmental issues including human impact on the earth, population growth, conservation, energy production, and pollution. Importance of maintaining the earth's support systems.

BIO 271—Human Anatomy & Physiology I

An introduction to the basic biological processes and the form and function of the human body, followed by an integrated study of the skeletal, muscular, nervous and endocrine systems. Four lecture and two laboratory hours per week.

BIO 272—Human Anatomy & Physiology II

A continuation of the study of the form and function of the human body, with integrated studies of the cardiovascular, respiratory, digestive and urogenital systems. Four lecture and two laboratory hours per week.

BIO 281—General Zoology

A general survey of the major phyla of the animal kingdom with emphasis on biological processes, life histories and phylogenetic relationships of animals. Three lecture and four laboratory hours per week. Prerequisites: BIO 161 and 162.

BIO 282—General Botany

A general survey of the major divisions of the plant kingdom with emphasis on biological processes, life histories, and phylogenetic relationships of plants. Three lecture and four laboratory hours per week. Prerequisites: BIO 161 and 162.

BIO 284—Microbiology

Fundamental principles of Microbiology. Topics will include structure, physiology, and economic importance of microorganisms. Four lecture and two laboratory hours per week. Prerequisite: five hours of biology and CHE 172.

BIO 350—Biology of Microorganisms

Principles and techniques of general microbiology. Topics will include ultrastructure reproduction, physiology, genetics and host-parasite interactions concerning viruses, bacteria and eukaryotic microorganisms. Four lecture and two laboratory hours per week.

BIO 353—General Ornithology

An introduction to the study of birds, emphasizing field identification, classification, and life histories of Georgia species. Structural, physiological, and behavioral adaptations are also considered. Field trips required. Three lecture and four laboratory hours per week. Prerequisites: ten hours of biology. BIO 281 recommended.

BIO 355—Field Biology

A field introduction to plants and animals of the Georgia Coastal Plain. Lecture, laboratories, field collections, identification, and natural history. Weekend field trip required. Three two-hour lecture-laboratories and one-hour lecture per week. Prerequisites: ten hours of biology.

BIO 358—Introduction to Immunology

Introduction to the biology of lymphocytes and adaptive immune responses including a study of immunoglobins and cytokines. The role of the immune system in health and disease are also examined. Prerequisites: Twenty hours of Chemistry **or** ten hours of Chemistry, BIO370, and BIO350 **or** permission of the instructor.

BIO 363—Field Botany

An introduction to plant taxonomy with primary emphasis on identification and classification of local flora. Two lecture and six laboratory hours per week. Prerequisites: BIO 281 and 282 or permission of instructor.

BIO 364—Field Entomology

A two-week, concentrated, introductory study of insects (held off campus). Collections, identification, field laboratory and lecture included. Credit toward the biology degree may be received for BIO 364 or BIO 454, but not for both. Prerequisites: ten hours of biology and permission of instructor.

BIO 370—Cell Structure and Function

Structure and physiology of cells and subcellular organelles. Topics include membrane transport, DNA, RNA and protein synthesis, cellular respiration, photosynthesis, and the secretion, synthesis, and function of macro-molecules. Four lecture and three laboratory hours per week. Prerequisites: BIO 281 and 282 and ten hours of chemistry.

BIO 381—Invertebrate Zoology

A survey of free living invertebrates including their anatomy, taxonomy and phylogeny. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and 282 or permission of instructor.

BIO 382—Vertebrate Zoology

The vertebrates with emphasis on classification, identification, evolution, distribution, and life histories of local vertebrate faunas. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and 282 or permission of instructor.

BIO 383—Non-vascular Plants

A general survey of the algae, fungi, lichens, and bryophytes stressing the identification, morphology, life cycles and economic importance of selected common forms with special emphasis on their role in the ecosystem. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and 282 or permission of instructor.

BIO 384—Vascular Plants

A general survey of the vascular plants including life histories, morphology, ecology and identification. Time will be devoted to studying the common plants on campus. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and 282 or permission of instructor.

BIO 399—Selected Topics in Biology**BIO 431—Senior Seminar**

A group study of selected biological topics held in conjunction with the normal seminar schedule of the Department of Biology. Current concepts in biology will be discussed during the quarter. The selected topic or topics, which will vary each quarter, will be led by members of the faculty and invited lecturers. Required of all biology majors. Three hours lecture per week. Prerequisites: 35 hours of Biology.

BIO 451/651—Comparative Vertebrate Embryology

Embryonic development of the chordates with emphasis on interpretation of experimental procedures. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and 282.

BIO 454/654—General Entomology

Phylogeny, morphology, physiology, and ecology of insects and their relationship to man. Collection and identification of local insects are included. Two lecture and six laboratory hours per week. Credit toward the biology degree may be received for BIO 364 or BIO 454, but not for both. Prerequisites: BIO 281 and 282.

BIO 457/657—Parasitology

General principles of parasitism and the classification, morphology and life cycles of parasites of vertebrates. Three lecture and four laboratory hours per week. Prerequisites: BIO 281, 282, plus five additional hours of biology.

BIO 460/660—Plant Physiology

The life processes of plants with emphasis on higher plants. Two lecture and six laboratory hours per week. Prerequisites: BIO 281, 282, and 370.

BIO 461/661—Plant Anatomy

The comparative anatomy of vascular plants. Consideration is given to cell types, tissues, and tissue systems. Prerequisites: BIO 281, 282, and 370.

BIO 464/664—Herpetology

Phylogeny, morphology, life history and ecology of reptiles and amphibians. Field identification of local species will be emphasized. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and 282.

BIO 465/665—Evolution

Concepts and mechanisms of evolution including origin and history of life, variation and population genetics, natural selection and speciation. Prerequisites: 15 hours of biology or consent of instructor.

BIO 466/666—Mammalogy

Classification, evolution, distribution, and life histories of mammals with emphasis on mammals of Georgia. The laboratory includes identification and preparation of specimens and the practice of field techniques. Field trips required. Four lecture and three laboratory hours per week. Prerequisites: BIO 281 and 282. BIO 382 recommended. Offered in alternate years.

BIO 468/668—Ichthyology

Lecture will emphasize the systematics, evolution, biology, ecology, and behavior of recent and extinct fishes. Laboratory work will emphasize the identification, morphology, and natural history of fishes. Prerequisite: BIO 281 or consent of instructor.

BIO 470/670—Neurobiology

Introduction to the biology of the nervous system. Topics include mechanisms of neural responses, neural integration, neural development and environmental effects on developing and mature nervous systems. Prerequisite: BIO 370 or permission of instructor. BIO 481 recommended.

BIO 472/672—Genetics

The study of inheritance at the biochemical, cytological, organismic and population levels. Five lecture hours per week. Prerequisite: BIO 370 or consent of instructor.

BIO 473/673—Principles of Ecology

The relationships of plants and animals to the environment. Laboratory work deals with methods of ecological analysis. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and 282.

BIO 474/674—Population Biology

Analysis of the dynamics of wild populations, including single-species growth models, predation, competition, and mutualism. Prerequisites: MAT 151, BIO 281 and 282 or permission of instructor.

BIO/STA 476—Statistical Methods I

See STA 476 for course description.

BIO/STA 477—Statistical Methods II

See STA 477 for course description.

BIO 480—Comparative Vertebrate Anatomy

A comparative study of the morphological structures of vertebrates. Laboratory emphasizes dissection of representative vertebrate groups. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and BIO 282. BIO 370 recommended.

BIO 481/681—Animal Physiology

A comparative study of the function and regulation of the major organ systems in animals. Emphasis on to the physiology of mammalian systems. Three lecture and four laboratory hours per week. Prerequisites: BIO 161 and 162. BIO 370 and 480 recommended.

BIO 484/684—Bacteriology

A survey of bacteriology with emphasis on fundamental techniques, microbial physiology, medical applications, and contemporary aspects of applied bacteriology. Three lectures and two-hour laboratories per week. Prerequisite: BIO 370 or organic chemistry.

BIO 490—Special Problems in Biology

Well prepared biology majors may be permitted to carry on independent study upon the recommendation of the instructor with whom the student wishes to work. The recommendation must have the approval of the chair of the biology department. Limited to five hours credit.

BIO 491 - Field Internship in Biology

Qualified biology majors may acquire practical experience by working with a government agency that specializes in the proposed area of study. Faculty members of the biology department must act as consultants. Internships must be approved by the chair of the biology department. Limited to 5 hours credit.

BIO 532—Cytogenetics

Chromosomes, chromosomal aberrations, and cytological maps. Consideration is given to mitosis and meiosis as bases of genetic stability and recombination and genetics of species formation. Three one-hour lectures per week. Prerequisites: BIO 472 and 20 additional hours of biology.

BIO 534/734—Endocrinology

Endocrine mechanisms, their evolution, and their importance to various levels of biological organization. Primary emphasis is on the vertebrates. Three one-hour lectures per week. Prerequisites: CHE 378, BIO 481, and 20 additional hours in biology.

BIO 535—Biological Systematics

The needs, aims, and methods of biological taxonomy. The botanical and zoological rules and methods of nomenclature. Three one-hour lectures per week. Prerequisites: 25 hours of biology

BIO 550/750—Medical-Veterinary Entomology

An intensive study of the role of insects and closely related arthropods in the transmission, dissemination, and causation of diseases of man and animals. Consideration will be given to the identification of vector arthropods, the diseases for which they are responsible, arthropod survival mechanisms, the ecology of vector species, and modern vector control. Three lecture and four laboratory hours per week. Prerequisites: BIO 364, 381, or 454 and 25 additional hours of biology.

BIO 552/752—General Acarology

An introduction to the morphology, systematics, physiology, behavior, and ecology of mites and ticks. Special emphasis on ticks and parasitic mites and their relationships to man, other animals, and plants. Three lecture and four laboratory hours per week. Prerequisites: 30 hours of biology and permission of instructor.

BIO 553/753—Immunology

A detailed study of the structure and biology of antigens, immunoglobulins and complement, and of methods for their detection. The cellular basis of the immune response is studied in depth. Immediate and delayed hypersensitivity and immunization and its consequences are discussed. Three lecture and four laboratory hours per week. Prerequisites: BIO 370, 472 and CHE 378 or consent of instructor.

BIO 558/758—Aquatic Ecology

The biological and physiochemical factors that affect common organisms found in local aquatic ecosystems. Prerequisites: BIO 281, 282, 473, or consent of instructor.

BIO 564/764—Mycology

The fungi, stressing classification, identification, structure, economic importance, and symbiotic relations with other organisms. Dermatophytes will also be emphasized. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and 282. Ten hours of chemistry recommended.

BIO 566/766—Plant Pathology

A detailed study of representative common plant diseases and disorders with emphasis on concepts of diagnosis, causes, epidemiology, and methods of control. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and 282.

BIO 567/767—Plant Ecology

The ecological processes that determine the structure and dynamics of plant populations and communities. Laboratory work and field trips will emphasize practical aspects of research design, data collection, and analysis. Three lecture and four laboratory hours per week. Prerequisite: BIO 473.

BIO 578/778—Histology

The origin, development, structure and function of vertebrate tissues. Lecture and laboratory. Prerequisites: Biology 281 and 282

BIO 590—Advanced Field Ecology

A field expedition involving ecological investigations of a major biome or natural area of North America. Expeditions normally require four 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. Offered during summer quarter. Prerequisites: upper-division standing and consent of instructor. Ten hours credit.

BIO 599—Selected Topics in Biology**BIO 652—Cellular Physiology**

The functional relationships between microscopic anatomy and cell chemistry, emphasizing permeability, metabolism, and growth. Offered on demand. Prerequisites: At least third quarter junior status; two courses in biology numbered 300 or above; and organic chemistry.

BIO 653—Invertebrate Zoology

The structure, body functions, interrelations, and natural history of the major invertebrate groups. Prerequisite: Introductory course in zoology.

BIO 676—Statistical Methods I (See STA 676)

The following topics are covered: descriptive statistics, normal distribution, sampling experiments, distribution of sample mean, tests of significance, parameter estimation, sampling distribution, confidence intervals, linear regression and one-way analysis of variance.

BIO 677—Statistical Methods II (See STA 677)

Topics covered: analysis of variance with multiple classification, factorial experiments, analysis of covariance, multiple regression analysis, sampling from binomial populations, transformations and distribution-free methods.

BIO 680—Animal Anatomy

The structural systems of mammals. Special emphasis is given to the primates and the interrelationships between microscopic and gross anatomy. Three lecture and four laboratory hours per week. Prerequisites: BIO 281 and 282. BIO 370 recommended.

BIO 831—Graduate Seminar

An intensive study of an advanced biological topic conducted by one or more members of the graduate faculty from the Department of Biology. The selected topic will vary from year to year. Participants will meet with guest researchers and visiting lecturers and discuss assigned readings about the topic under consideration. Required of all students preparing for the M.S. degree. Three hours lecture per week.

BIO 850—Introduction to Research

An introduction to the methodology of research and its effective presentation. Prerequisites: BIO 281 and 282.

BIO 862—Local Flora

Studies of Georgia's plants with emphasis on the ferns and seed plants. Teaching techniques and methods of plant collection, identification, and preservation will be stressed. Meets on alternate weekends (Friday evenings and Saturday mornings). Lecture and laboratory. Not for Master of Science in biology students. Prerequisites: Ten hours of biology or consent of instructor.

BIO 871—Molecular Genetics

Gene structure and action from a molecular viewpoint. Lecture only. Prerequisites: BIO 472, CHE 377, and 378.

BIO 878—Biological Problems

Biological problems in: Animal Physiology; Arthropod Reproduction; Biology and Taxonomy of Ticks; Developmental Biology; Entomology; Helminthology; Local Flora; Microbiology; Microbial Genetics; Osmoregulation and Acid-base Physiology; Plant Autecology; Plant Biosystematics; Plant Pathology; Plant Physiology; Vector Genetics; Virology. Studies in a specialized area of biology under the supervision of a member of the biology faculty. Prerequisites: Consent of the instructor and approval by the chair of the Department of Biology.

BIO 879—Research

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.

BIO 880—Microbial Genetics

An extensive study of transmission and molecular genetics of eukaryotic fungi, prokaryotic bacteria, and viruses. Included are in-depth studies of meiosis, recombination, mutation, genetic control of biochemical pathways, gene control and interaction, genetic engineering, and gene mapping. Prerequisite: BIO 472, CHE 377, and CHE 378 or consent of instructor.

BIO 898—Directed Studies

An independent or directed individual study supervised by a member of the graduate faculty of the Department of Biology.

BIO 999—Thesis**Communication Arts (CLASS)****CA 210—Communication Convocation**

An entry-level course for those pursuing the Bachelor of Science in Communication Arts, Journalism or Public Relations. Also required of those pursuing a Bachelors of Arts with a major in Communication Arts or Theatre. It is intended to acquaint the student with the variety of subject matter available in the discipline and with the faculty of the department.

CA 250—Introduction to Mass Communication

An introduction to print and electronic mass communication as well as media-related professions. Surveys the media's historical development in the United States, structure, social roles and theories. Prerequisite: ENG 151.

- **CA 252—Introduction to Human Communication**

A beginning course designed to help students understand the nature of the communication transaction in its various forms: interpersonal, public, small group, and theatrical. Prerequisite: ENG 151.

CA 254—Voice and Phonetics

Fundamentals of vocal acoustics, anatomy, and voice production as well as practice designed to aid the student in using the voice more effectively and efficiently. The course also includes study and practice in the use of the International Phonetic Alphabet.

CA 349—Media Criticism

Familiarizes students with dominant paradigms currently used in television studies. Particular emphasis will be given to theories addressing the social context of the media and criticism as a rhetorical act.

CA 399—Selected Topics in Communication Arts**CA 440—Theories of Mass Communication**

The development of mass media systems and the resulting theoretical perspectives. Encourages theory application as a means of understanding and explaining what happens to us individually and as members of a society as mass communication became possible and now as media systems are being adapted. Prerequisite: CA 250.

CA/WGS 441—Women and Media

Three essential issues in the study of women and their relationship to the mass media: 1) the representations of femininity and female characters, with emphasis on contemporary film and television; 2) the history and current status of women within media institutions; 3) the reception of media texts by female audiences and the media's role in women's daily lives. Prerequisite: CA 250 or consent of instructor.

CA 442—Advanced Law and Ethics

An evaluation of contemporary media regulations/law and ethical issues by way of case analysis along with study of the evolution of media regulation for understanding of past, present, and future media performance. Prerequisite: CAB/CAJ 345.

CA 497—Contemporary Communication Application

Communication perspectives are offered for the analysis of a selected contemporary topic. Discussion of appropriate communication models and their analytic applications to a selected contemporary topic (e.g. communication and the family). May be repeated a maximum of two times for credit. Prerequisite: Permission of instructor.

CA 599—Selected Topics in Communication Arts**CA/ANT/ENG 763—Sociolinguistics**

The principles and methods used to study language as a sociocultural phenomenon, examined both from the linguistic viewpoint—the search for possible social explanations for language structure and use, and the social scientific viewpoint—analyzing facts about language which may illuminate our understanding of social structures.

CA/ANT/ENG 5472—Sociolinguistics

See ENG 5472 for course description.

Communication Arts in Broadcasting (CLASS)

CAB 340—Telecommunications

The operations of electronic media with emphasis on an emerging information-based economy. Theoretical and practical knowledge towards understanding and forecasting the roles of new and evolving media technologies, rationale for federal controls, and intra-inter-media operations. Prerequisite: CA 250.

CAB 344—Broadcast Programming

Programming techniques used in radio and television broadcast stations.

CAB/CAJ 345—Law and Ethics of Mass Communications

A survey of freedom of speech and press and its limitations by laws governing libel, privacy, copyright, contempt, free press, broadcast regulation, fair trial, and reporter's shield. Broadcast industry self-regulation and ethical concerns of mass communication will be discussed.

CAB 346—Broadcast Management

The organization and operation of broadcasting station policies and procedures. Prerequisites: CA 250.

CAB 347—Radio Production

An introduction to basic radio equipment, programming, and principles of studio operation; emphasis is on the production of laboratory programs with students participating in the various jobs involved in studio production.

CAB/CAJ/IS 352—Intl Mass Media Sys/Comp Anal

A comparative study of mass media around the world. Analyzes international media systems in terms of relevant political, social, economic, and cultural factors.

CAB/PSC 369—Politics and the Media

See PSC 369 for course description.

CAB 399—Selected Topics in Broadcasting**CAB 414—Broadcast Production Practicum**

Practical experience in broadcast production. The student will take an active part in the production of radio and television programs. Prerequisites: CAB 445 or CAB 448.

CAB 415—Broadcast News Practicum

Practical experience in broadcast news operations. The student will take an active part in the production of radio and television news programs. Prerequisite: CAB 445 or CAJ 445, CAB 446 or CAJ 446.

CAB 416—Industrial Video Practicum

Practical experience in industrial video production. Students will take an active part in the production of industrial video programs. Prerequisite: CAB 449.

CAB 417—News Feature Practicum

Practical experience in news feature production. Students will take an active part in the production of radio and television programs. A maximum of five hours may be applied toward a degree. Prerequisite: CAB 446 or CAJ 446, CAB 445, and CAB 347.

CAB 418—Broadcast Sales Practicum

Practical experience in broadcast sales and commercial production. Students will take an active part in the production of radio, television and cable commercial productions and analysis. Prerequisite: CAB 425.

CAB 419—Broadcast Engineering Practicum

Practical experience in broadcast engineering application. Students will take an active part in the daily production engineering of radio, television, and cable productions and system maintenance. Prerequisite: CAB 424.

CAB 422—Lighting and Video Productions

Analyzes the techniques, materials, aesthetics, and problems of video lighting for application to illumination of products, people, location situations, and studio situations. Prerequisite: CAB 444.

CAB 424—Video Engineering

Emphasis on application of video systems design, video signal elements, trouble-shooting signal problems, and maintenance of equipment. Prerequisite: CAB 444.

CAB 425—Commercial Applications: Electronic Media

Commercial application, both the analytical and creative, unique to the various electronic media. Students will gain a working knowledge of the skills needed for successful commercial objectives. Prerequisites: CAB 444 and MKT 351.

CAB/CAT 426—Dramatic Video Productions

The aesthetic techniques and application of the video medium for dramatic productions. Prerequisites: CAB 444 or CAT 255.

CAB 427—Video Electronic Graphics

Students will learn about the various Digital Video Effects (DVE) equipment used in the marketplace. Students will have the opportunity to demonstrate knowledge and creativity with computer graphics for video productions.

CAB 444—Television Production

An introduction to basic television equipment and elements of studio operation. Students will participate in various studio jobs while producing several laboratory programs.

CAB 445—Advanced Television Production

Project work for advanced students in various facets of television production. Students will produce and direct various types of programs. Prerequisite: CAB 444.

CAB/CAJ 446—Radio And Television News And Interviewing

A laboratory course to provide the student with techniques and experiences in facets of presentation of news and interviews for radio and television. Prerequisite: CAJ 252.

CAB/CAJ 447—Radio and Television Script Writing

A practical course providing the principles and techniques necessary for adapting the principles of writing to radio and television.

CAB 448—Advanced Radio Production

Advanced students will increase proficiency in radio production techniques. Students will produce commercials and simulated-live programs in the style of professional broadcast stations. Prerequisite: CAB 347

CAB 449—Industrial Media Productions

The application of video productions to industrial settings. The objectives of production as well as the methods of production development. The interrelation and utility of multi-media presentations. Prerequisites: CAB 445 and CAB 447, or permission of instructor.

CAB/SM 455—Sport Broadcasting

Broadcasting techniques specific to sports. Includes lecture, discussion, and simulated broadcasts by students.

CAB 491—Individual Problems

Offers students an opportunity to design and carry out an independent research and/or performance project in their areas of special need or interest. May be taken one to five times with credit depending on the complexity of the proposed project ranging from one to five hours credit. A maximum of five hours credit may be earned in independent study.

CAB 493, 494, 495—Internship I, II, III

May be taken only by Communication Arts majors whose emphasis is Broadcasting. Provides practical experience on a full-time basis in a radio or television station.

CAB 541—Broadcast Feature Reporting

Prepares students for the research needs, styles of presentation, applications to differing topics, and methods of producing video feature reports for differing broadcast markets. A continuation of CAB 446 with focus on the news feature. Prerequisite: CAB 446.

CAB 599—Selected Topics in Broadcasting Film**Communication Arts in Film (CLASS)****CAF 256—Introduction to the Cinema**

The basic elements of effective film production including screen writing, photography, performance, music and sound, editing, and directing. Selected scenes from great films will be shown and discussed.

CAF 350—Art of Film

A detailed analysis of selected masterpiece films, emphasizing aesthetics. The course will encourage students to understand films better and will deepen their appreciation of the art of cinema.

CAF 351—Documentary Film

The documentary film as an art form and as a medium of communication. Landmark films, such as *Nanook of the North* and *Triumph of the Will*, will be screened and analyzed.

CAF 352—History of American Cinema

A survey of film history, with emphasis on American cinema. Screenings of significant historical films will be included.

CAF/PSC 360—Film and Politics

See PSC 360 for course description.

CAF 399—Selected Topics in Film**CAF 599—Selected Topics in Film****CAF/ENG 3400—Themes and Patterns in Literature and Film**

See ENG 3400 for course description.

Communication Arts in Journalism (CLASS)**CAJ 252—Introduction to Journalistic Writing**

A pre-professional course designed to provide fundamental instruction and practice in writing for the mass media. Prerequisite: ENG 151.

CAJ 343—News Reporting and Writing

Basic instruction and practice in news gathering and news writing with special emphasis on style and successful completion of reporting assignments. Prerequisite: CAJ 252.

CAJ 344—Copy Editing

Instruction and practice in fundamentals of news editing including copy reading, headline writing, makeup, photo editing, and typography, with special emphasis on editing the weekly and daily newspaper. Prerequisite: CAJ 252.

CAJ/CAB 345—Law and Ethics of Mass Communications

See CAB 345 for course description.

CAJ 346—History of Journalism

The history of journalism from its beginning to the present day, with emphasis upon its correlation with political, economic and social trends.

CAJ 347—Contemporary America Newspapers

A survey of contemporary U.S. newspapers, emphasizing a number of the more important dailies and trends in the business.

CAJ 348—Magazine Writing and Production

Introduction to magazine journalism, from writing and editing to production techniques, circulation, art, advertising, and business. Emphasis on style, interviewing skills and examination of various staff roles. Prerequisite: CAJ 343 or permission of instructor.

CAJ/PM 350—Graphic Arts Technology II

See PM 350 for course description.

CAJ/MKT 351—Principles of Advertising

See MKT 351 for course description.

CAJ/CAB/IS 352—Intrnl Mass Media Sys/Comp AI

See CAB 352 for course description.

CAJ 399—Selected Topics in Journalism**CAJ 441—Photo Journalism**

Handling photographic assignments for the printed and broadcast media, with special emphasis on editing pictorial material for newspapers, magazines, and television.

CAJ 442—Advanced Reporting

Instruction and practice of public affairs journalism, with emphasis on beat reporting, social science reporting and investigative reporting. Prerequisite: CAJ 343.

CAJ 443—Subjective Journalism

The role of opinion in journalism, including editorials, columns, and cartoons; and exposure to the processes of researching information and writing subjective journalism. Prerequisite: CAJ 343.

CAJ 445—Feature Writing

The preparation for and writing of special feature stories and in-depth news stories for newspapers and magazines, emphasizing research, investigation, and interview techniques. Prerequisite: CAJ 343.

CAJ/CAB 446—Radio and Television News and Interviewing

A laboratory providing students with techniques and experience in facets of presentation of news and interviews for radio and television. Prerequisite: CAJ 252.

CAJ/CAB 447—Radio and Television Script Writing

A practical course providing the principles and techniques necessary for adapting the principles of writing to radio and television.

CAJ 492—Individual Problems

Offers students opportunities to design and carry out independent research and/or projects in their areas of special need or interest. May be taken one to five times, with credit depending on the complexity of the proposed project ranging from 1-5 hours credit. A maximum of five hours credit may be earned in independent study. Prerequisite: permission of instructor.

CAJ 493, 494, 495—Internship I, II, III

May be taken by journalism majors or minors with a 2.0 (see note below) GPA. Provides supervised practical experience on full-time basis at approved media site. Prerequisites: CAJ 343 and CAJ 344.

CAJ 599—Selected Topics in Journalism**CAJ 646—Radio and Television News and Interviewing**

(See CAB 646)

A laboratory course providing students with techniques and experiences in facets of presentation of news and interviews for radio and television. Prerequisites: CAB 347 and CAB 444/644 or permission of instructor.

CAJ 647—Radio and Television Script Writing (See CAB 647)

A practical course providing the principles and techniques necessary for adapting the principles of writing to radio and television media.

Communication Arts in Public Relations (CLASS)**CAP 311-313, 411-413—Public Relations Practicum**

Limited practical experience in public relations projects and campaigns. Limited to those in the Public Relations Emphasis. A maximum of five hours may be applied toward a degree.

CAP 340—Introduction to Public Relations

An introductory study of the history, theories and principles of public relations and the role and practice of public relations in various communication contexts. Prerequisite: CA 250.

CAP 342—Communications Programming for Public Relations

Reviews techniques employed in media management programs: research, creation or design and writing of messages for both mass and personal media, message dissemination and evaluation of results. Prerequisite: CAP 340.

CAP 343—Non-profit Public Relations

Explores the special challenges of managing public relations programs for a variety of non-profit agencies and organizations. Prerequisite: CAP 340 or permission of instructor.

CAP 344—Corporate Public Relations

The practice of public relations within corporations. Examines the role of public relations within an organization and its responsibilities relative to developing and maintaining external and internal relations. Prerequisite: CAP 340 or permission from instructor.

CAP 345—Public Relations Event Management

Provides students with the opportunity to learn planning techniques and strategies unique to events. Students will examine and apply motivational and situational audience analysis theories from event idea to its termination. Prerequisite: CAP 340.

CAP 350—International Public Relations

Introduces students to the theories, practices and research concerning the performance of public relations in international contexts. Specialized literature will be explored to enhance understanding of a broad variety of relatively complex public policy, economic, sociopolitical and historical concepts, in addition to public relations practices. Prerequisite: CAP 340

CAP 399—Selected Topics in Public Relations**CAP 440—Public Relations Campaign Strategies**

An advanced course in which students analyze cases and apply principles, processes, and theories of public relations to the execution of campaigns. Prerequisites: CAP 340 and CAP 342 or 445.

CAP 441—Public Relations Firms and Counseling

Provides students with exposure to public relations firms. The class will review the evolution and management of public relations firms, and principles involved in counseling clients. Prerequisite: CAP 340 or permission of instructor.

CAP 443—Public Relations Crises and Issues

Provides students with an understanding of how crises affect an organization's public relations efforts. Students will learn about different kinds of crises and how to proactively manage them. Prerequisite: CAP 340.

CAP 445—Public Relations Research

Exploration of the roles and interrelationships of public opinion, persuasion and public relations, and their impact in business and professional settings. How to gather, analyze and use public opinion as a public relations practitioner. Prerequisites: CA 250 and CAP 340.

CAP 446—Governmental Public Relations and Public Affairs

Describes and analyzes the purposes, practices and past performance of governmental public relations. Students will learn why and how local, state and federal government agencies communicate as they do with salient publics. Prerequisite: CAP 340 or permission of instructor.

CAP 491—Individual Problems

Students design and carry out independent research and/or performance projects in their areas of special need or interest. May be taken one to five times, with credit depending on the complexity of the proposed project ranging from one to five hours credit. A maximum of five hours credit may be earned in independent study. Prerequisite: By permission of instructor

CAP 493, 494, 495—Internship I, II, III

May be taken only by Public Relations majors. Provides practical experience on a full-time basis in a PR office. Prerequisite: Senior Standing.

CAP 599—Selected Topics in Public Relations**Communication Arts in Public Speaking (CLASS)****CAS 114-116, 214-216, 314-316, 414-416—Forensics Practicum**

Practical experience in forensic activities. The student will take an active part in the campus and intercollegiate forensic program. A maximum of five hours may be applied toward a degree.

● **CAS 251—Fundamentals of Public Speaking**

Acquaints students with the various types of speaking situations and provides them with the essential tools for effective communication in these situations. Prerequisite: ENG 151.

CAS 323—Parliamentary Procedure

Rules of law and order governing formal assemblies and legislation.

CAS 341—Oral Interpretation

A practical course in the oral interpretation of literature. Techniques for understanding the author's meaning and mood and for communicating them to an audience.

CAS 342—Discussion

Philosophy and technique involved in democratic oral decision-making with emphasis on the reflective pattern. Designed to develop effective discussion leaders and participants.

CAS 343—Argumentation and Debate

The principles and practice of debate including the use of research, logic, organization, and delivery. Prerequisite: CAS 251 or consent of instructor.

CAS 344—Advanced Public Speaking

Principles and practice in informative, entertaining, and persuasive speaking. Prerequisite: CAS 251.

CAS 345—Persuasion

The theory, philosophy, ethics, and techniques of persuasion considered from the points of view of both the sender and the receiver of persuasive messages. Prerequisite: CAS 251.

CAS 346—Interpersonal Communication

Offers students greater insight into the role of communication in interpersonal relationships and the skills necessary for more productive relationships through communication. Prerequisite: CA 252.

CAS 348—Rhetorical Criticism

An introduction to the critical study of messages from a rhetorical perspective. Emphasizes practical analysis of communication events as rhetorical processes with a focus on Neo-Aristotelian, Burkean, contextual, and fantasy theme approaches.

CAS/WGS 349—Communication and Gender

Introduces students to the literature of communication and gender. Defines the domain of communication and gender studies and considers how men's and women's self-perceptions and resulting communication patterns evolve as a function of cultural influences.

CAS 399—Selected Topics in Speech**CAS 438—Readers Theatre**

Group training in effectively bringing the written drama to life without the traditional adjuncts of costuming, scenery, lighting. Prerequisite: CAS 251.

CAS 441—Communication and Conflict

Provides a systematic examination of conflict processes with a focus on the communication behavior of the conflict participants. Attention is given to managing conflict in informal settings and to the productive management of conflict.

CAS 442—Theories of Small Group Communications

Emphasizes major theoretical approaches to the study of small group communication with a focus on field theory, rules theory, and systems theory. Prerequisite: CAS 251 or CA 252.

CAS 443—Semantics

Introduction to concepts of meaning with special emphasis on semantics in language form and content.

CAS 444—Communication Theory

Equips the student with basic, functional knowledge of the primary aspects of communication theory, which are communication systems, intra-interpersonal communications, perceptual communications, and social communications. Prerequisite: junior, senior standing.

CAS 445—Political Communication

Emphasizes the role and function of communication in the political setting. Examines theories of political communication and their application to political campaigns, formal and informal political debates, speech writing, and news reports. Prerequisite: PSC 250.

CAS 447—Rhetoric of Social Movements

The rhetorical significance of selected social movements. Discussion and analysis of persuasive discourse that characterizes certain social movements, such as civil rights, labor reform, environmental protection. Prerequisites: CAS 348 or consent of instructor.

CAS 448—Organizational Communication

Emphasis on organizational communication climate: creating and exchanging verbal and nonverbal messages in the interpersonal, small group and public organizational setting; planning and implementing organizational communication diagnosis and change; developing career paths in organizational communication.

CAS 449—Philosophy in Communication

Emphasizes major contributions from philosophy to communication. Discussion of classical realism through existentialism in terms of contributions to contemporary communication studies.

CAS 491—Individual Problems

Students design and carry out independent research and/or performance projects in their areas of special need or interest. May be taken one to five times, ranging from one to five hours credit, with credit depending on the complexity of the proposed project. A maximum of five hours credit may be earned in independent study.

CAS 493, 494, 495—Internship I, II, III

May be taken only by speech communication majors. Provides practical experience in the field of communication appropriate to the student's preparation and interest.

CAS 551—Descriptive Linguistics

Phonology and morphology as general concepts and as applied to certain languages. Methodology of language analysis at both levels of language structure.

CAS 599—Selected Topics in Speech Theatre**Communication Arts in Theatre (CLASS)****CAT 110-113, 210-213, 310-313, 410-413—Theatre Practicum**

Practical experience in theatre. The student will take an active part in the major theatrical production of the quarter. A maximum of five hours may apply toward a degree.

CAT 114-117, 214-217, 314-317, 414-417—Puppetry Practicum

Practical experience in puppetry. The student will take part in the department's puppetry activities during the quarter. A maximum of five hours may apply toward a degree.

CAT 121—Stage Make-up

This course will deal with the principles of make-up for the stage. It should include analysis of physical characteristics and bone structure, theatrical chiaroscuro, prosthesis and hair applications as well as an introduction to basic make-up materials and techniques of their application.

CAT 192, 292, 392, 492—Theatre Workshop

Practical experience in intensive production. Designed to acquaint the student with acting and technical theatre, ranging from basic to advanced techniques. Instruction is coordinated with active involvement in two summer repertory productions. Only 10 hours may be credited toward a degree in Communication Arts. This is a variable credit course.

CAT 251—Stagecraft

A basic introduction to principles of scenic construction, design, drafting, painting and other elementary aspects of physical theatre. Includes laboratory work. A preparatory and prerequisite course for most other production and performance courses in the theatre area.

CAT 255—Acting I

Teaches the student to master stage techniques. For Communication Arts majors and minors or as an elective.

● CAT 257—Introduction to Theatre

Lectures, films, recordings and the reading of representative plays. Develops appreciation of dramatic literature as theatre.

CAT 319 A, B, C, D, E—Voice Improvement for the Theatre

Developing the natural voice and extending its flexibility as an instrument for the stage. Developing vocal self-awareness. Credit: one hour per course. A maximum of five hours may apply toward a degree.

CAT 334—Scene Painting for Stage and Screen

History and development of the techniques of scene painting. The art of scene painting of backdrops, application of three-dimensional textures, and trompe-l'oeil effects for use on stage or in the photographic media. The student will learn to handle a variety of paint media including transparent dye. The course will also teach the application of metal leaves which simulate gold.

CAT 340—Theatre Management

Principles and practices of managing commercial and non-commercial theatrical producing organizations. Designed to deal with problems of organization, financial structure, personnel, policy, physical plant, program building, public relations, market analysis and sales, along with the co-relationship of these elements to artistic production.

CAT 341—Script Analysis

Processes of script analysis necessary to stage plays for the public. Prerequisites: CAT 257 or consent of instructor.

CAT 342—Theatre History I: To the Elizabethans

A survey of the physical structure, production methods, acting and stage design of theatre from its beginnings up to the Elizabethan Period. Primitive rituals and Oriental Theatre as well as Western European drama. Reading of representative plays and their application to the theatrical development of the period.

CAT 343—Theatre History II: Elizabethan-Modern

A survey of the physical structure, production methods, acting and stage design of Western Theatre from the Elizabethan period through the modern period. The reading of representative plays and their applications to the theatrical development of the period.

CAT 346—Play Directing

Includes methods and techniques of all phases of play directing. Each student is required to direct a one-act play or an act from a longer play. Prerequisites: CAT 341 and CAT 255.

CAT 347—Acting II

Prerequisite: CAT 255.

CAT/AAS 356—African-American Theatre

A course which investigates the contributions of black playwrights, actors, and directors to American theatre.

CAT 358—Child Drama and Creative Dramatics

Drama for and with children as a participatory and as a presentational medium. Students will examine the unique aspects of plays performed for and by children, as well as imitative games and activities to be created and enjoyed by children, for a variety of educational and social purposes without concern for audiences.

CAT 399—Selected Topics in Theatre**CAT/CAB 426—Dramatic Video Production**

See CAB 426 for course description.

CAT 441—Lighting for the Stage

The use of lighting equipment in various styles of production including special equipment, displays, outdoor pageants, television, puppet theatre, and modern theatre usage. Elementary principles of electricity and lighting will be studied from the perspective of functions, sources, instruments, accessories, special effects, control boards, light plans and safety. Prerequisite: CAT 251.

CAT 442—Scene Design

Special assignments to develop skill and experience and increase knowledge in the styles of scene design for theatrical production. Includes laboratory experience in the practical aspects of transferring the design to the actual theatrical production. Prerequisite: CAT 251 and CAT 314.

CAT 443—Costume Design

The history and applied theory of theatrical costume design. Exposure to materials, theories and concepts in theatrical costume design, executed and demonstrated through the media of watercolor and charcoal renderings. Provides practical laboratory experience in costume preparation for the theatre. (No prerequisite, though CAT 251 is recommended.)

CAT/ENG 444—Drama in Performance

See ENG 444 for course description.

CAT 491—Individual Problems

Students design and carry out independent research and/or performance projects in their areas of special need or interest. May be taken one to five times, with credit depending on the complexity of the proposed project ranging from one to five hours credit. A maximum of five hours credit may be earned in independent study.

CAT 493, 494, 495—Internship I, II, III

May be taken only by communication arts majors whose emphasis is Community and Recreational Theatre. Provides practical experience on a full-time basis in a community or recreational theatre program.

CAT 557—Play Writing

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 will complete a full length play.

CAT 565/765—Puppetry

A practical course to acquaint the student with puppetry as an art and as an educational medium. Emphasis is placed on the effective educational use of puppetry in the development of individual and group resources, creativity, self-expression and emotional adjustment in the classroom.

CAT 599—Selected Topics in Theatre**CAT 799—Selected Topics in Theatre****CAT 851—Creative Dramatics**

This course consists of learning how to motivate groups for creative dramatics, and how to lead children in adapting stories, and creating characters.

CAT 891—Independent Study in Theatre

Guided independent study on an approved topic in Theatre. The student must submit a proposed project, problem, or research topic (in triplicate) to the department head prior to the beginning of the quarter in which the study is to be done. Admission by permission only. One to five hours credit.

Counselor Education (COE)**CE 591/791—Special Problems in Counseling**

Promotes specialized training appropriate to the needs of in-service school personnel. Explores a range of specific problems as they reach special significance in local school systems.

CE 758—Introduction to Guidance And Human Services

Guidance and counseling services in schools and a variety of helping agencies. Community resources, referral procedures, and delivery of human services will be explored in convenient locations.

CE 851—Elementary/Middle School Counseling

The nature of counseling and guidance and its practical application at the elementary and middle school levels. Emphasis on counseling role, philosophy and practice with elementary and middle school age youth. Prerequisite: CE 852 or permission of instructor, and proof of professional liability insurance coverage.

CE 852—Counseling Theory and Process

The nature of counseling, alternative theoretical strategies and the process of counseling. Course provides a base from which students can build a personal theory of counseling.

CE 853—Career Counseling

Organization, status and trends in the World of Work. Sources of occupational information and tests with career implications. Career development theories provide a framework for career counseling and decision making.

CE 854—Organization and Administration of Student Services

An introduction to organizational patterns and administration of a comprehensive student services program. Procedures for conducting needs assessments and evaluating student services programs. A practical approach through integration of theory with current practice. Roles and responsibilities of the various student services specialists.

CE 855—Counseling Practicum

Application and critical evaluation of all counseling skills in practical situations with provision of clinical experiences under supervision. Counseling interviews are recorded, discussed, and evaluated. Prerequisites: CE 852, CE 863, and proof of professional liability insurance coverage.

CE 857—Group Procedures

Philosophy and theoretical strategies of group counseling and guidance: emphasis on the nature of groups and the dynamics of group interaction in counseling settings. Prerequisite: CE 852 or permission of instructor.

CE 859—Advanced Counseling Practicum

Advanced clinical experience in diagnosis of student concerns and application of tools and techniques in counseling. Case studies, case reports, and summary report writing. Open to Ed.S. students in Counselor Education with proof of professional liability insurance coverage.

CE 860—Seminar in Guidance

A critical study of selected problems in the field of guidance. Students will select difficult concerns they have experienced, study them thoroughly and discuss the findings in small group situations. New approaches and techniques will be analyzed. Prerequisites: Advanced graduate standing and consent of advisor. Prerequisite: Completion of a minimum of 50 hours or permission of instructor.

CED 861—Counseling Parents of Exceptional Children

Gives the school counselor, school psychologist and teacher an understanding of the impact of exceptionality on the family and explores counseling and communication strategies for use with individuals and family units. Special attention is given to the development of a personal philosophy of communication and counseling for parents of exceptional children. Prerequisite: Permission of instructor. (May not be taken by students who have received credit for EXC 861.)

CED 862—Interpretation of Psychoeducational Tests

Fosters accurate interpretation of individual educational and psychological test results to produce appropriate instructional approaches for children with learning or behavior problems. Prerequisite: Permission of instructor. (This course may not be taken by students who have received credit for EDP 862.)

CED 863—Counseling Models and the Helping Relationship

Systematic, developmental counseling models in which theoretical approaches may be practiced. Role-playing and other experiential techniques demonstrate effective counselor-client relationships and processes. Pre-practicum activities include analysis of audio and video taped counseling sessions. Prerequisite: CED 852 and proof of professional liability insurance coverage.

CED 864—Addiction Counseling

Surveys aspects of alcohol and other drug abuse and assists in understanding the process of addiction and in developing skills for identifying clients with chemical dependencies and/or eating disorders. The course addresses the role counselors, teachers, and professionals can play in prevention and the recovery process including appropriate resources.

CED 865—Educational Testing and Individual Analysis

Cognitive and affective test and nontest instruments and techniques for individual analysis in guidance and in educational psychology and for instructional and administrative purposes. (This course may not be taken by students who have received credit for EDP 865.)

CED 867—Development Through the Life Span

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 educational and related settings. (This course may not be taken by students who have received credit for EDP 867.)

CED 868—Professional Practice & Ethics

Ethical standards, laws, ordinances, and statutes that govern professional behavior. Specific topics include professional practice and ethics involving professional relationships, the impact of values, confidentiality, and violations. Also addressed will be licensure laws as well as parameters of related practice procedures.

CED 871—Vocational Assessment of Special Needs Students

Provides students with the knowledge and skills to select, administer, and interpret instruments which sample vocational interests, aptitudes, and development. Emphasis on the evaluation of handicapped and disadvantaged students. Prerequisite: Permission of instructor. (This course may not be taken by students who have received credit for EDP 862.)

CED 880—Community Counseling

An overview of community counseling, a survey of theoretical foundations, research and practice in community counseling. Topics covered include: the role of the community counselor, outreach to vulnerable client populations, preventive education, client advoca-

cacy, referral practices, consultation and the adaptation of community counseling models in community mental health agencies, business, industry and specialized settings. The course also addresses ethics, program management, and the Diagnostic and Statistical Manual of Mental Disorders (DSM IV-R).

CED 881—Family Counseling

The family as a system, how it affects the client and how the client affects it. Family systems and communications theories will be presented with specific attention to the student's awareness of their own families' systems as a base from which they can develop an approach for understanding and working with families. Family counseling techniques in a variety of settings. Didactic presentations, role playing, and work with simulated families. Prerequisite or concurrent registration: CED 852 Counseling Theory and Process.

CED 892—Theories and Techniques of Cross-cultural Counseling

Builds expertise in counseling to culturally different client. A consideration of procedures for, and impediments to, counseling the different client. Emphasis on an understanding of the social, economic and political bases of counseling and therapy. Exposes cultural self-awareness of counselors in multi-cultural situations and is designed to develop sensitivity to the special needs of persons of different cultural backgrounds. Activities may include student case presentation of a client from a different culture. Students will be required to have liability insurance.

CED 893—Directed Individual Study

An extension of the research consumer skills of Educational Research 851 into an opportunity for application to an independent or action research project. The results are usually presented in written form reflecting the content of library research and applied research methodology related to the school.

CED 894—Counseling Internship

A supervised field experience for students in counselor preparation programs. The scope and objectives of the field experience will be determined by the students and faculty on an individual basis. Variable credit up to a maximum of fifteen hours. Prerequisites: CED 852, CED 855, CED 857, CED 863, and at least two additional counselor education courses, and proof of professional liability insurance coverage. NOTE: Students must register for additional hours if internship extends beyond one term.

CED 895—Action Research in Education

Action research skills are needed by consultative and supervisory personnel in education. Each student will prepare a comprehensive research proposal related to a practical problem in education. Selected proposals may be implemented and reported in a comprehensive format. Variable credit up to a maximum of fifteen quarter hours. Prerequisite: EDR 761 and EDR 852.

Civil Engineering Technology (COST)**CET 343—Construction Materials**

An introduction to fundamental construction materials in civil engineering technology with emphasis on laboratory testing. Analysis and design of base courses; design of portland cement concrete mixes; design of asphalt concrete mixes. Two lecture periods and two two-hour labs. Prerequisite: ES 253.

CET 345—Introduction to Environmental Control

Pertinent legislation and agencies addressing environmental protection; chemical and bacteriological principles as applied to environmental control; stream sanitation and DO sag; principles of solid waste systems and hazardous waste control; standard laboratory tests. Three single lecture periods and one three-hour lab. Prerequisite: CHEM 171 or 181.

CET 351—Elementary Surveying I

Use of the level, transit, and EDM; taping, stadia reading, notekeeping and computations. Three single lecture periods and two two-hour labs. Prerequisite: Math 152.

CET 352—Elementary Surveying II

Coordinate Geometry; control surveys; triangulation; trilateration; state plane coordinate systems; astronomical observations for azimuth; topographic mapping; subdivision and plat requirements. Four single lecture periods and one three-hour lab. Prerequisites: CET 351 and ES 231.

CET 353—Route Surveying

Application of techniques of route location; horizontal forms, including spiral curve calculation; vertical curves; earthwork computation techniques; mass diagram; stake out of final design. Four single lecture periods and one three-hour lab. Prerequisite: CET 351.

CET 354—Wood and Masonry Design

1. Introduction to the design of wood structures in accordance with the "National Design Specification for Wood Construction." Topics: Properties of Wood, design of beams, columns, and diaphragms.
2. Introduction to the design of reinforced masonry structures in accordance with the "Building Code Requirements for Masonry Structures (ACI/ASCE/TMS)." Topics: General design considerations, design of walls, pilasters, and lintels. Five single lecture periods. Prerequisite: ES 253.

CET 361—Soils and Foundations

A practical introduction to soil mechanics and foundations; physical properties of soils, soil exploration, stress distribution in soil, consolidation of soil and settlement, shear strength of soil, spread footings, piles, and lateral earth pressure. Four single lecture periods and one two-hour period for laboratory exercises. Prerequisites: ES 253, ES 231.

CET 363—Structural Analysis

Review of fundamental design and analysis of determinate structures and introduction to plane structures, classical slope deflection and moment distribution. Introduction to computer analysis of frames with micro-computers. Five single lecture periods. Prerequisite: ES 253 and ES 231.

CET 364—Steel Design

Introduction to building code (LFRD-AISC) specification for design. Characteristics of structural steels. Tension members. Columns. Beams. Beam-columns. Connections. Four single lecture periods and one two-hour design/computational laboratory. Prerequisite: CET 363.

CET 365—Reinforced Concrete Design

Introduction to building code (ACI) specifications for design. Characteristics of materials. Structural mechanics of flexure. Strength design and deflection of beams. Strength design of columns. Four single lecture periods and one two-hour design/computational laboratory. Prerequisite: ES 253 and ES 231. Prerequisites: Junior standing in CET.

CET 399—Selected Topics in CET

Civil engineering technology course topics not generally offered by the department. One to 15 credits.

CET 452—Transportation System Design

A treatment of the fundamental principles of the planning, design, and analysis of highway and railway systems. Four single lecture periods and one two-hour design/computation laboratory. Prerequisites: Junior standing in CET.

CET 455—Collection and Distribution Systems

Design of a wastewater collection system; Hardy-Cross analysis and design of a water distribution system; pumps and pumping stations in distribution and collection systems. Computer applications. Four single lectures and one three-hour design/computational laboratory. Prerequisite: ES 354 and ES 231.

CET 456—Treatment Plant Design

Sources and characteristics of water and waste water; principles of designs for units and processes in water and wastewater treatment plants; EPA and state requirements. Four single lecture periods and one two-hour design/computational laboratory. Prerequisites: CET 345; Pre- or Co-Req: ES 354.

CET 458—Traffic Analysis and Control

A fundamental treatment of the elements of traffic studies and data collection, geometric design, capacity analysis and evaluation, and control operations and management. Four single lecture periods & one three-hour Design/Field Laboratory.

CET 495—Special Problems

Specialized study. Prerequisites: junior standing, definition of problem and permission of instructor six weeks prior to beginning of quarter.

Chemistry (COST)**● CHE 165—Chemistry and Your World**

Familiarizes the non-science major with the existing relations between fundamental aspects of chemistry and human society. Topics include air pollution, water pollution, drugs, nutrition, plastics, and nuclear power. Five lectures per week.

● CHE 171—Introduction to General Chemistry

First in the two-course sequence, CHE 171 and CHE 172, stresses the basic laws of chemistry: principles of reaction, chemical bonding, and acid-base equilibria. Four lectures and one three-hour laboratory per week.

● CHE 172—Introduction to Organic Chemistry

Second in the two-course sequence, CHE 171 and CHE 172, a brief survey of the principles of organic chemistry with emphasis on compounds of biological interest. Cannot be used as a prerequisite for upper-level chemistry courses except for CHE 380. Four lectures and one three-hour laboratory per week. Prerequisite: CHE 171.

● CHE 181—Chemical Structure and Properties

The intimate relationship between the structure of a compound and its properties. Topics include: atomic theory, bonding, structure, mass-mole relationships, molarity, intermolecular forces, and the properties of solids, liquids, and gases. Four lectures and one three hour lab per week.

● CHE 182—Chemical Reactivity

An in depth study of chemical reactivity. Topics include: stoichiometry, thermodynamics, equilibrium, kinetics, and reactions of acids and bases. Four lectures and one three hour lab per week.

CHE 183—Applications of Structure and Reactivity

A course designed to explore the intimate relationships between structure and reactivity. Four lectures and one three-hour laboratory per week.

CHE 261—Quantitative Analysis

The principles, techniques and calculations of quantitative determinations in volumetric and gravimetric analysis. Four lectures and one four-hour laboratory period per week. Prerequisite: CHE 183.

CHE 362, 363—Instrumental Analysis I and II

A two-course sequence of instrumental analysis involving a study of the principles, theories and applications of chromatography, electrochemistry, spectroscopy and other techniques in modern instrumental analysis. Four lectures and one four-hour laboratory period per week. Prerequisite: CHE 261.

CHE 371, 372, 373—Organic Chemistry

The aliphatic and aromatic series of carbon compounds designed for the chemistry major, emphasizing relationships between structure, mechanism and reactivity. Four lectures and one four-hour laboratory period per week. Prerequisite: CHE 182, or consent of instructor.

CHE 377, 378—Organic Chemistry

The aliphatic and aromatic series of carbon compounds emphasizing descriptive chemistry of functional groups. Four lectures and one three-hour laboratory period per week. Prerequisite: CHE 182.

CHE 380—Introduction to Biochemistry

The intermediary metabolism of carbohydrates, lipids, proteins, and nucleic acids with emphasis upon common and regulatory pathways and upon the related functions of vitamins, hormones and minerals. Four lectures and three laboratory hours per week. Prerequisite: CHE 172, or consent of instructor.

CHE 399—Selected Topics in Chemistry**CHE 499—Special Problems in Chemistry**

A course in which independent research problems may be undertaken with the permission of the chemistry faculty and the instructor under whose direction the student wishes to work. Not more than 5 quarter hours may be counted toward the major.

CHE 521/721—The Literature of Chemistry

A two-hour course in the effective use of the library resources in chemistry: journals, abstracts, reviews and other reference works of importance. Two lecture periods per week. Prerequisite: Chemistry 362, 373, or consent of instructor.

CHE 522—Scientific Glassblowing

A laboratory course designed to develop fundamental glassblowing skills required for construction of glass apparatus used in scientific investigations. Two two-hour laboratory periods per week. Prerequisite: Upper division (sophomore +) science major.

CHE 554/754—Advanced Inorganic Chemistry

Selected topics in inorganic chemistry. Atomic structure, chemical bonding, the periodic law, acid-base theories, coordination compounds and organometallic chemistry. Four lectures and three laboratory hours per week. Prerequisites: CHE 371-373, CHE 581-583 or consent of instructor.

CHE 561—Chemical Spectroscopy and Molecular Structure

Basic principles and practical application to the various types of spectra as applied to the study of molecular structure. Five lecture periods per week. Prerequisites: Ten hours physics, ten hours calculus, and ten hours of organic chemistry or consent of instructor.

CHE 571—Introduction to Polymer Chemistry

The synthesis and the mechanisms of formation of polymers; an introduction to some of the analytical techniques useful in determining the structure and molecular weight of polymers; the effect of molecular weight and structure on the properties of polymers.

CHE 581, 582, 583—Physical Chemistry

A three-course sequence covering fundamental principles. CHE 581 covers gas laws and the fundamentals of chemical thermody-

namics. CHE 582 covers chemical and phase equilibria, electrochemical phenomena and kinetics. CHE 583 covers quantum chemistry, photochemistry, spectroscopy and structure (crystals, solids, macromolecules). Four lectures and one three-hour laboratory per week. Prerequisites: CHE 261, MAT 166-167, PHY 251, 252, 253 or 261, 262, 263.

CHE 586, 587, 588—Biochemistry

A three-course sequence covering fundamental principles. CHE 586 is a survey of the biochemistry of proteins, carbohydrates, lipids, membranes and enzymes with emphasis on their structure and functions in major metabolic pathways. CHE 587 will emphasize intermediary metabolism involving a survey of the pathways of degradation and synthesis of carbohydrates, lipids, and amino acids. CHE 588 will emphasize nucleic acid chemistry, including replication, transcription, translation and related topics. Four lectures and one four-hour laboratory per week. Prerequisites: CHE 373 or 378, and CHE 586.

CHE 761—Chemical Spectroscopy and Molecular Structure

Basic principles and practical application to the various types of spectra as applied to the study of molecular structure. Five lecture periods per week. Prerequisites: Ten hours physics, ten hours calculus, and ten hours of organic chemistry or consent of instructor.

CHE 781, 782, 783—Physical Chemistry

A three-course sequence covering fundamental principles. CHE 781 covers gas laws and the fundamentals of chemical thermo-dynamics. CHE 782 covers chemical and phase equilibria, electrochemical phenomena and kinetics. CHE 783 covers quantum chemistry, photochemistry, spectroscopy and structure (crystals, solids, macromolecules). Four lectures and one three-hour laboratory per week. Prerequisites: Analytical Chemistry, Calculus, Physics.

CHE 786, 787, 788—Biochemistry

A three-course sequence covering fundamental principles. CHE 786 is a survey of the biochemistry of proteins, carbohydrates, lipids, membranes, and enzymes with emphasis on their structure and functions in major metabolic pathways. CHE 787 will emphasize intermediary metabolism involving a survey of the pathways of degradation and synthesis of carbohydrates, lipids, and amino acids. CHE 788 will emphasize nucleic acid chemistry, including replication, transcription, translation and related topics. Four lectures and one four-hour laboratory per week in CHE 786 and CHE 787. Five lectures (no lab) per week for CHE 788. Prerequisites: CHE 371, 372, 373, or CHE 377, 378.

CHE 799—Selected Topics in Chemistry**CHE 850—Chemistry for Elementary Teachers**

Fundamental principles in chemistry including matter, structure of matter, compounds, law of chemistry, gases, liquids, solids, solutions, and electrolytes. Three single periods and two two-hour laboratory periods a week.

CHE 855—Chemistry for Secondary Teachers

Lectures, recitations, and laboratory exercises covering a wide field of modern chemistry. Designed for high school teachers of general science and chemistry. Registration is restricted to candidates for the M. Ed., M.S.T., or students in the six-year program. Prerequisites: CHE 181, 182, and ten additional hours in chemistry or consent of the instructor.

CHE 861—Analytical Chemistry

An analytical course for secondary education teachers designed to enhance their understanding of chemical reactions, acid-base behavior, stoichiometry and equilibria by means of qualitative and quantitative analytical experiences obtained from individual labo-

ratory exercises and group demonstrations. Prerequisite: CHE 171 or equivalent. Four lectures and one two-hour laboratory per week.

CHE 875—Organic Chemistry

A course for secondary teachers on aliphatic and aromatic series of organic compounds emphasizing their structures and their chemical physical properties. Four lecture periods and one three-hour laboratory period per week. Prerequisites: CHE 181, 182 or consent of the instructor.

Chinese (CLASS)

CHI 151—Elementary Chinese I

Introduction to Chinese by means of self-instruction. Emphasis on speaking and listening skills, the Chinese alphabet, and basic grammatical structure. Students will work with a variety of instructional aids, including textbooks, audio tapes, and a tutor.

CHI 152—Elementary Chinese II

Continued study of Chinese by means of self-instruction. Emphasis on speaking and listening skills, the Chinese alphabet, and basic grammatical structure. Students will work with a variety of instructional aids, including textbooks, audio tapes, and a tutor. Prerequisite: CHI 151.

Computer Information Systems (COST)

CIS 251—Introduction to Computer Information Systems

A survey of the application of computers in business. This course introduces students to hardware, software, data, procedures, and human resources and examines their integration and application in the business setting. Students will also experience the use of word processing, spreadsheet, and database management programs. Prerequisites: ENG 151 and MAT 151 or equivalent or consent of instructor.

CIS 381—Introduction to Computer Programming

A thorough introduction to computer programming using a high-level programming language. Fundamentals of structured programming and the application of fundamental data structures. Prerequisite: CIS 251 or consent of instructor.

CIS 382—Cobol Programming

A complete treatment of the COBOL language, file handling, job control language, and other traditional data management techniques. Prerequisites: A "C" or better in CIS 381 or CSC 281 and CSC 283 or consent of instructor.

CIS 384—Systems Analysis and Design

Concepts and techniques of systems analysis and design. Topics include systems theory, systems analysis and design, tools and techniques of the analyst, and the design of an information system. Prerequisites: A "C" or better in CIS 381 or CSC 281 and CSC 283 or consent of instructor

CIS 460—Advanced Programming Concepts

Advanced programming concepts. Possible topics may include object oriented programming and fourth and fifth generation languages, using appropriate languages and systems. Prerequisite: A "C" or better in CIS 381. CIS 384 is recommended

CIS 470—Decision Support/Expert Systems

The application of computer-based decision support and expert systems to the solution of business problems. Prerequisite: A "C" or better in CIS 381 or consent of instructor.

CIS 484—Business Data Communications

Telecommunications technology in the business environment to include voice, data, and video communications. Emphasis on the

application of the technology to meet information systems requirements. Prerequisites: A "C" or better in CIS 381. CIS 384 is recommended.

CIS 486—Information Resource Management

The management of the organization's information system function from the perspective of information as a critical organization resource. Emphasis on information systems planning, and managing the information systems applications portfolio. Prerequisites: A "C" or better in CIS 381 and completion of CIS 384 or consent of instructor.

CIS 488—Applied Database Systems

Prerequisites: A "C" or better in CIS 381 and completion of CIS 384 or consent of instructor.

CIS 489—Information Systems Development and Implementation

Integrates prior information systems study through the development and implementation of a systems product. Focus on requirements definition, analysis, design, systems building, and implementation in a product environment. Prerequisite: CIS 384 and CIS 488 or consent of instructor.

CIS 596—Special Problems in Information Systems

Involves individual student research or study on special problems under the direction of an information systems faculty member having special qualifications or interests in the problem area. Prerequisite: By permission only.

CIS 599—Internship in Information Systems

A supervised work-study program in selected business firms throughout the Southeast. Any student enrolled in the internship program will be required to work for one full quarter. Prerequisites: Junior Standing; consent of both the supervising instructor and the department chairperson.

Comparative Literature (CLASS)

CLT 320 —Theory and Practice of Literary Translation

Introduction to the history and theory of literary translation. Emphasis on practical problems and techniques, with exercises culminating in the translation of a foreign language text appropriate to the student's interests and abilities. Prerequisites: Completion of the fourth quarter in a foreign language.

CLT/ENG 385—Introduction to Comparative Literature

Introduction to an application of theories, methods, and topics relevant to the comparative study of literature. Discussion of genre, period, theme, and influence; of interaction between Western and non-Western traditions in literature, including post-colonial literature; of feminist, African-Americanist, deconstructionist, and other theoretical reassessments of the literary canon; of aspects in the international reception of literary works; and of problems of translation. Prerequisites: ENG 251 and either ENG 252 or ENG 253. Five hours academic credit.

CLT/ENG 485—Seminar in Comparative Literature

A detailed study of a specific literary topic dealt with from a comparative standpoint. Readings drawn from a variety of non-English languages, one of which the students are expected to read in the original. Prerequisite: permission of the instructor. Five hours academic credit.

Computer Science (COST)

CSC 230—Introduction to Basic Programming

BASIC language structure with applications and concepts. Prerequisite: five hours of mathematics.

CSC 232—Introduction to Fortran Programming

Basic concepts, logic and syntax of the FORTRAN programming language. Prerequisite: five hours of mathematics.

CSC 281—Principles of Computer Programming I

An introduction to data representation and computer system organization. Algorithm development using simple data types and control structures. Further development using procedures, functions, and structured data types. Prerequisites: Knowledge of MAT 151 and one of the following: knowledge of a programming language; CIS 251; MAT 166.

CSC 283—Principles of Computer Programming II

A continuation of CSC 281. Emphasis will be placed on advanced structured programming and an introduction to data structures. Prerequisite: CSC 281.

CSC 285—File Processing

Creation, use, sorting, and modification of sequential-access and random-access files. Continues the development of the design, implementation, testing, and documentation skills begin in CSC 281, with emphasis on algorithm development. Prerequisite: CSC 283 and a knowledge of the C programming language.

CSC 287—Unix and C Programming

The UNIX operating system and the C programming language. Prerequisite: Two quarters of Ada, Pascal, or Modula-2; or consent of instructor.

CSC 299—Selected Topics in Computer Science**CSC 351—Theoretical Foundations of Computer Science**

Language definition, grammars, parsing, finitestate machines, recursive function theory, computable functions and Turing machines, and computational complexity. Prerequisites: MAT 251 and CSC 283.

CSC 364—Data Structures

Applying algorithmic design techniques to data manipulation and an introduction to algorithm analysis and memory management. Prerequisite or corequisite: CSC 351

CSC 385—Assembler Language Programming

Computer structure and machine language; symbolic coding and assembly systems; program segmentation and linkage; interrupt-handling. Prerequisite: CSC 283 or consent of instructor.

CSC 399—Selected Topics in Computer Science**CSC 450—Computer Algorithms**

An in-depth study of the design and analysis of computer algorithms. Prerequisites: MAT 334, CSC 351, and CSC 364.

CSC 453/653—Theory of Programming Languages

The formal description of programming languages. The features of modern programming languages and various languages for examples. Prerequisites: CSC 351, CSC 364 and a programming language in addition to either C or Pascal.

CSC 461/661—Data Communications and Networking

Fundamental concepts of data communications, with error detection and correction. Principles and methods of connecting computers into networks, including layered network architectures, and wide and local area networks. Prerequisites: CSC 385 and a knowledge of the C programming language.

CSC 464/664—Object-oriented Programming

Objects, classes, inheritance, messages and methods; object-oriented design; multiple inheritance and polymorphism; visibility,

dependency, extensibility. Examples from one or more object-oriented languages. Prerequisites: CSC 351 and CSC 364.

CSC/MAT 480—Applied Numerical Methods

Introduction to numerical methods and concepts for application to scientific problems on the computer. Prerequisites: MAT 334, CSC 283, and a knowledge of FORTRAN.

CSC 482/682—Operating Systems

Operating systems for various size computers. Emphasis on the management of devices, processes, memory, input/output, and files. Prerequisite: CSC 385 and a knowledge of the C programming language.

CSC 483/683—Computer Architecture

Computer systems organization, conventional machine architecture, CPU architecture and organization, input and output. Four hours lecture and one two-hour lab per week. Prerequisites: CSC 385 and MAT 251.

CSC 486/686—Discrete Simulation

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. Prerequisites: CSC 281 or MGT 381; MAT 338 or MGT 354 or BIO/STA 476.

CSC 487/687—Database Systems

The fundamental concepts of database management systems (DBMS), with emphasis on the design and development of DBMS. Several types of systems will be studied, with primary consideration being given to relational DBMS. Prerequisite: CSC 285, 351, and 364.

CSC 495/695—Directed Study in Computer Science

Directed study under faculty supervision. Prerequisite: Consent of department chair.

CSC 499—Special Problems/Co-op

Work experience in computer science through the CO-OP program. A student may enroll in this course more than once, but cumulative credit may not exceed five hours. Variable credit, zero to five hours. Prerequisite: Acceptance as a CO-OP student in the area of computer science.

CSC 555/755—Data Management in Mathematics and the Sciences

Topics in data management, including operating systems, word processing, spreadsheets, and database management and their application to mathematics and the sciences. Intended primarily for those majoring in Mathematics, Education or certain sciences. For those majoring or minoring in Computer Science, this course may not be used as an upper level Computer Science elective. Prerequisite: CSC 230 or permission of instructor.

CSC 560/760—Computer Graphics

Graphic fundamentals. Two-dimensional geometric transformations, elementary shading techniques, three-dimensional graphics, curves and surfaces. Prerequisites: MAT 334, CSC 351, and CSC 364.

CSC 566/766—Artificial Intelligence

Introduction to the LISP programming language, production rule systems, heuristic search, problem reductions, frames and semantic networks and expert systems. Prerequisite: CSC 351 and 364.

CSC 568/768—Software Engineering

Management and development of software; strategies and techniques of design; testing, documentation and maintenance. Prerequisites: CSC 364, 385, 487.

CSC 599/799—Selected Topics in Computer Science**CSC 650—Computer Algorithms**

An in-depth study of the design and analysis of computer algorithms. Prerequisites: MAT 334 and CSC 364.

CSC 850—Algorithm Analysis and Data Structures

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, cryptography, and parallel processing. Prerequisites: CSC 364 and 450/650.

CSC 883—Advanced Computer Architecture

Comparison of different architectures and their performance. Parallel computer systems, pipelining techniques, vector processor arrays, multiprocessor systems, data flow machines, and fault-tolerant systems. Preparation and presentation of an in-depth paper on one of the topics discussed in the class. Prerequisite: CSC 483/683 or consent of instructor.

CSC 886—Advanced System Modeling and Simulation

Theory of modeling and simulation, discussion and comparison of techniques, use of various simulation languages to model and analyze real systems. Preparation and presentation of an in-depth paper on one of the topics discussed in class. Prerequisite: CSC 486/686 or consent of instructor.

CSC 890—Special Topics in Computer Science

Topics from selected areas of computer science. Prerequisite: Permission of the instructor.

CSC 895—Directed Study in Computer Science

Directed study under the supervision of a faculty member. Prerequisite: Permission of Department Chair.

CSC 999—Research Project in Computer Science

Research project addressed toward real world problems in computer science. Prerequisite: Permission of Department Chair.

Curriculum (COE)**CUR 851—Principles of Curriculum**

Theory of planning and developing learning experiences appropriate to the needs and interests of children at various levels.

CUR 852—Advanced Seminar in Curriculum Theory

The major curriculum theories through the writings of the theorists themselves. Prerequisite: CUR 851 or equivalent.

CUR 853—Curriculum Design and Evaluation

Multiple theoretical perspectives and practical processes by which curriculum planning, design, and evaluation decisions are made. Students will devise and critique their own plans for developing curriculum projects using one or more of these planning perspectives and processes.

CUR 860—Curriculum for Effective Schooling

Research on conditions that contribute to effective instruction and effective schools. Also the study of teaching that draws upon artistic and everyday decision making.

CUR 864—Forms of Curriculum Inquiry

Major research within the field of curriculum studies, along with an analysis of the varied forms of inquiry used in this research,

includes philosophical, practical, historical, empirical, theoretical, critical, deliberative and action inquiry, among others. Prerequisites: CUR 851 or equivalent, CUR 852.

CUR 868—Contemporary Curriculum Theories

An advanced course on the histories and the works of contemporary leaders in the field of curriculum studies.

CUR 872—Power and Schooling

Competing analyses of power and their relationships to schooling. Topics include structural, poststructural, Marxist, neo-Weberian, feminist, conflict, and/or critical analysis of power and the processes of schooling. Students will read both original writings and interpretive works addressing three or four major theoretical positions on the topic of power. Prerequisite: CUR 851 or equivalent.

Early Childhood Education (COE)**EC 453—Early Childhood Social Studies**

Prepares students for teaching social studies. The goals and definitions related to the early childhood social studies program will be considered. The content of early childhood social studies will be reviewed. Students will become acquainted with appropriate teaching methods, materials, and organizational techniques for providing children with successful learning experiences in social studies. Prerequisites: EC 460 and admission into Teacher Education.

EC 454—Early Primary Practicum

Provides the pre-service teacher with early primary settings (K-1). Students will observe children in a learning situation, plan and teach lessons in those classrooms under the guided supervision and with the evaluative processes of a college staff member and the classroom teacher. Prerequisites: EC 460, admission into Teacher Education and Senior standing.

EC 455—Language Arts for the Young Child

Explores materials and methods of teaching language arts in the early childhood classroom consistent with theories of growth and development. Special attention to nature and functions of language and to providing special instruction to the "linguistically different" child. Prerequisites: EC 460 and admission into Teacher Education.

EC 457—Mathematics Approaches for Young Children

The role of mathematics in the education of elementary school children, with emphasis on the understanding of curriculum content, current trends in teaching, use of appropriate teaching materials, planning for instruction and evaluation of instruction. Gives the prospective teacher understanding of how children learn mathematics and have at his/her disposal methods which will facilitate this process for each child. Prerequisites: Math 151, EC 460 and admission into Teacher Education.

EC 460—Early Childhood Curriculum

Introduction to the components of the early childhood education (P-5) curriculum and current practices in the elementary school. Emphasis on how schools might implement a developmentally appropriate program that includes all curriculum areas. The goals and philosophies of educational programs for young children. The ability to write instructional objectives and lesson plans. Attention will be given as to how the goals and objectives of an educational program influence the curriculum and the organizational patterns of classrooms. Prerequisites: FED 251 and FED 260.

EC 463—Science in the Elementary School

Methods of teaching science in the elementary school. Activities that foster the: development of process skills, integration of the use of the computer in the science classroom, familiarity with current science resources, familiarity with models of instruction, aware-

ness of various curriculum content areas designated by national, state and local groups, and the importance of science in social and environmental issues. Prerequisites: EC 460 and admission into Teacher Education.

EC 464—Creative Arts for Children

Combines elements of the fine arts—music, art and drama—to provide teachers of grades P-8 with a cumulative sequence of experiences that will foster continuous growth in their understanding, skills and knowledge. Appropriate methods and materials will be emphasized for teaching specific learning in each of these areas. Prerequisites: EC 460 and admission into Teacher Education.

EC 466—Integrating Children’s Literature into the Early Childhood Curriculum

For the pre-service and/or in-service teacher who has not taken previously a course in children’s literature. Foci include becoming acquainted with the selection of literature, print and non-print, incorporating literature into the curriculum and guiding children’s reading for a lifetime habit. Prerequisites: EC 460 and admission into Teacher Education.

The Early Childhood Block

Early childhood majors are required to schedule a block of thirteen hours concurrently: EC 461, EC 462, EC 437. Prerequisites: EC 460, admission into Teacher Education and senior standing or permission.

EC 461—Early Childhood Methods

One of three courses included in the Early Childhood Block, this one facilitates the study of techniques of teaching appropriate for young children. A major emphasis is the planning of a portfolio teaching unit. Prerequisites: EC 460 and Admission into Teacher Education, senior standing or permission.

EC 462—Senior Seminar

Provides early childhood education majors an overview of the principles of classroom organization and management, assessment in the primary grades, and school law for the practitioner. One of three courses in the “Early Childhood Block.” Prerequisites: EC 460 and Admission into Teacher Education, senior standing or permission.

EC 437—Laboratory School Participation

Part of the “Early Childhood Block,” this course provides early childhood education majors with observation, planning, teaching and evaluation experiences in a classroom setting. Prerequisites: EC 460 and Admission into Teacher Education, senior standing or permission.

EC 491—Student Teaching

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. Prerequisites: Completion of teaching field and admission to student teaching.

EC 664—Creative Arts in the Elementary School

Combines music, art, and creative dramatics to provide teachers in grades K-8 with a cumulative sequence of experiences that will foster continuous growth in their understanding, skills, and knowledge. Program emphasis on the utilization and integration of fine art skills into the elementary school curriculum.

EC 753—Advanced Methods in Early Childhood Social Studies

Methods and materials used in teaching social studies concepts and skills at the early childhood level. Stresses the components and theoretical foundations of the early childhood social studies program and the ways in which social studies can be integrated into the early childhood curriculum. Prerequisite: EC 453.

EC 755—Development of Language and Literacy in the Young Child

For the graduate student in the teaching of reading and language arts. Attention will be given to strategies of instruction consistent with theories of growth and development. Prerequisite: EC 455.

EC 757—Advanced Methods in Early Childhood Mathematics

An extension of the knowledge base necessary to provide a firm foundation for mathematics instruction to the K-4 child. Emphasis will be on problem solving, mathematical reasoning and communication, and the use of technology when delivering instruction. Prerequisite: EC 457.

EC 763—Advanced Methods in Early Childhood Science

An extension of the under-graduate science methods course. Students are given the opportunity to reinforce basic science knowledge as well as enhance current teaching strategies. Prerequisite: EC 463.

EC 791—Special Topics in Early Childhood Education

This course is designed to promote specialized training appropriate to the needs of in-service school personnel. Attention will be given to a range of specific problems as they reach special significance in local school systems.

EC 851—Problems in Social Studies

For Early Childhood teachers as an in-depth study of social studies curriculum. The current status, rationale, and goals for social studies will be investigated. The bases on which curricular and instructional decisions should be made will be discussed in conjunction with the content of social studies. Encourages independent investigations and cooperative learning. Prerequisite: EC 753.

EC 852—Problems in Arithmetic

Methods and materials used in helping children develop number concepts and understand basic computation. Stresses how to develop varied experience for slow and accelerated learners, identify pupils with unusual aptitude for arithmetic learning, and motivate interest in problem solving. Prerequisite: EC 757.

EC 853—Problems in Language Arts

Focuses on the research related to identification of and solutions for problem areas in the teaching of language arts in early childhood. Prerequisite: EC 755.

EC 854—Organization and Supervision of Early Childhood Education

Special attention on programs for five-year-old children.

EC 855—Seminar in Early Childhood Education

Integration of educational theory with material drawn from contemporary research, includes a study of the philosophy behind basic teaching methods in early childhood education. Prerequisite: Completion of 40-45 hours of graduate study.

EC 856—Practicum in Kindergarten

The elementary education faculty will be responsible for instruction, experiences, and seminars. The faculty will, when cooperation permits, involve the graduate students in nursery school participation and in the seminar FCS 433.

EC 857—Early Childhood Advanced Seminar and Field Study
Enables students to research, design, organize and report an instructional improvement project implemented in grades K-4 (open to Early Childhood Ed.S. students only). Prerequisites: EDR 761 and EDR 852.

EC 858—Organizing Elementary Instructional Supervision
An introductory study of the nature of supervision, functions of the supervisors in the elementary schools, and techniques of supervision applicable to the elementary school.

EC 875—Multimedia Approach to Children's Literature
For the graduate student who has a background of children's literature, the course is intended to update the student's knowledge of children's media, both print and non-print; provide for more in-depth study of literature; and to focus on the development of literacy for the classroom. Prerequisite: EC 466 or permission.

EC 880—Supervising the Classroom Teacher
Enables the supervising teacher to demonstrate, in a classroom setting, a mastery level of skill performance related to the supervisory function. To receive credit, the course participant must have a student teacher while enrolled in this course. Prerequisite: EDL 779.

EC 892—International Study of Early Childhood Education
Students explore how early childhood/elementary education is provided in another country through travel abroad. Curriculum components, theoretical perspectives, instructional materials and methodologies, and comparative issues and trends are investigated through discussion, observation, and participation in classrooms. Special sessions are held with educators from the country being examined. Prerequisite: Permission of instructor.

EC 893—Directed Individual Study
In-depth investigation of independent research or the application of an action research project. The results are usually presented in written form reflecting library research, applied research, and methodology related to a college setting. Prerequisite: Permission of instructor.

EC 894—Workshop in Science for Elementary Teachers
Limited to ten hours credit.

EC 897—Whole Language
The whole language philosophy. Instructional strategies which integrate the language arts, i.e., reading, writing, listening, speaking as well as thinking skills, across all curriculum areas.

Economics (COBA)

ECO 250—Principles of Economics I

- Introduction to economic analysis and policy. The market economy, with emphasis on the determinants of national income and the level of employment; money and banking; and economic fluctuations and growth.

ECO 251—Principles of Economics II

- Analysis of economic activity from the viewpoint of the individual and the firm, pricing and output under various market conditions, and resource pricing and employment. Economic analysis applied to a wide range of contemporary issues.

ECO 260—Basic Economics

- A one-quarter survey course designed for non-business majors to develop an understanding of economic concepts and policies to aid in the analysis of economic problems. Both the areas of macro- and micro-economics.

ECO 350—Government and Business

A survey of public policies which most directly affect the operations of individual firms and industries with emphasis on policy setting, regulation and public enterprise. Prerequisite: ECO 251 or consent of the instructor.

ECO/PHI 351—History of Economic Thought

The development of modern economic analysis as evidenced in the writings of prominent economists with attention to the historic and philosophic context. Prerequisite: ECO 250 and 251, or ECO 260, or consent of the instructor.

ECO 352—Managerial Economics

Microeconomics and its application to decision-making and policy formulation in the business firm; demand and supply analysis, price procedures, market structure, and case studies. Prerequisite: ECO 251.

ECO 353—Money and Banking

Money, credit, and banking with emphasis on factors influencing the quantity of money and effects on employment, prices, and output. Economic analysis of banking and monetary policy. Prerequisite: ECO 250 and 251, or ECO 260.

ECO 354—Labor Economics

Wage and employment determination in the labor market. Topics include discrimination, human capital and education, efficiency wage theory, labor unions, and income equality. Prerequisite: ECO 250 and 251.

ECO 355—Agribusiness Analysis

How agribusiness firms make decisions, analysis of the profitability of those decisions, and development of appropriate cash flow budgets. Prerequisite: ECO 250 and 251.

ECO 356—Global Economic Problems

International trade, finance, and development. Free trade, barriers to trade, foreign direct investment, exchange rates, capital mobility, economic growth patterns, and technological change. Current worldwide economic problems. Prerequisite: ECO 250 and 251, or ECO 260.

ECO 357—Economics of Property Rights

The most modern approach to economic analysis which examines the incentives produced by prevailing property rights structure within our society and their affect on economic behavior and decision-making.

ECO 358—Agricultural Markets and Price Analysis

Agribusiness firms production and capital acquisition decisions given market structures and prices for goods, services, and capital. Capital budgeting techniques, hedging through securities and commodities, and forecasting. Prerequisites: ECO 250 and 251.

ECO 359—Analysis of the Aggregate Economy

The forces which determine the level of income, employment, inflation, interest rates, and output with particular attention on the effects of government monetary and fiscal policy. Prerequisites: ECO 250 and 251, or consent of the instructor.

ECO 374—Farm Management

The tools available for agricultural decision making, acquisition and organization of the factors of agricultural production, and efficient management of the organized farm. Prerequisite: ECO 250 and 251.

ECO 451—Economic Development

Economic analysis of growth patterns and technological change in developing countries. Emphasis on macro aspects of development planning and strategy. Prerequisite: ECO 250 or ECO 260.

ECO 452—Comparative Economic Systems

A critical and analytical study of different solutions to the problems of production, distribution and growth in the major market and command type economies. Introduction to Marxian economic theory. Prerequisite: ECO 250 and 251, or ECO 260.

ECO 453—Transportation Economics

A basic understanding of economics as applied to transportation. The economic theories of transportation and location of economic activity, the history and current status of government regulation of transportation activities, and empirical analysis of the actual behavior of the transportation industries. Prerequisites: ECO 250 and 251, or ECO 260.

ECO 456—Introduction to Econometrics

Students are introduced to special topics in mathematical statistics requisite to understanding econometrics and its application. Special emphasis attached to demand, production, and cost analysis. Prerequisite: ECO 250 and 251.

ECO 457—Agricultural Policy

The causes, nature, and effects of government participation in agriculture. Emphasis on the formulation and administration of agricultural policy and the role of various interest groups in each of the major agricultural product markets. Prerequisite: ECO 250 and 251.

ECO 458—International Economics

An in-depth examination of the theory, policy, and current issues of international trade and exchange rate systems. Topics will include trade barriers, forces of economic integration, foreign exchange markets and exchange rate analysis under different exchange rate systems. Prerequisites: ECO 250, 251, and 356, or consent of the instructor.

ECO 485—Public Finance

The facts and theories of American public finance; expenditures, revenues, fiscal administration; intergovernmental fiscal relations, government borrowing, and fiscal policy. Prerequisite: ECO 250 and 251.

ECO 596—Special Problems in Economics

Independent study and research in selected areas of economics under supervision of a member of the faculty. Prerequisite: consent of the instructor.

ECO 599—Internship in Economics

Allows upper division students in economics an opportunity to receive practical experience in their chosen field of study. Prerequisite: Junior-Senior standing and prior approval of department chair.

ECO 760—Economics in a Dynamic Society

Basic economics for elementary and secondary teachers. Topics include monetary and fiscal policy, current economic issues, and examination of economic markets and the free enterprise system.

ECO 765—Practical Applications of Economics

The application of economic concepts to decision making by individuals, firms and governments. Emphasis is on survey and development of materials and resources for promoting economic understanding.

ECO 796—Special Problems in Economics

Independent study and research in selected areas of economics under supervision of a member of the faculty. Prerequisite: Consent of the instructor, chair, and advisor.

Business Education (COE)**EDB 251—Beginning Keyboarding**

A beginning course incorporating basic keyboarding skills and techniques of learning successful touch keyboarding. Introduction to business letters, forms, tables and short reports; proofreading skills, punctuation and word division and acceptable material arrangement. Significant individual time in a keyboarding lab will be required. Open to business education majors and nonmajors.

EDB 351—Intermediate Keyboarding

The application of skill to letter arrangements, composition of letters at the keyboard, business forms, tabulated reports and manuscripts are stressed. Speed and accuracy in keyboarding are further developed. Learning to work without constant direction is also emphasized. Significant individual time in a keyboarding lab will be required. Prerequisites: Admission into Teacher Education and EDB 251 or equivalent.

EDB 450—Word/Information Processing

The history, concepts and definition of word processing. The evolution of the information processing cycle from the traditional office through the automated office will be studied. Students will be introduced to and will use various kinds of word processing application software. Prerequisites: Admission into Teacher Education and EDB 251 or equivalent.

EDB 451—Office Procedures

For students preparing to teach office procedures at the secondary school level. Emphasis is placed on principles and practices used in transcription, dictation, records management, filing, office management and use of electronic calculator and copying equipment. Prerequisites: Admission into Teacher Education and EDB 251 or equivalent.

EDB 491—Student Teaching in Business Education

Student teaching is a period of guided teaching during which the students, 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 directly in many of the activities which constitute the wide range of a teacher's assigned responsibility. Prerequisites: Completion of teaching field, completion of methods and curriculum, Admission into Teacher Education, and admission to Student Teaching.

Educational Lab Experiences (COE)**EDL 763—Educational Administration and Organization**

Presents to the beginning administrator a knowledge base of the organizational structure, leadership, and personal interaction dimensions that shape and influence America's schools and schooling.

EDL 774—School Supervision

In this initial course in general school supervision, students will gain an understanding of the relationship between supervision and administration, including the role of the principal in educational leadership. The domains of instructional, curriculum, and staff development (including the evaluation of teacher performance) are examined.

EDL 779—Supervisory Skills for Teacher Support Specialists

Participants develop supervisory skills and understandings that support the instructional mentoring process. Emphasis on the supervi-

sion of student teachers and teachers new to the profession. This is the first of a two-course sequence leading to TSS endorsement by the Georgia Professional Standards Commission.

EDL 782—Administration and Supervision of Special Education

Develops the skills necessary to organize, finance, house, equip, staff, supervise and program specialized educational environments and services for exceptional children.

EDL 787—Legal Responsibilities of School Personnel

A basic course in school law; legal rights and responsibilities of school personnel with emphasis on the role of the administrator.

EDL 789—Fiscal and Facilities Management of Schools

Budgeting, purchasing, warehousing, scheduling and time management, records management, physical facilities, planning, maintenance and operation of school facilities.

EDL 790—Supervised Field Experience

The student will do an internship in educational leadership under the direction of a practicing administrator or supervisor. Prerequisite: 25 hours of courses in administration and supervision. The last five hours may be taken concurrently with the internship.

EDL 850—Introduction to Higher Education Administration

Overview of the evolution and organization of American higher education. Examines the dominant philosophical, organizational, managerial themes shaping the nation's system of post-secondary education. Considers historical precedents that shaped the structuring and management of vocational/technical institutes, 2-year and 4-year colleges, and comprehensive universities. Participants will be introduced to the seminal literature that supports advanced study in higher education administration.

EDL 853—Trends in Higher Education

In-depth examination of critical issues confronting American postsecondary education. Intended for individuals preparing to become administrators, policy planners, and faculty at vocational/technical schools, two-and four-year colleges, and comprehensive universities. Engages participants in an analysis of issues/problems confronting a variety of structurally-different postsecondary institutions. Prerequisite EDL/HED 850.

EDL 854—Administration and Governance of Higher Education

Application of organization and administrative theory, with emphasis on higher education policy development. Participants are exposed to the dynamics of modern postsecondary institutions as well as traditional and emerging managerial patterns. The use of contemporary organizational constructs and paradigms enables participants to analyze a variety of contemporary problems and situations in postsecondary institutions. Prerequisite: EDL/HED 850.

EDL 855—Two-year College

An intensive examination of the educational mission of the 2-year postsecondary institution (vocational/technical institutes and community colleges). Emphasizes the philosophical, pedagogical, and organizational underpinnings of 2-year institutions with emphasis on their historical development, student clientele, and educational mission. A problem-centered learning approach is utilized which examines the unique challenge confronting the 2-year institution in the current area. Prerequisite: EDL/HED 850.

EDL 856—Curriculum Leadership

Students will learn the rudiments of effective curricular and instructional leadership; the various dimensions of curriculum im-

provement, decision making, and process; change and innovation; and controversial social issues, concerns, and events in K-12 education as they relate to the curriculum. Prerequisite: Admission to L-6 program or instructor approval.

EDL 857—Financial Management in Postsecondary Education

Examines financial management and budgeting practices internal to postsecondary institutions. 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 comprehensive universities. Prerequisite: EDL/HED 850.

EDL 858—Higher Education and the Law

Explores basic legal precepts and their application in postsecondary institutions, 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.

EDL 862—Administering School Personnel

The personnel functions and responsibilities of school leaders. Students develop skills in forecasting personnel needs; recruiting, selecting, orienting, assigning, developing, compensating and evaluating personnel. Federal and state legal constraints are studied, including affirmative action and collective bargaining.

EDL 863—Leader Behavior in Educational Organizations

Considers major conceptual frameworks for understanding leader (and follower) behavior in educational organizations. Examines competencies required for effective administrative leadership through a consideration of explanatory theories of organizational behavior and the extant research in educational administration. Prerequisite: Admission to L-6 program or instructor approval.

EDL 865—The Principalsip

The student will develop knowledge and skills related to the daily responsibilities and on-the-job performance of the building principal. Prerequisite: Admission to L-6 program or instructor approval.

EDL 868—Public School Finance

The student will develop a knowledge of fundamentals of the financial support and operation of the public schools, including local, state, and federal responsibilities and regulations regarding planning, programming, budgeting, accounting and auditing of school funds. Prerequisite: Admission to L-6 program or instructor approval.

EDL 869—School Public Relations

Students will learn how to establish and conduct positive 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. This practitioner-oriented course emphasizes hands-on activities, simulations, and should be beneficial to all school personnel.

EDL 875—Supervisory Techniques and Practice

Students will learn about clinical supervision and develop skills in the areas of observing and analyzing teacher performance and of conducting conferences with teachers. Each student will also select one of three areas for advanced study: supervisory leadership, staff development, or program evaluation. Prerequisite: L-6 admission and EDL 774.

EDL 881—Evaluation of School Programs

Introduces participants to educational evaluation issues and contains material that is both theoretical and practical in nature. Theoretical construct will be translated into practical situations and the development of strategies for problem-resolution. Emphasis on the administrative application of evaluation theories and designs for use at the classroom, school, and school-district levels. Prerequisite: Ed.S. admission or instructor approval.

EDL 885—Policy Studies in Educational Leadership

Policy making, implementing and evaluating at the school site and school district levels; the skills of policy analysis and policy development; the identification of issues appropriate for policy study in the school district and at the school site; the principal in his or her policy related roles. Prerequisite: Admission to L-6 program or instructor approval.

EDL 888—School Law

An advanced course in school law with special emphasis on case law. Intensive examination is made of state and federal legislation and court cases which have affected elementary, secondary, and higher education.

EDL 890—Advanced Experience

The student will complete a field-experience or internship in educational leadership under the direction of a practicing administrator or supervisor. Prerequisite: Admission to an Ed.S. program.

EDL 892—Special Topics in Educational Leadership II

Group study of selected topics in educational administration, supervision, or curriculum for pre-service and in-service administrators and supervisors.

EDL 893—Directed Individual Study in Administration and Supervision

The student will carry out an individual study in educational administration or supervision.

EDL 894—Directed Research in Educational Leadership

The student will carry out a research project in educational leadership and write a report of the results of the research. Prerequisite: EDR 852 or equivalent.

EDL 970—Advanced Administrative Theory Seminar

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 theoretic and a theoretic knowledge in applicable ways. Prerequisite: Ed.D. admission.

EDL 971—Decision Making and Problem Solving Seminar

Participants discuss and analyze problem solving and decision-making models to improve their skills in these areas. Initial emphasis is on a detailed critique of various rational-systematic problem-solving models (e.g., systems analysis, operations research, force field analysis, statistical, and policy sciences approaches). Students will be required to identify and develop solutions to real problems in actual school settings, and delineate techniques for assessing the consequences of their decision alternatives and decision outcomes. Prerequisite: Ed.D. admission and EDL 970.

EDL 972—Administrative Leadership Seminar

Integrates knowledge from previous seminars. Students apply multiple strategies and frames for understanding and interpreting indi-

vidual and organizational behaviors of administrators. Connections between what participants know about administrative theory and problem solving and decision making will be analyzed to explain why some leader styles are more productive than others. Strategies and processes educational leaders use in developing and maintaining a current awareness of the status of their respective organizations are carefully considered. Prerequisites: Ed.D. admission and EDL 790 and 791.

EDL 986—Advanced Field-based Research

Final course in the two-year guided inquiry sequence supporting the preparation and oral defense of the participant's dissertation prospectus. Full prospectus is completed with the advice and approval of the committee chair. Based on preliminary field work and discussions with their supervising committees, students develop and orally defend their dissertation prospectuses. The approved prospectus forms the "contract" for the dissertation study. Prerequisites: Completion of all content, cognate and inquiry course sequences in Ed.D. program.

EDL 990—Dissertation Research

Terminal course in the doctoral program which interfaces with all prior content, cognate, and inquiry course work. EDL 990 provides students with structured access to their supervising committee chairs and progressively to their supervising committees while working on dissertation-related activities. Students must have completed all group-executed field-inquiry activities and successfully defended their dissertation prospectus. May be taken for five credits per quarter up to the required minimum of ten credits.

Educational Psychology (COE)**EDP 668—Classroom Behavior Management (See EXC 668).**

Initiates the classroom instructor in basic procedures for classroom behavior organization using behavior modification techniques based on instructional objectives as well as instructional techniques designed to meet the needs of group and individualized instruction.

EDP 791—Special Problems in Educational Psychology

Promotes specialized training appropriate to the needs of in-service school personnel. Attention will be given to a range of significant problems in local school systems.

EDP 850—Techniques of Evaluation for Teachers

Focuses on selection and construction of evaluation instruments appropriate for use in elementary and secondary schools, the application of basic principles of measurement for group and individual assessment, and the use of evaluation results to make sound educational decisions.

EDP 854—Behavioral Management of Children with Disorders

The management of behavioral problem children, including (1) symptoms, (2) referral and diagnosis, (3) treatment, remediation and management of children with behavioral disorders.

EDP 855—Orientation to School Psychology

For majors in school psychology. A study will be made of the development of school psychology, its present status and its trends. The professional responsibilities of the school psychologist will be explored.

EDP 856—Practicum in School Psychology

Actual 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. Prerequisites: Admission to School Psychology Program and proof of professional liability insurance coverage.

EDP 858—Individual Testing in the Schools I

For students in school psychology, provides experience in administration and interpretation of individual psychological tests for educational purposes. Includes report writing. Prerequisites: EDR 751, EDP 862, and consent of the instructor.

EDP 859—Individual Testing in the Schools II

Provides the professional level student with competency in the administration, scoring and interpretation of individual tests of intelligence as well as personal and social adjustment. Limited enrollment. Prerequisites: EDP 858 and consent of instructor.

EDP 862—Interpretation of Psychoeducational Tests

Fosters accurate interpretation of individual educational and psychological test results to produce appropriate instructional approaches for children with learning and behavioral problems. Prerequisite: Permission of instructor. (This course may not be taken by students who have received credit for CED 862.)

EDP 865—Educational Testing and Individual Analysis

Cognitive and affective test and non-test instruments and techniques used for individual analysis in guidance and in educational psychology and for instructional and administrative purposes. (This course may not be taken by students who have received credit for CED 865.)

EDP 866—Personality Assessment in Schools

The administration, scoring and interpretation of personality assessment instruments used in educational settings. Prerequisites: EDP 858, EDP 859, admission to the Ed.S. program in School Psychology, and permission of instructor.

EDP 867—Development Through the Life Span

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 educational and related settings. (This course may not be taken by students who have received credit for CED 867.)

EDP 871—Vocational Assessment of Special Needs Students

Provides students with the knowledge and skills to select, administer, and interpret instruments which sample vocational interests, aptitudes, and development. Emphasis on the evaluation of handicapped and disadvantaged students. Prerequisite: Permission of instructor. (This course may not be taken by students who have received credit for CED 871.)

EDP 873—Consulting in Educational Settings

Helps professionals influence educational change and benefits students and faculty through application of consultation techniques. Participants examine consultation theories and will develop skills to analyze educational environments and to foster positive changes in them. Prerequisite: CED 852 or equivalent.

EDP 893—Directed Individual Study

An extension of the research consumer skills of Educational Research 851 into an opportunity for application to an independent or action research project. The results are usually presented in written form reflecting the content of library research and applied research methodology related to the school.

EDP 894—School Psychology Internship

Supervised field experience in school psychology is provided to include comprehensive child study, teacher and parent consultation and in-service participation. All experiences are planned individually with each student. Enrollment is limited to Ed.S. level School Psychology students with proof of professional liability insurance coverage. Variable credit to fifteen quarter hours.

EDP 895—Action Research in Education

Action research skills are needed by consultative and supervisory personnel in education. Each student will prepare a comprehensive research proposal related to a practical problem in education. Selected proposals may be implemented and reported in a comprehensive format. Variable credit up to a maximum of fifteen quarter hours.

Educational Research (COE)**EDR 751—Educational Research**

An orientation to research methods, problems, and procedures in historical, descriptive, experimental, survey, and developmental studies; criteria for evaluating research; and the communication of research findings.

EDR 761—Introduction to Statistics in Education

Orientation to statistics; principles and methods of descriptive statistics; central tendency, the normal curve, standard scores, variability, correlation; introduction to statistical inference; sampling, Chi-squared, simple analysis of variance; introduction to non-parametric methods. Applications to educational research. Prerequisite: EDR 751 or permission of instructor.

EDR 852—Field-based Educational Research

Develops research skills and related competencies in the planning, conducting and reporting of field-based research. Prepares students who expect to complete an independent study or thesis as part of their graduate program. Prerequisite: Admission to Ed.S. program and EDR 761.

EDR 865—Applied Inferential Statistics in Education

Inferential statistics, with emphasis in sampling techniques, analysis of variance and covariance, multiple regression and non-parametric statistics. Prerequisite: EDR 761.

EDR 866—Experimental Design

The designing, conducting and analyzing of educational research projects using techniques related to formal analysis two and three way ANOVA, MANOVA, and post hoc testing. Prerequisite: EDR 865 or consent of instructor.

EDR 869—Qualitative Research Methods

Overview of three unobtrusive/nonreactive research methods: content analysis, the analysis of existing statistics, and historical/comparative analysis. Content analysis will consider an aggregate of social artifacts and typically written documents. Analysis of existing statistics will build upon unobtrusive or nonreactive methodologies originally developed by Durkheim and Stouffer. An examination of methods of historical/comparative analysis includes field observation and the analysis of historical records. Prerequisites: EDR 751 and EDR 761.

EDR 873—Individual Student Appraisal: Measurement/Testing Issues for Teachers

A teacher-oriented study of issues and methods for student assessment in the cognitive, affective, and psychomotor domains. Focus will be on the design, development, and improvement of teacher-made tests, selection and interpretation of standardized tests of ability and achievement (both norm and criterion-referenced), as well as alternative assessment strategies. Assessment of higher-order cognitive skills, the role of technology in assessment, and testing standards and practices. Prerequisites: EDR 751.

EDR 881—Computer Analysis and Presentation of Data

An introduction to the use of micro and main-frame computer packages to produce statistics and graphics for data-based conclusions and presentations. The course will use SAS, SPSS, STATPRO, CRUNCH, and STATWORKS computer packages. Students will

experience by assisting faculty and other graduate students with analyses. Prerequisites: EDR 852, EDR 854 or equivalent and a prior course or working knowledge of computers.

EDR 893—Independent Study or Internship

Students will complete a substantial individual research project or research experience. Concentration on data collection, data analysis and presentation to a target audience; exact topic and setting are determined through direct consultation with research faculty. Prerequisite: EDR 852, EDR 865 or permission of instructor.

EDR 895—Doctoral Research Methods

First course in the doctoral inquiry sequence. Participants engage in an applied research project that updates their understanding of research procedures (hypothesis generation, sampling theory, instrument construction, methodology, tests and measurements, and description and inferential statistics). “Hands-on” application of advanced inquiry skills prior to enrollment in EDR 865, EDR 869, and EDL 986. Prerequisite: Doctoral admission.

Educational Technology (COE)

EDT 430—Instructional Technology for Middle and Secondary Schools

An introduction to the effective uses of instructional technology. Students will select, produce, and utilize media materials for planned teaching units. Correlates with middle grades and secondary education pre-service experiences. Prerequisite: Admission into Teacher Education.

EDT 450—Introduction to Instructional Technology

Introduces students to computers, video, and other audio-visual media as tools of instruction in the classroom. A systematic approach to selecting, producing, and utilizing various instructional technologies. Prerequisite: Admission into Teacher Education.

EDT 460—Instructional Technology for Exceptional Child Education

An introduction to the effective uses of instructional technology for Exceptional Child majors. A systematic approach to selecting, producing, and utilizing various instructional technologies, emphasis on the instructional uses of the computer. Correlates with the Exceptional Child pre-service experience. Prerequisite: Admission into Teacher Education.

EDT 591/791—Special Topics in Educational Technology

Promotes specialized training appropriate to the needs of in-service personnel. Attention to a range of specific problems as they reach special significance in local school systems.

EDT 750—Selection and Utilization of Instructional Media

Covers applications of instructional media and technology to the teaching-learning process. The systematic approach to the design of instruction and the communicative uses of media and technology.

EDT 752—Classification and Cataloging

The principles of organizing and cataloging the collection of book and non-book materials. Includes the use of technology in the cataloging and processing phases.

EDT 753—Reference and Information Sources

Provides a working knowledge of standard reference works and associated information technology.

EDT 755—Collection Development

An overview of the processes and procedures associated with developing, maintaining, and evaluating the school media collection. Emphasis on analyzing materials relative to instructional objectives.

EDT 757—Organization and Administration of the Instructional Media Program

An introduction to the functions of the instructional media center and the various roles of the media specialist. Planning and development, budgeting, facility design, and public relations.

EDT 759—Introduction to Instructional Design and Development

An introduction to systems theory as applied to the design of instruction. Principles of systems theory in the context of the design, selection, and utilization of instruction and instructional materials.

EDT 762—Production of Instructional Media

Basic techniques are provided through direct laboratory experiences in the design and preparation of instructional materials. Experiences include mechanical and electronic technologies.

EDT 763—Photography in Education

The development of specific photographic techniques for instructional objectives.

EDT 767—Video in Education

Covers the utilization of video technology in the curriculum. Emphasis on planning and producing video lessons.

EDT 780—Applications of Computers in Education

An introduction to the use of the computer in the instructional process and as a medium of instruction. Prerequisite: Permission of instructor.

EDT 789—Computers in the Content Areas

Using the computer as an “instructional tool” in the classroom. Prerequisite: EDT 780 or permission of instructor.

EDT 790—Practicum in Educational Technology

Students are assigned specific experiences in a media technology program. Prerequisite: Permission of department.

EDT 859—Advanced Instructional Design and Development

An advanced application of systems theory to the design of instruction. Needs assessment and program evaluation. Analysis of systems theory components determine appropriate applications for differing systems given various instructional settings. Prerequisite: EDT 759.

EDT 866—Interactive Video

The development and production of interactive video lessons. Both interactive video-tape and video-disk will be used. Prerequisite: EDT 780 or permission of instructor.

EDT 873—Advanced Media Management and Supervision

Management and supervisory techniques and their application to the instructional media program. Includes management by objectives, staff development, needs assessment, and processes for change through the supervisory role of the media specialist. Prerequisite: EDT 757.

EDT 881—Advanced Applications of Computers in Education

A continuation of and elaboration on EDT 780. The effective utilization of the computer in the instructional process. Prerequisite: EDT 780 or permission of instructor.

EDT 888—Educational Computing for School Leaders

An overview of the role of computers in education for administrators and/or supervisors. Computer applications as they relate to specific teaching/learning operations and educational functions. Prerequisite: EDT 780 or permission of instructor.

EDT 892—Seminar in Educational Technology

Provides the advanced students an opportunity to identify problems, share information, and compare approaches to effect solutions.

EDT 893—Directed Individual Study

The student will carry out an individual study in educational technology. Prerequisite: By permission of instructor.

EDT 894—Field-based Research in Educational Technology

The student will carry out an individual study in educational technology. Prerequisite: EDR 852.

Electrical Engineering Technology (COST)**EET 210—Introduction to Electrical Engineering Technology**

An introduction to electrical engineering technology with elementary digital logic, and an introduction to laboratory equipment, measurements and technical report writing. One three-hour lab. Prerequisite: MATH 166 Calculus I.

EET 350—Circuit Analysis I

An introduction to basic circuit analysis including DC and AC circuits, network theorems and Kirchoff's Laws. Course is designed for and restricted to engineering technology majors. Non-majors may be admitted only with the instructor's approval. Four single lectures and one three-hour lab period. Prerequisite: PHYS 252, EET 210, and MAT 167.

EET 351—Electronics I

An introduction to basic solid state devices including diodes, BJT's and FET's and their applications in rectifiers, amplifiers and power supplies. Four single lectures and one three-hour lab period. Prerequisite: EET 350.

EET 352—Programmable Controllers

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. Four single lecture periods and one three-hour lab period. Prerequisites: EET 350.

EET 353—Circuit Analysis II

A continuation of EET 350. AC Power, Polyphase Circuits, Transformers, Resonant Circuits, LaPlace Transforms in Circuit Analysis, Transfer Functions, Fourier Analysis. Four single lecture periods and one three-hour lab period. Prerequisite: EET 350 and Math 264.

EET 354—Electronics II

A continuation of EET 351. Small signal amplifiers, power amplifiers, operational amplifiers, multistage amplifiers, feedback amplifiers, oscillators, tuned amplifiers, and regulated power supplies. Four single lecture periods and one three-hour lab period. Prerequisites: EET 351 and EET 353.

EET 360—RF Amplifier Design

An introduction to modern techniques for RF amplifier design. Lumped element circuits in the frequency range 1- 1000 Mhz, RF amplifiers, oscillators and mixers, and RF receivers. Four single lecture periods and one three-hour lab period. Prerequisite: EET 351.

EET 399—Selected Topics in EET

Electrical engineering technology course topics not generally offered by the department. One to 15 credits.

EET 420—Advanced Instrumentation

Various types of oscilloscopes, logic analyzers, data acquisition methods, spectrum analyzers, and instrumentation interfaces. One hour lecture and one two-hour lab. Prerequisite: EET 462 and Senior standing.

EET 450—Industrial Electronics

Industrial applications of electronic devices including SCR's, Triacs, switching circuits, timers, motor controls, and optical devices. Four single lecture periods and one three-hour lab period. Prerequisite: EET 351 and EET 353.

EET 451—Rotating Machines

DC and AC (single and polyphase) motors and generators, energy converters and transformers. Four single lecture periods and one three-hour lab period. Prerequisite: EET 353.

EET 452—Electrical Distribution

Electrical power distribution, primarily the National Electrical Code-residential and industrial, with emphasis on services, feeders, branch circuits, metering, voltage drops, sizing of conductors, demand limiting, etc. Four single lecture periods and one three-hour lab period. Prerequisite: EET 451.

EET 456—Digital Circuits

Basic asynchronous and synchronous logic circuits. Topics include logic functions, Boolean operations, logic families, combinational logic, flip flops, counters, registers, and memory systems. Four single lecture periods and one two-hour lab period. Corequisite: EET 351 or permission of the instructor.

EET 457—Communications Electronics

Devices and circuits within modern electronics communications systems. Basic RF transmission and receiving systems, antennas, audio signal processing, and other selected topics are included. Four single lecture periods and one three-hour lab period. Prerequisite: EET 354.

EET 458—Microcontrollers

Operation and application of 8051 Microprocessor. Micro-processor architecture, memory, peripheral devices, interfacing and microprogramming. Four single lectures and one two-hour lab period. Prerequisite: EET 456 or permission of instructor.

EET 459—Control Systems

An introduction to feedback control theory including block diagrams, transfer functions, stability properties of feedback, and classical design methods. Five lecture periods. Prerequisite: EET 353.

EET 462—Operational Amplifiers

An introduction to operational amplifiers, including ideal amplifiers, basic feedback structures, opamp characteristics, regulators, filters, and non-linear circuits. Four single lecture periods and one two-hour lab period. Prerequisite: EET 351.

EET 465—Electronic Engineering Technology Senior Project

Individually applied "Product Design and Build" project that includes specifications, scheduling, computer-aided engineering and design (CAE/CAD), printed circuit board fabrication and performance testing. Other requirements are weekly progress reporting, oral presentations, and a comprehensive written report. Two double lecture periods and one two-hour lab period. Prerequisite: Senior Standing in EET.

EET 477—Fiber Optic Communications

Fiber optic technology as applied to communication systems. Study of various types of optical fibers, laser and LED, photodiodes, optical connectors and optical systems. Five lecture periods. Prerequisite: EET 354 or permission of instructor.

EET 490—Directed Independent Study

An individualized study involving research and applications pertaining to electrical engineering technology. Credit 1-5 hours. Prerequisites: senior standing and definition of the project six weeks prior to registration.

EET 495—Special Problems

Specialized study in areas of electrical engineering technology not otherwise offered in the elective program. May be taken for repeated credit up to 10 hours.

Engineering Studies (COST)**EGR 110—Freshman Engineering Seminar**

Exposes the freshman engineering student to various non-technical aspects of the engineering profession. Careers in engineering, the engineering curriculum, ethics and other professional responsibilities, and other related topics. Required of all freshman engineering studies majors during fall quarter. One single lecture period per week.

EGR 130—Introduction to Engineering

An introductory course for freshmen engineering students. Engineering calculations, analysis, modeling, design, and engineering communications. (ESM 1101)

EGR 141—Engineering Graphics

Fundamental concepts of engineering graphical communications. Projection theory, free-hand sketching, creative design, geometric dimensioning, tolerances, computer-aided design fundamentals, and an introduction to solid modelling. Three single lecture periods and one three-hour laboratory. (EGR 1170)

EGR 142—Introduction to Computing for Engineers

An introduction to computing for engineers with a focus on the design and analysis of algorithms and data structures (not computer programming). Laboratory emphasis on computing resources and their application, including the use of operating systems and the application of standard computer software packages. (CS 1501)

EGR 143—Digital Computation for Engineers

Basic concepts of engineering design for digital computational systems. Function definition, switch and wire design, boolean functions, combinational logic, memory, state machines, sequential logic, and digital arithmetic. (CMPE 2500)

EGR 235—Introduction to Flight

An introduction to the basic concepts of both atmospheric and space flight. The history of flight, atmospheric models, aerodynamics, aircraft and space craft performance; aerospace structure; propulsion systems; stability and control (AE 2350). Text at the level of Anderson, Introduction to Flight.

EGR 251—Engineering Mechanics I: Statics

Fundamental concepts of mechanics; statics of particles; moments and equivalent systems of forces on rigid bodies; equilibrium of rigid bodies; distributed forces - centroids and centers of gravity; analysis of trusses by the methods of joints and sections; analysis of frames and machines; distributed forces - moments of inertia; friction. Georgia Tech equivalent course: ESM 2201. Prerequisite: PHY 261. Corequisite: MAT 264.

EGR 252—Engineering Mechanics II: Dynamics

Kinematics of particles; kinetics of particles - Newton's Second Law Method; Kinetics of particles - Energy and Momentum Methods; dynamics of systems of particles; kinematics of rigid bodies; plane motion of rigid bodies - Newton's Second Law Method; plane

motion of rigid bodies - energy and momentum methods. Text at the level of Beer and Johnston, Vector Mechanics for Engineers. (ESM 3201). Prerequisite: EGR 251.

EGR 341—Elements of Electrical Engineering I

An introduction to basic concepts of circuit elements, circuit models and techniques for circuit analysis. (EE 3200) Prerequisite: PHY 263.

EGR 342—Elements of Electrical Engineering II

Time-domain analysis, ac circuits, two-port and multiport network. (EE 3250) Prerequisite: EGR 341.

EGR 350—Thermodynamics I

An introduction to thermodynamics. Thermodynamic properties, state postulate, work interactions, steady state and transient energy and mass conservation, entropy, and the second law. First and Second law Analysis of Thermodynamic Systems. (ME 3322) Text at the level of Hartley and Black, Thermodynamics. Prerequisites: PHY 262, MAT 264.

EGR 353—Mechanics of Deformable Bodies

Definition and analysis of strain and stress, applications to axially loaded elements, torsion of circular shafts and bending of beams. Introduction to simple plasticity and to column stability. Text at the level of Popov, Introduction to the Mechanics of Solids. (ESM 3301) Prerequisites: EGR 251, MAT 265.

Elementary, Middle Grades, and Secondary Education (COE)**EMS 391—Curriculum and Methods in Art: P-12**

Various curriculum trends and methods for teaching art at the early childhood, middle grades, and secondary school levels. Opportunities for observing, planning and teaching in the early grades, middle grades and secondary school levels. Prerequisites: FED 251, FED 260, and admission into Teacher Education.

EMS 392—Curriculum and Methods in Foreign Language: P-12

Various curriculum trends and methods for teaching foreign language at the early childhood, middle grades, and secondary school levels. Opportunities for observing, planning and teaching in the early grades, middle grades and secondary schools. Prerequisites: FED 251, FED 260, and admission into Teacher Education.

EMS 393—Curriculum and Methods in Health and PE: P-12

Various curriculum trends and methods for teaching health and physical education at the early childhood, middle grades, and secondary school levels. Opportunities for observing, planning, and teaching health in the early grades, middle grades and secondary schools. A field component in physical education will also be provided in a public school classroom. Prerequisites: FED 251, FED 260, and admission into Teacher Education.

EMS 394—Curriculum and Methods in Music: P-12

Various curriculum trends and methods for teaching music at the early childhood, middle grades, and secondary levels. Opportunities for observing, planning and teaching in the early grades, middle grades, and secondary school classrooms. Prerequisites: FED 251, FED 260, and admission into Teacher Education.

EMS 491—Student Teaching

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. Prerequisites: Completion of teaching field, educational foundations, curriculum and methods, admission into Teacher Education, and admission to Student Teaching.

EMS 591—Special Topics in P-12 Programs

The student, under the direction of the instructor, will identify and develop topics relevant to the teaching of art, foreign languages, music or health and physical education. Ample flexibility will be provided regarding instruction and evaluation of course content.

EMS 650—Applied Linguistics for Bilingual/ESOL Teacher

An in-depth study of the major theories of first and second language acquisition and their implications for instruction.

EMS 651—Methods and Materials for Bilingual/ESOL Teacher

The principles, problems, materials, and techniques of teaching second languages.

EMS 652—Teaching for Cross-cultural Understanding

The principles of culture and its link to second language learning as well as problems of teaching in a multicultural classroom.

EMS 654—Curriculum and Methods for P-12 Programs

Current trends and issues in curriculum development with an emphasis on the goals and philosophies of the various disciplines in the P-12 program and the implementation of these goals using a variety of instructional methods to deliver an educationally sound and a developmentally appropriate curriculum to students. A field-based project will be included. Prerequisite: Admission to Teacher Education.

EMS 690—Teacher's Environment and Technology Institute

Taught in conjunction with the College of Technology. (See GT 799) Prerequisite: Permission by formal application.

EMS 691—Georgia Technology Institute for Teachers

Taught in conjunction with the College of Technology. (See GT 799) Prerequisite: Permission by formal application.

EMS 692—Curriculum in Foreign Language Education

The various trends and issues in foreign language curriculum development. Emphasis on the goals and philosophies of foreign language education, the implementation of these goals through the use of appropriate materials and activities and the evaluation of student progress toward those goals using a variety of evaluative instruments.

EMS 696—Internship P-12

A three-quarter sequence of supervised teaching in a P-12 setting. Emphasis is placed on planning, methodology, classroom management, and student evaluation. Prerequisites: Admission to Teacher Education and a Provisional Teaching Certificate.

EMS 750—Teaching Economics in American History

Assists classroom teachers (K-12) in learning economic thinking as a means to improving students' knowledge and critical thinking in history. Emphasis on theoretical considerations as well as classroom applications.

EMS 755—Interdisciplinary Marine Field Studies

An interdisciplinary marine science course for P-12 teachers emphasizing field studies and field activities. A comparison of south-eastern US coastal habitats with tropical, island marine habitats. Marine ecological processes discussed in lecture, lab and field settings. Field work includes coastal Georgia and Caribbean Island settings.

EMS 857—Seminar with Field Study

Opportunity for conducting an action research study. The results are presented in written form reflecting library research and applied research methodology related to school setting. The project is a three quarter sequence. Required for the Ed.S. in P-12 Education. Prerequisite: EDR 761 and EDR 852 and permission of the advisor.

EMS 862—Teaching Social Skills and Values: Character Education

Examines the philosophical basis for character education, the societal needs for values education as reflected in existing social problems, the values education curriculum and student-centered strategies necessary for delivering the curriculum.

EMS 880—Supervising the Classroom Teacher

Enables the supervising/mentor teacher to demonstrate, in a classroom setting, a mastery of skill performance related to effective observation, conferencing and communication skills. To receive credit, the course participant must have a student teacher or intern or be serving as a mentor teacher while enrolled in this course. Prerequisite: EDL 779.

EMS 891—Special Topics in P-12 Programs

Topics relevant to P-12 teaching fields. Prerequisite: Permission of Advisor, Instructor, and Department Chair.

English (CLASS)

ENG 090—Regents' Test Intensive Writing Review

Intensive writing review for the Regents' Test with emphasis on frequent essay writing, individual conferences, analysis of essays, editing skills, and grammar study. Required of all students who have accumulated 75 or more hours without passing the Regents' Test essay. Three hours institutional credit. Not open to ESL students or to students with fewer than 75 hours.

ENG 099 A, B, C, D—Communication Skills

Helps students develop language skills necessary for entering regular college English courses. Emphasizes grammar, sentence structure, paragraph and short theme writing. Because the courses are developmental, a student may exit at the end of any quarter by passing the course and achieving a satisfactory score on the exit examination. Institutional credit only, 5-20 hours.

ENG 120—Grammar and Punctuation Review

A review and reinforcement of basic grammar and punctuation rules. Emphasizes sentence- and paragraph- level writing through skills practice, work sheets, and quizzes and will benefit any student at any level of course work. No prerequisites.

● **ENG 151—English Composition I**

Developing the student's skills in thinking, reading, and writing. Emphasis on reading and understanding prose selections and on writing clear, logical, well-structured essays that are relatively free from serious grammatical faults. Includes a research paper. NOTE: ENG 151 must be completed with a minimum grade of "C" before the student may enroll in ENG 152.

● **ENG 152—English Composition II**

Refining the student's skills in critical thinking, reading, and writing. Emphasis on literary genres and on writing longer essays than those required in ENG 151. Includes a review of the Regents' Test Essay. NOTE: ENG 152 must be completed with a minimum grade of "C" before the student may enroll in ENG 251, ENG 252, or ENG 253.

● **ENG 251—The Human Image in Literature of the Western World I**

Literature from the ancient world of the Greeks, the Romans, and the Hebrews. The concept of the hero and values associated with heroism/courage, duty, fidelity, sacrifice, and loyalty to the community are examined through drama, myth, song, and story. Prerequisites: ENG 151 and 152.

● **ENG 252—The Human Image in Literature of the Western World II**

British and European masterpieces of the Middle Ages and Renaissance, reflecting what the early Christian centuries added to the wisdom of the classical world and anticipating attitudes and values characteristic of the modern world. The pilgrimage, the quest as a form of heroic activity, and the concept of chivalry are examined. Prerequisites: ENG 151 and 152. Five hours academic credit.

● **ENG 253—The Human Image in Literature of the Western World III**

A study of British, European, and American masterpieces of the 18th-20th centuries, when the scientific enlightenment and subsequent changes in technology, education, and politics altered centuries-old traditions and modes of experience. The emergence of the modern hero as a figure at odds with his community and alienated from a "mass society." Prerequisites: ENG 151 and 152.

ENG 262—Women And Literature

Literature by and about women which reflects some of the myths, legends, and social forces molding the female character and affecting both sexes over the centuries. Prerequisite: ENG 151.

ENG 266—Love And Sex in Literature

Novels, short stories, poems, nonfiction prose, and films selected from various times and places to illuminate the range of intimate human relationships. Prerequisites: ENG 151 and ENG 152.

ENG 271—Technical Writing and Presentation

A scientific or objective approach to writing and technical presentation. Students will learn how to write technical papers and other types of practical prose and how to give reports. Prerequisites: ENG 151 and 152.

ENG 290—Introductory Readings in Literature

Four or more works in an area or author chosen by the instructor. The course introduces students to the ways major literature communicates an awareness of human behavior and possibilities. Emphasis is placed on close textual readings, classroom discussions, and short written reactions to the works covered. No prerequisites. Two hours academic credit. (Only six hours of credit will apply to a degree.)

ENG 330—Teaching Writing

An introduction to the theory and practice of teaching writing, including making the writing assignment, pre-writing, revising writing, and evaluating student writing.

ENG/CLT 385—Introduction to Comparative Literature

See CLT/ENG 385 for course description.

ENG 399—Selected Topics in English

ENG 430—Research Projects in English

Qualified English majors may be permitted to carry on independent study and to write an extensive paper based on their research. The project must be recommended by the instructor with whom the student plans to work and must be approved by the chair of the department.

ENG/CAT 444—Drama in Performance

An examination of the relationship between the text, what happens on stage, and its effect on the audience. Using different critical theories, the course explores how the meaning of a dramatic text is constructed in performance and how this process connects the text with the wider world outside the theatre or the university. Prerequisites: Either ENG 251, 252, or 253.

ENG/CLT 485—Seminar in Comparative Literature

See CLT/ENG 485 for course description.

ENG 599—Selected Topics in English

ENG 799—Selected Topics in English

ENG 820—Problems in College Composition

Directed study of the development of rhetorical skills in composition in classroom situations. Required of graduate assistants in English and open to other graduate students in English.

ENG 830—Bibliography and Methods of Research

The world and spirit of literary scholarship, also the language areas, library resources, and techniques. Includes descriptive and analytical bibliography. Helpful in all graduate English courses, but especially aimed toward the writing of the thesis. Oral reports, class discussion, library exercises, and course paper required. Mandatory for all candidates for the M.A. degree in English.

ENG 841—Seminar in Chaucer

Selected topics on Chaucer in the medieval tradition: genres, themes, and influences. Exploration of such topics in Chaucer as love, tragedy, realistic narration, freedom and determinism.

ENG 842—Seminar in Shakespeare

The plays and the poems, with emphasis on the problems of Shakespearian scholarship.

ENG 844—Seminar in Literature of the English Renaissance

The development of modern English prose and poetry. Major figures will be Sidney, Spenser, Bacon, and Donne. All facets of the Renaissance which contributed to the literary achievements of the times.

ENG 845—Seminar in Children's Literature

An advanced study of the historical development of children's literature and the authors involved.

ENG 846—Seminar in Literary Criticism

Acquiring a use of literary criticism's principles and practices in the evaluation and appreciation of the various literary forms.

ENG 847—Seminar in English Romanticism

The Romantic Movement in England, with emphasis on the poetry of Wordsworth, Coleridge, Byron, Shelley, and Keats.

ENG 848—Advanced Composition

An advanced study of the more complex forms and techniques of the essay, with regular reading and writing assignments to develop the student's own writing skills.

ENG 849—Seminar in Special Topics in English

Variable topics.

ENG 941—Seminar in American Romanticism

The works of Poe, Emerson, Thoreau, Hawthorne, Melville, and Whitman.

ENG 942—Seminar in American Realism

The works of Clemens, Howells, James, and their major contemporaries.

ENG 943—Seminar in Twentieth Century American Literature

A consideration through research and discussion of special topics to be chosen by the instructor.

ENG 944—Seminar in British Fiction

Special topics of problems in British fiction, to be chosen by the instructor.

ENG 945—Seminar in the Literature of the Western World I

Research and discussion of a specified subject in classical and/or medieval Western World literature. Four hours credit.

ENG 946—Seminar in the Literature of the Western World II

A consideration through research and discussion of a specified subject in Renaissance and/or modern Western World literature.

ENG 999—Thesis**ENG/CAF 3400—Themes and Patterns in Literature and Film**

A comparative interpretation of themes, ideas, and patterns in selected works of narrative literature and cinema. Also addresses formal distinctions and affinities between literature and cinema.

ENG 3420—Creative Writing: Poetry and Fiction

The writing of poetry and fiction through close analysis of poetic and narrative forms, encouraging students to discover and develop their own styles and strengths. Prerequisites: ENG 151 and 152.

ENG/AS 3450—The American Dream

A survey of the development of the American Dream of freedom, opportunity, and success as depicted in a variety of literary works throughout American history, from the writings of the earliest European explorers to those of contemporary American authors.

ENG 3451—English Literature

A survey of English literature from Beowulf to the Romantic Movement.

ENG 3452—English Literature

Continuation of 3451. A survey of English literature from the Romantic Movement to the modern period.

ENG/AS 3461—American Literature

A survey of American literature from the beginning to 1865.

ENG/AS 3462—American Literature

Continuation of 3461. A survey of American literature from 1865 to the present.

ENG/AAS 3463—African-American Literature

A survey of African-American literature from its beginnings to the present, focusing on important movements, genre, and themes.

ENG 3470—Business and the Professions in Literature

Fiction, drama, and poetry that treat the business and professional life. The approach is broadly cultural and ethical. An important part of the course is the work done with students to help them improve their writing.

ENG 3473—Writing in the Workplace

Prepares students from all disciplines to be effective communicators in their chosen professions. Students learn to write and prepare a variety of documents, including memos, letters, reports, proposals, critical studies, and recommendations.

ENG 4400—Children's Literature

A survey of children's stories and poems that have literary value with special attention to "classics" and to those literary types, works, and trends taught in elementary and secondary school.

ENG 4410—Shakespeare: The Major Comedies and Histories

An intensive study of ten plays. The reading of a reputable biography of Shakespeare, an oral report and a course paper are also required.

ENG 4411—Shakespeare: the Tragedies

An intensive study of nine plays and the sonnets. An oral report and a course paper are also required.

ENG 4421/6421—Poetry Writing

A workshop format focuses primarily on the students' own poems. Emphasizes traditional and contemporary use of metrics and forms. Students learn metrical conventions and write poems in both applied forms (sonnet, sestina, villanelle, terza rima) and organic forms (free verse, found poetry, and concrete poetry). Prerequisites: ENG 151 and ENG 152.

ENG 4422/6422—Fiction Writing

A workshop format focuses primarily on the students' own fiction. Emphasizes traditional, contemporary, and experimental approaches to plot, characterization, point-of-view, and other elements of form and content. Students formally evaluate the work of their peers and/or established writers. Prerequisites: ENG 151 and ENG 152.

ENG 4430—Literary Criticism

Literary criticism from Plato to Derrida, with concluding emphasis on the theory, approaches, and techniques of current literary study.

ENG 4431—Senior Seminar

A capstone course which provides the opportunity to discuss and apply knowledge gained through major courses. Students write one major research paper and make an oral presentation. Required of all English majors. Prerequisite: Senior standing.

ENG 4451—Chaucer

The Canterbury Tales and other selected works.

ENG 4452/6452—History of the English Language

Combines the traditional history-of-the-language approach with modern linguistic analysis. Emphasis is placed on the changes which mark the evolution of the English language from the Anglo-Saxon period to the present, the nature of the language as it exists today, and the cause-effect relationship between the language and its literature as both evolve through time.

ENG 4453—Advanced Composition

Successful expository and narrative methods, with regular writing assignments emphasizing logical organization of thought and effective composition.

ENG 4460—The English Romantic Poets

A reading of major poems, selected prose, and selected letters of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. A course paper is required.

ENG 4461/6461—Drama to Ibsen

Representative works of dramatic literature of the western world from Aeschylus through Scribe, excluding English drama.

ENG 4470/6470—Poetry and Prose of the English Renaissance

The work of the major poets and prose writers of the English Renaissance.

ENG 4480/6480—Commonwealth Literature

English literature produced in states which are or were members of the British Commonwealth, including Australia, New Zealand, Canada, India, Pakistan, as well as countries of the Caribbean, and West, East, and Southern Africa.

ENG 5401/7401—Milton and Donne

Milton's and Donne's poetry and prose.

ENG 5402/7402—English Neo-classical Literature

The major writers of verse and prose from Dryden to Johnson. .

ENG 5403/7403—Modern Drama

The major drama from Ibsen to the present, including the work of both Anglo-American and European dramatists.

ENG 5404/7404—Modern British Fiction

The development of the several forms of modern British fiction: the novel, the nouvelle, and the short story.

ENG/RS 5405/7405—The Bible as Literature

The literary dimension of the English Bible. The literary themes, types, personalities, and incidents of the Old and New Testaments.

ENG/AAS 5410/7410—Images in African-American Literature

Recurrent images, issues, and themes in African-American literature through in-depth examination of several works. Writers such as Douglass, Washington, Dunbar, Chesnutt, Wright, Walker, and Morrison.

ENG/WGS 5420/7420—Literature by Women

Classic, contemporary, and experimental writing by women in all genres, with emphasis on the polemical and theoretical bases of and critical approaches to such texts.

ENG 5430/7430—Spirit of Place in British Literature

British literary figures, famous for their evocation of regions, against the background of the environments they wrote about. A ten-to-fourteen-day tour of the English countryside is a part of this course. *Offered summers only.*

ENG 5431/7431—Modern Poetry to 1945

British and American poets and poetry since 1900, emphasis on the more influential, such as Yeats, Pound, Frost, Eliot, and Stevens.

ENG 5432/7432—Contemporary British and American Poetry from 1946 to the Present

British and American poets emerging since 1945, many of whom are living, writing, and shaping the direction of poetry today. Major figures will include such poets as Jarrell, Bishop, Lowell, the Black Mountain poets, the Beat poets, Sexton, Brooks, Wilbur, and Heaney.

ENG 5440/7440—Twentieth-century Irish Literature

Representative fiction, poetry, and drama by 20th century Irish authors. Readings emphasize the way Irish writers have explored the diversity of the Irish experience as it has been influenced by history, culture, politics, and religion.

ENG 5450/7450—English Drama to 1642, Excluding Shakespeare

Representative works, including those of Marlowe, Jonson, Webster, Beaumont and Fletcher, and Ford.

ENG 5451/7451—English Drama from the Restoration to Shaw

Representative works, including those of Dryden, Congreve, Sheridan, Goldsmith, Byron, and Shaw.

ENG 5452/7452—The English Novel

The development of the novel in English through the reading of a selective list of novels which best illustrate the main tendencies in the English fiction of the eighteenth and nineteenth centuries.

ENG 5460/7460—English Medieval Literature Excluding Chaucer

Old and Middle English literature emphasizing the major genres of prose and poetry unique to this period.

ENG/AS 5461/7461—The American Novel

The development of the novel in America, eighteenth through twentieth centuries. A list of works selected to illustrate the major movements in American fiction.

ENG/AS 5462/7462—Southern Literature

A survey of the literary achievements of the South from the Colonial period to the present.

ENG/AS 5463/7463—Colonial American Literature

A detailed study of the poetry and prose of American writers, 1492-1800, with an emphasis not only on emerging American literature but also on the development of a diverse American culture and distinct American identity.

ENG 5470/7470—Contemporary World Fiction

Significant literature from around the world written in the last thirty years. Seeks to illuminate the cultural and literary genius of various peoples as revealed in their great writers. Students read from among North, Central, and South American; Western and Eastern European; African; Asian; and Far Eastern authors.

ENG 5471/7471—Modern English Grammar

The forms and syntax of modern English. Required of all English majors pursuing teacher education.

ENG/ANT/CA 5472/7472—Sociolinguistics

The principles and methods used to study language as a sociocultural phenomenon. Examined both from the linguistic viewpoint—the search for possible social explanations for language structure and use—and the social-scientific viewpoint—analyzing facts about language which may illuminate our understanding of social structures. Additional prerequisites: SOC 150 or ANT 150.

ENG 5475/7475—Victorian Prose and Poetry

The Victorian Period in England, with emphasis on the prose and poetry of major authors.

ENG 5480/7480—Literature for Adolescents

Literature, primarily narrative, especially suitable for adolescents with emphasis on analyzing and evaluating contemporary literature written specifically for adolescents. Furthers the students' mastery of the tools and the practice of literary criticism; broadens their acquaintance with appropriate genres, such as bildungsroman and biography; and enhances their understanding of the cultural and psychological issues of particular importance to adolescents.

ENG 5481/7481—Theory of Composition

A survey of the theories behind the most important issues and components of the teaching of writing, such as composing processes, grammar, modes, grading, basic writing, invention, and style. These theories are tested by direct application to written texts.

English as a Second Language (CLASS)

ESL 093—English as a Second Language I

For students whose native language is not English. Includes listening and speaking skills, reading comprehension with an emphasis on vocabulary development, basic grammar review, writing paragraphs and short papers, and revising and editing skills. Students may be required to take this course for one or more quarters after which they move to ESL 095 or ESL 151, depending on their progress. Ten hours institutional credit.

ESL 095—English as a Second Language II

For students whose native language is not English. Includes group discussion skills, interpretation of short readings, advanced grammar review, writing essays, and revising and editing skills. Students may be required to take this course for one or two quarters after which they will enroll in ESL 151. Five hours institutional credit.

ESL 151—English Composition for Non-native Speakers

For students whose native language is not English. Concentrates on developing the student's skills in thinking, reading, and writing. Emphasis is placed on the reading and understanding of prose selections and on the writing of clear, logical, well-constructed essays that are relatively free from serious grammatical faults. Includes a research paper. Credit for ESL 151 will be accepted in lieu of credit for English 151. Upon completion of ESL 151, the student will enroll in English 152. Five hours academic credit. NOTE: ESL 151 must be completed with a minimum grade of "C" before the student may enroll in ENG 152.

Enrichment Program

EP 121A,B,C—Enrichment Program

A combined activity/seminar course designed to engage students in a broad range of extra classroom intellectual, cultural, and aesthetic events as a regular part of their educational experience. Students may take the course repeatedly, but a maximum of four credit hours may be applied to the 190 minimum for graduation.

Engineering Science (COST)

ES 121—Introduction to Engineering Technology

An introduction to the field of engineering technology. Speakers from different areas of engineering technology practice, individual student presentations on an engineering technology area/project, introduction to problem definition and standard computational techniques, and presentations on professional registration and professional ethics. Two lecture hours.

ES 231—Digital Computation

An introduction to digital computation, designed to acquaint the student with the fundamentals of computing techniques. An appropriate programming language is used. Three single lecture periods. Prerequisite: MAT 151-152 or 165.

ES 251—Statics

Force systems on bodies at rest or in non-accelerated motion; resultants and equilibriums of force systems; centroids and moments of inertia; trusses and frames and machines; friction. Five single lecture periods. Prerequisite: MAT 165 or MAT 152, TD 130, and ES 121.

ES 252—Dynamics

The study of kinetics and kinematics of particles and rigid bodies; work and energy; impulse and momentum as applied to particles. Five single lecture periods. Prerequisites: MAT 167 and ES 251.

ES 253—Strength of Materials

Stress and elastic deformation under axial, torsional, flexural and combined loading, beam deflection; materials testing. Four single lecture periods and one two-hour lab. Prerequisites: MAT 167 and ES 251.

ES 351—Thermodynamics

An introduction to thermodynamics. First and second law analysis of thermal systems. Use of property charts and tables and equations of state in analyzing common thermal processes of technological importance. Four single lecture periods and one-2 hour lab. Prerequisites: MAT 166; Corequisite: MAT 167.

ES 354—Fluid Mechanics

Fundamentals of fluid statics and fluid dynamics; fluid properties, static and dynamic forces, flow losses, flow measurement, closed conduit and open channel flow. Four single-lecture periods and one two-hour lab. Prerequisite: ES 251. Corequisite: MAT 167.

ES 355—Introduction to Electrical Circuits

For non-electrical engineering technology majors. An introduction to AC and DC Electric Circuits with topics in power, rotating machinery, and other areas commonly encountered in Civil, Industrial and Mechanical Engineering Technology. Four single lecture periods and one three-hour lab period. Prerequisite: PHY 263.

ES 399—Selected Topics in Engineering Science

Engineering science topics not generally offered by the department. One to 15 credits.

ES 450—Computer Methods in Engineering Technology

Application of computer methods to problems in engineering technology; used of BASIC and FORTRAN languages on microcomputers for technical problem solutions; DOS, word processor, and spread sheet applications. Prerequisites: ES 231 and senior standing.

ES 495—Special Problems

Specialized study in the area of engineering science not otherwise offered in the engineering technology program. Credit: 5 hours—may be taken for repeated credit up to 15 hours.

Engineering Technology (COST)

ET 750—Advanced Quality Control

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. Prerequisites: MGT 354 or MATH 476 or equivalent statistics course.

ET 751—Advanced Engineering Economy

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. Prerequisite: IET 481 or equivalent.

ET 752—Facilities Planning

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. Prerequisite: IET 451 or permission of instructor.

ET 753—Construction Planning and Administration

An in-depth treatment of the process of developing capital construction projects from the point of conception through preliminary planning and budgeting to final design, contract or selection and finished construction of the desired end product.

ET 850—Manufacturing Systems Analysis

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. Prerequisite: ET 752 or permission of instructor.

Exceptional Child (COE)**EXC 450—Identification and Education of Exceptional Students in the Regular Classroom**

A survey of the identification and education of students who have special educational needs, are intellectually gifted, intellectually disabled, physically handicapped, speech handicapped, behavioral disordered, hospital or homebound, handicapped by a specific learning disability, multi-handicapped, autistic, hearing impaired, visually impaired or other areas of specific needs which may be identified. Note: This course meets certification requirements mandated by H. B. 671. Prerequisite: Admission into Teacher Education.

EXC 452—Approaches and Methods for Teaching the Mild Intellectually Disabled

Presentation of curriculum approaches which can be used in classes for the intellectually disabled with concurrent review, demonstration and preparation of programs, methods and materials for individual and group needs. Note: Must be taken concurrently with EXC 456. Prerequisites: Admission into Teacher Education, EC 457, RDG 459, and EXC 457.

EXC 453/653—Nature of Intellectual Disability

A review of syndromes, characteristics, causes, behavior and special problems with intellectual disabilities with implications for education and training. A field experience is a required component of the course. Prerequisite: Admission into Teacher Education.

EXC 456/656—Methods for Teaching the Moderate to Profoundly Intellectually Disabled

An introduction to methods and materials for students with moderate, severe and profound disabilities in self-contained and resource classrooms. Emphasis on the diagnostic prescriptive process. Note: Must be taken concurrently with EXC 452. Prerequisites: Admission into Teacher Education, EC 457, RDG 459, and EXC 457.

EXC 457/657—Differential Educational Diagnosis I

Introduces standardized evaluator tools and teacher-made criterion reference tests for the evaluation of exceptional children. Laboratory experience in the use of these instruments and case studies with specific recommendations are part of course content. Prerequisite: Admission into Teacher Education, EXC 450, EXC 453, and EC 460.

EXC 468/668—Classroom Behavior Management

Initiates the classroom teacher in the basic procedures for management for the exceptional child. Emphasis on the use of behavior modification (reinforcement therapy) and transactional analysis as well as instructional techniques designed to meet the needs of the group and individual. Prerequisite: Admission into Teacher Education, RDG 459, EC 457, and EXC 457.

EXC 470—Exceptional Child Practicum I

Provides EXC majors with experience in and application of educational procedures used in clinical teaching of students in a regular classroom. Participants will demonstrate skills in the areas of assessment, prescription, implementation and evaluation with emphasis on application of these skills under supervision. Taken concurrently with EXC 471 and EXC 478 as part of the special education block. Prerequisites: Admission into Teacher Education, EDT 460, EXC 450, EXC 452, EXC 453, EXC 456, EXC 457, EXC 468, EXC 479, RDG 459, and proof of professional liability insurance.

EXC 471—Clinical Practicum

Provides EXC majors with experiences and application of the educational procedures used in clinical teaching of students identified as special education. Participants will demonstrate skills in the areas of assessment, prescription, program implementation and evaluation with emphasis on application of these skills under supervision. This course is taken concurrently with EXC 470 and EXC 478 as part of the special education block. Prerequisites: Admission into Teacher Education, EDT 460, EXC 450, EXC 452, EXC 453, EXC 456, EXC 457, EXC 468, EXC 479, RDG 459, and proof of professional liability insurance.

EXC 478—Communication, Consultation, and Collaboration

Provides pre-service teachers with knowledge of effective communication skills and to present models of consultation and collaboration efforts in special education. Working with parents, teachers and other professionals involved in the provision of services to students with disabilities. Taken concurrently with EXC 470 and EXC 471 as part of the special education block. Prerequisites: Admission into Teacher Education, EXC 453, EXC 456, EXC 468, and proof of professional liability insurance.

EXC 479/679—Practices and Procedures in Exceptional Child Education

Provides competency in legislative requirements and procedures associated with the assessment, placement, and teaching of exceptional children including IEP's, eligibility reports, transition and termination plans, lesson plans, and units. Prerequisites: Admission into Teacher Education and EXC 450 or concurrent.

EXC 491—Student Teaching in Special Education

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 directly in many of the activities which constitute the wide range of a teacher's assigned responsibility. Prerequisites: Admission into Teacher Education, completion of teaching field and admission to Student Teaching.

EXC 591—Special Problems in Exceptional Child Education

Promotes specialized training appropriate to the needs of in-service school personnel. Attention will be given to a range of specific problems as they reach special significance in local school systems. Prerequisite: Admission into Teacher Education.

EXC 654—Language Development of Exceptional Children

Types and causes of problems in the acquisition of language by exceptional children. Diagnosis and remediation in the four basic areas of language development.

EXC 661—Characteristics of Learning Disability

A review of different types of learning disabilities and the theories and systems related to their identification, assessment and remediation. Prerequisite: EXC 789.

EXC 662—Approaches and Methods in Teaching Students with Learning Disabilities

An individualized approach to analysis of the learning problems and to the method of instruction used. Procedures for assessing the learning disabled child's level of development as well as academic skill, selection of appropriate instructional tasks, and classroom/resource room organization and management. Prerequisite: EXC 661.

EXC 665—Language for Preschool Handicapped

Extends the knowledge base for majors who have had a course prior to language development to remediate deficient or delayed language or to develop alternative language for severely handicapped children.

EXC 667—Special Project

Content will consist of action research and special study planned by instructor and student. Course content to be determined by the needs of the registrants.

EXC 671—Clinical Practicum

Implements programs, methods and materials presented in other courses. The type of behavior problem to be remediated, the evaluatory tools to be used and therapeutic procedures are contingent upon the preparation of the student. (Students are limited to five hours.)

EXC 673—Characteristics of Students with Behavior Disorders

Characteristics of the types of behavior disorders encountered among children are reviewed along with currently accepted theories and systems for their behavioral and educational management. Identification of the behavior disordered child and assessment of the extent of his special needs.

EXC 676—Approaches and Methods for Teaching Students with Behavior Disorders

Individualized and group methods of teaching the behavior disordered are analyzed as they relate to the specific needs of the individual. A developmental approach to behavioral and educational needs. Prerequisite: EXC 673.

EXC 780—Characteristics of Gifted Children

The behavioral characteristics of gifted children with emphasis on school related behaviors as they relate to the home, school, and community.

EXC 781—Curriculum/Program Development for the Gifted

Overview of curriculum and program development for the gifted. Principles of curriculum differentiation and application of current curriculum models and learning theory models in the context of education for the gifted. Prerequisites: EDP 850 or equivalent, EXC 780.

EXC 782—Approaches and Methods of Teaching the Gifted

A review and use of instructional procedures for teaching the gifted. Observation and implementation of current instructional procedures (models) are part of course requirements. Prerequisites: EXC 780, 781 or concurrently.

EXC 789—Resources and Strategies for Working with Mild Disabilities

Prepares the teacher to plan effective remediation strategies for individuals and groups of children with mild behavior disorders, learning disabilities, and intellectual disabilities. Prerequisites: EXC 450 or 650, RDG 459 or 659, EXC 479 or 679, EXC 468 or 668, EXC 457 or 657, or their equivalents.

EXC 791—Special Problems in Exceptional Child Education

Promotes specialized training appropriate to the needs of in-service school personnel. Attention will be given to a range of significant problems in local school systems.

EXC 853—Multiply Handicapped

The problems of the severely and multiply handicapped will be discussed as they relate to his/her educational, personal, social and vocational needs. Open to sixth year students only.

EXC 854—Analysis of Research on Exceptional Child

Beginning with a detailed description of the specific area of interest to the registrant, an in-depth review of research within the specific area will be compiled and conclusions stated based on research findings. Open to sixth year students only.

EXC 855—Theories of Remediation of Exceptional Child

A thorough investigation of the various theoretical and methodological approaches for teaching the exceptional child. This investigation will result in the students' development of their own methods for teaching the exceptional child to be presented to and observed by the instructor. Open to sixth year students only.

EXC 856—Special Education Seminar

After an area of study related to the exceptional individual is selected, each student, working with the topic area will research and present findings to the seminar for critical discussion. Prerequisites: EXC 450 or 650, and EDR 751.

EXC 857—Differential Educational Diagnosis II

Provides advanced preparation for educational personnel in the administration, analysis and written interpretation of results of comprehensive diagnostic instruments. Proficiency in planning and implementing diagnostic-prescriptive teaching procedures. Prerequisite: EXC 657 or permission of instructor.

EXC 860—Advanced Curriculum/Methods in Behavior Disordered

Draws on prior training and field experience with behavior disordered children in educational or institutional settings. Students will be required to demonstrate strong research and applied methodology skills as well as supervision skills for training classroom support personnel. Prerequisites: Sixth year students only. T-5 in behavior disorders.

EXC 861—Consultation and Collaborative Partnerships

Gives teachers and school personnel skills in using collaborative strategies for consulting and communicating with students, parents, student services personnel, and community agencies to plan, develop, and implement programs for students with disabilities. Prerequisites: EXC 450 or 650, RDG 459 or 659, EXC 479 or 679, EXC 468 or 668, EXC 457 or 657, or their equivalent.

EXC 863—Advanced Curriculum/Methods of LD

Specific assessment and intervention techniques for children and adolescents with specific learning disabilities in language processing and production. Prerequisite: 6th year students only who have taught LD for at least one year.

EXC 864—Cognitive Components of Behavior and Learning

Introduces students to the neuropsychological components of learning and behavior. Required for specialists training in the areas of behavior disorders and learning disabilities. Possible remediation or curricula modifications needed to help afflicted individuals compensate for deficits will be addressed from an education perspective. Behavior and learning as it is affected by neurochemistry.

EXC 880—Supervising the Classroom Teacher

Enables the supervising teacher to demonstrate, in a classroom setting, a mastery level of skill performance related to the supervisory function. To receive credit, the participant must have a student teacher while enrolled in this course. Prerequisite: EDL 779.

EXC 884—Preschool Assessment

Administration, scoring, and interpretation of preschool assessment instruments. Cultural diversity and other issues in the development of normal and handicapped children will be emphasized along with assessment of all functional domains. Students seeking certification in the preschool handicapped area will find this course essential. Prerequisites: EXC 457/657 or equivalent test administration training course work.

EXC 892—Field Practicum and Seminar

This field course requires implementation of three research projects with documented research to support the hypotheses, description of procedure, narrative or graphic summation of results and conclusions. Areas of specific emphasis will be evaluatory procedures, methodological approaches to individual and/or class instruction and suggestions for supplementary procedures or additional research. (10 hours limit).

EXC 893—Directed Individual Study

An extension of the research consumer skills of Educational Research 851 into an opportunity for application to an independent or action research project. The results are usually presented in written form reflecting the content of library research and applied research methodology related to the school.

EXC 894—Internship in Teaching Students with Behavior Disorders

Supervised field experience for students in special education—Behavior Disorders program. Students are required to complete 120 contact hours of field experience with students identified as having behavior disorders and to demonstrate competence in the following areas: (1) Instructional Organization, (2) Techniques of Instruction, (3) Classroom Behavior Management, and (4) Due Process/Record Keeping. Classroom visits and on-campus sessions are required. Prerequisites: EXC 676 and proof of professional liability insurance coverage.

EXC 895—Internship in Teaching Students with Learning Disabilities

Supervised field experience for students in special education—Learning Disabilities program. Students are required to complete 120 contact hours of field experience with students identified as having learning disabilities and to demonstrate competence in the following areas: (1) Instructional Organization, (2) Techniques of Instruction, (3) Classroom Behavior Management, and (4) Due Process/Record Keeping. Classroom visits and on-campus sessions are required. Prerequisites: EXC 662 and proof of professional liability insurance coverage.

EXC 896—Internship in Teaching Students with Intellectual Disabilities

Supervised field experience for students in special education—Intellectual Disabilities program. Students are required to complete 120 contact hours of field experience with students identified as having intellectual disabilities and to demonstrate competence in the following areas: (1) Instructional Organization, (2) Techniques of Instruction, (3) Classroom Behavior Management, and (4) Due Process/Record Keeping. Classroom visits and on-campus sessions are required. Prerequisites: EXC 656 and proof of professional liability insurance coverage.

Family and Consumer Sciences (CHPS)**FCS 271—Introductory Family Relations**

Background in current concepts of the family and the developmental tasks that occur at each stage of the family life cycle.

FCS 371—Lifespan Development

Human development throughout the lifespan as influenced by the family and society using a practical holistic approach. For majors in the health-related disciplines. Prerequisites: Junior standing; SOC 150, PSY 150, BIO 271 and 272. Four hours lecture and two hours lab per week.

FCS 433—Practicum in Child Development

Observation and participation in the Family Life Center Child Development Laboratory with scheduled seminar discussion groups. Designed as a companion course for Elementary Education 454. Preferred: FCS 471; FED 260 accepted.

FCS 471/671—Child Development

Studies are made of growth patterns from conception to six years of age. Students observe and participate in the Family Life Center Child Development Laboratory. Prerequisites: PSY 150 and/or SOC 150 and FCS 271, or permission of instructor. Four hours lecture and two hours lab per week.

FCS 472/672—Children's Creative Activities

Principles in selecting and presenting a variety of creative and practical experiences for young children (art, music, rhythm, dance, creative movement and drama) in the Family Life Center Child Development Laboratory. Three lectures and four laboratory and/or participation hours per week. Prerequisite: FCS 471 or permission of instructor.

FCS 474/674—Parenting: Family-Child Interaction

Emphasis on understanding the child in his/her own natural setting, the family. Methods of studying families, parent education, and teaching aids. Prerequisites: Majors: FCS 271, FCS 471; Non-majors: PSY 150, or permission of instructor. Three hours lecture and four hours lab per week.

FCS 475—Assessment of the Preschool Child

Developmental assessment and research as related to the preschool child. Supervised observation and participation in the Family Life Center Child Development Laboratory and the community. Prerequisite: FCS 471. Three hours lecture and four hours lab per week.

FCS 476—Administration of the Preschool Program

Emphasis on direction and administration of child care centers in family and group settings. Personnel, space, physical facilities and foodservice. Supervised trips to child care centers. Prerequisite: FCS 471 or permission of the instructor. Three hours lecture and four hours lab per week.

FCS 479—Aging, Lifestyles and Adaptation

Designed to interrelate life's losses, gains and growth processes. Investigates how value structure and goals impact lifestyles and how learning and coping strategies can enhance the quality of life. Prerequisite: Upper division status. Four hours lecture and two hours lab per week.

FCS 491—Internship in Family and Child Studies

Supervised work-study program in Family and Child Studies. Students are expected to interview for positions in businesses which are pre-approved by the internship professor. Students enrolled in the program must agree to abide by regulations governing all employees of the sponsor. Prerequisites: Approval by advisor and Department Chair. 10-15 hours credit.

FCS 571/771—Development in Infancy

Development from prenatal period through the first twenty-four months of life. Laboratory experiences relating to child rearing practices and prediction of behavior. Prerequisite: FCS 471 or permission of instructor. Four hours lecture and two hours lab per week.

FCS 572—Preceptorial in Child Development

Application of knowledge and skills in directing experiences for preschool children. Students develop programs through planning, implementation and evaluation of daily activities. Ten laboratory hours each week for each five hours credit. Prerequisite: Consent of department chair.

FCS 575/775—The Middle Child and Adolescent

Normal development of the child from age six through the teenage years with an emphasis on current issues that relate to these years; role of parent(s), family, and other adults in fostering their development. Prerequisites: Majors FCS 271, PSY 150, FCS 471; Non-majors PSY 150, or permission of instructor. Three hours lecture and four hours lab per week.

FCS 576/776—Development in Late-Stages of Life Cycle

Adjustment of individuals and families to internal and environmental changes during middle age and aging years. Prerequisites: Majors FCS 271, PSY 150; Non-majors PSY 150, or permission of instructor. Three hours lecture and four hours lab per week.

FCS 577/777—Family Life Programs

Programs, procedures, techniques, resources and counseling skills needed to promote an understanding of family life education through the life cycle. For persons who are providing education in family life and in human sexuality.

FCS 578/778—Readings in Family Life and Child Development

Current and classic research drawn from the behavioral sciences concerned with the family and its members. Special focus on changes in society and technology.

FCS 661—Introduction to Preschool Handicapped Programs

Describes the following issues: characteristics that define a developmentally delayed child who would need help in a preschool environment; various types of disabilities; effect of these disabilities on normal development; appropriate program models; and, delivery of appropriate services. Prerequisites: EXC 450 or EXC 650.

FCS 662—Teaching Methods: Preschool Handicapped

Designed to address and assess appropriate materials, resources, and methodologies necessary for developing and implementing a preschool, handicapped program. Builds on the FCS 661 foundation and expands on theory, practical applications and valid models related to teaching special children. Prerequisites: FCS 661.

FCS 663—Preschool Handicapped Practicum I

Gives students an opportunity to observe and participate in a home or center-based program serving a preschool handicapped population. Environmental and behavioral management, appropriate curriculum planning, assessment and intervention strategies, and family support. FCS 661 and FCS 662.

FCS 664—Preschool Handicapped Practicum II

A follow-up course for FCS 663. Student lab participation and responsibilities will be increased as an integral part of the practicum experience. Parent and family involvement is also a significant focus of this course. Prerequisite: FCS 663.

Foundations of Education (COE)**FED 251—Foundations of Education**

First in the professional sequence: required of all who plan to teach. Affords opportunity for the prospective teacher to examine information concerning the teaching profession as well as the philosophical, sociological and historical foundations of teaching. Sophomore standing required. Double period for participation required.

FED 260—Human Growth and Development

An introduction to the study of growth and development of the person from conception through adolescence. Emphasis on physical, social/personality, emotional, intellectual and moral development and the relationship of these aspects of development to learning and achievement in school classrooms.

FED 361—Education Psychology: Teaching and Learning in Classrooms

Psychological principles of learning, cognition, motivation, behavior, and the practical implications of these principles for teaching and learning. The development of skills to interpret behavior and classroom interaction within a framework of psychological theory will be a major feature. Prerequisite: Junior standing is required. Students must have completed FED 251, FED 260 and admission into Teacher Education..

FED 551/751—Adolescent Psychology

The growth and development, adjustment, and capacities during the change from the period of childhood into adulthood and the resultant physical, mental, social, emotional and communitive growth and development and its implication for guiding an adolescent toward a more wholesome realization of his/her potential.

FED 563/763—Comparative Educational Thought

Description and analysis of the manner in which education is arranged and conducted in other nations. Emphasis is on the differences and similarities of various educational systems and on the relation of educational processes to cultural, economic, and political life. The comparisons are the basis for deciding what can and can not be incorporated into our own educational systems.

FED 591/791—Special Topics in Foundations of Education

Group study of selected topics in educational foundations or curriculum.

FED 653—Development and Learning in the Middle Grades

The growth and development of children from preschool through adolescence. Major emphasis on understanding the nature, diversity and curricular needs of middle childhood and early adolescence (Grades 4-8) within a broader context of development.

FED 851—Nature and Conditions of Learning

The psychological nature and essential conditions of learning. Theories and principles of learning that serve as a basis for educational models and practice. Special emphasis on recent empirical findings.

FED 853—Advanced Study of Child Behavior

Social and psychological development from birth through early adolescence. Influence of home, school, and other out-of-school activities on motivation, learning, socialization, and intellectual processes. Major emphasis on the role of environmental forces on social and personality development.

FED 854—Conflict Resolution

Helps participants better understand the theories of conflict and acquaints them with practical techniques for meeting these challenges at school and beyond to create a sound foundation for productive cooperativework of teachers, administrators, parents, and students.

FED 855—Ethical Dimensions of Education

Students will develop 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: FED 872, or equivalent or approval of instructor.

FED 861—Applied Learning and Motivation Theories

Increases the capacity of the students to apply theories of learning and motivation to educational practice. Emphasis on learning processes involved in conditioning, cognition, thinking, problem solving, and on strategies which increase the motivation of students to learn.

FED 870—Foundations of Multicultural Education

Using an interdisciplinary approach, students examine some of the underlying concepts, assumptions, and social understandings that inform successful programs in multicultural education.

FED 872—Philosophical Foundations of Education

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.

FED 874—History of American Education

Fundamental concepts central to a critical understanding of the history of education in the United States. The relationship of social, political, economic, religious, legal, and ideological forces in the formation of public schools.

FED 876—Social Foundations of Education

A basic graduate course in the contributions of the social sciences to education, focused on the significant issues and problems of education.

FED 878—Foundations of Educational Inquiry

Explores the major paradigms within which the competing methodologies of empirical educational inquiry are grounded. Exploration based upon the epistemological and meta-physical concepts of “knowledge” and social reality.

FED 893—Directed Individual Study

Promotes individualized training appropriate to the needs of in-service school personnel. A range of specific areas of study and problems as they reach special significance in local school systems.

Finance (COBA)**FIN 351—Corporation Finance I**

The fundamental concepts, theories, tools of analysis, and current problems of managerial finance in the business enterprise. Prerequisite: ACC 251, ACC 252, ECO 250, and ECO 251, or consent of instructor.

FIN 352—Financial Institutions

Financial institutions and their role in financial markets. Prerequisites: FIN 351.

FIN 354—Corporation Finance II

Financial risk and return, capital budgeting, valuation, capital structure and dividend policy. Prerequisite: FIN 351.

FIN 355—Investments I

Covers the field of investment with major emphasis on the securities market, common stocks, and government and industrial bonds. Prerequisite: FIN 354.

FIN 356—Principles of Real Estate

Covers the ownership of property, transfer of title, liens, appraisals, and the real estate cycle.

FIN 357—Life and Health Insurance

The various methods of financing life and health risks, both from an individual and business perspective. Given the catastrophic nature of these risks to individuals, special emphasis is placed on insurance as a means of financing. Other alternatives are discussed for the financing of business human resource loss exposures. Prerequisite: FIN 351.

FIN 358—Property and Casualty Insurance

Alternative methods of financing property and liability risks, both from an individual and business perspective. Both the transfer of risk by insurance or contract and the retention of risk by self-funding or modified insurance programs are studied. Special attention is given to the regulation, tax treatment, and the impact on cash flow of each of these alternative risk financing methods. Prerequisite: FIN 351.

FIN 359—Risk Management

Provides the student with an understanding of risk and its impact on individuals and organizations. Both pure and speculative risks are visited, with an emphasis on the nature of pure risk. Develop a risk management program based on the systematic identification, analysis, control and financing of risks. The methods of contract analysis, probability analysis, forecasting and cash flow analysis in making risk management decisions. Prerequisites: FIN 351 and MGT 354.

FIN 360—Personal Financial Planning

The fundamentals of personal financial planning to include: the financial planning process, economic environment, legal environment, asset management, liability management, risk management and ethical professional practice.

FIN 451—Real Estate Law

Real property law to include leases, deeds, trusts, and mortgages.

FIN 452—Real Estate Appraisal I

The value of single and multi-family residential real estate.

FIN 453—Insurance Law

The legal concepts and doctrines applicable to the field of insurance. Basic legal problems of the major branches of insurance are dealt with including fire, marine, casualty, life, workers' compensation and governmental insurance programs.

FIN 454—Bank Management I

The theory and operation of the commercial bank with emphasis on bank management. Prerequisite: FIN 352.

FIN 455—Investments II

Price determination and behavior in the major capital markets as a basis for security analysis. Prerequisite: FIN 355.

FIN 458—Bank Management II

The management of financial institutions, especially commercial banks. Case studies and selected reading in such areas as lending policy, investment policy, reserve management, bank operations, and competition among financial institutions. Prerequisite: FIN 454.

FIN 459—Advanced Real Estate

Current topics of interest and importance in real estate with emphasis on real estate investment and financing. Prerequisite: FIN 356.

FIN 460—Banking Law

The legal concepts applicable to the field of banking. Basic problems dealt with include regulations of banking activity, bank holding companies, the regulation of non-traditional banking activity, formation of new banks and or branches, trust powers, antitrust problems, commercial paper, FDIC and international banking.

FIN 462—Real Estate Appraisal II

The value of non-residential real estate.

FIN 553—International Finance

Integrates money and banking with international finance, stressing the evolving nature of the international monetary mechanism. Discusses proposed reforms in gold, exchange rate, and reserves. Prerequisite: FIN 352.

FIN 554—Estate Management

Solving of individual estate management problems by combining principles of investment, insurance, and taxation. Prerequisite: FIN 355 and 357 or ACC 552.

FIN 596—Special Problems in Finance

Independent study and research in selected areas of finance under supervision of a member of the faculty. Prerequisite: consent of the instructor.

FIN 599—Internship in Finance

Allows upper division students in finance an opportunity to receive practical experience in their chosen field of study. Prerequisite: Junior-Senior standing and prior approval of department chair.

FIN 796—Special Problems in Finance

Independent study and research in selected areas of finance under supervision of a member of the faculty. Prerequisite: Consent of the instructor, chair and advisor.

Foreign Languages (CLASS)**FL 199—Selected Topics in Foreign Languages**

Elementary level foreign language topic. Prerequisite: Permission of department chair.

FL/ANT 350—Introduction to Language

A general introduction to the nature and structure of language and its role in society. Students will be strongly encouraged to conduct individual explorations into the relationship of linguistics to their major field of study or other personal interest. No prerequisites.

FL 351—Greek and Latin Vocabulary in English

Improves the student's use and understanding of the vocabulary of English through a study of the Latin and Greek elements (word roots) in English. Emphasis on words in current scientific and literary use. No knowledge of Greek or Latin required. No prerequisites.

FL 399—Selected Topics in Foreign Languages

Foreign languages not generally offered by the department (e.g. Greek, Thai) or study in second language acquisition (e.g. applied linguistics).

FL 499—Directed Study in Foreign Languages or Linguistics

Independent study under faculty supervision. Prerequisite: Consent of department chair.

FL 599—Selected Topics in Foreign Languages**FL 799—Selected Topics in Foreign Languages****FL 850—Theories of Second Language Acquisition**

An intensive study of research in second language acquisition.

FL 899—Directed Study in Foreign Languages

Independent study under faculty supervision. Prerequisite: Consent of department chair.

Fashion Merchandising (CHPS)**FM 260—Clothing and Consumer Behavior**

The aesthetic, economic, and psychosociological problems involved in planning, selecting, buying, and caring for textiles and clothing for the family group. Field trips.

FM 360—Fashion Fundamentals

Fashion terminology, historic apparel, prominent and influential designers, leading fashion centers, auxiliary fashion enterprises, job opportunities and current trends in merchandising.

FM 361—Principles of Merchandising

Fashion resources, merchandise assortments and the fashion buyer's responsibilities in various types of merchandising organizations. Field trip. Prerequisite: FM 360.

FM 363—Fashion Presentation and Promotion

Principles and practice of merchandise presentation and promotion at the wholesale and retail levels. Experience in planning, executing and evaluating fashion promotions. Field trip. Prerequisites: FM 361 and FM 364.

FM 364—Textiles

Characteristics, manufacturing processes and properties that affect the selection, use and care of textile goods. Possible field trips.

FM 365—Visual Merchandising

Principles and application of the visual presentation of merchandise including display, design and materials appropriate to a store's image. Prerequisite: FM 361.

FM 399—Selected Topics in Fashion Merchandising

Scheduled on an infrequent basis to explore special areas in fashion merchandising and will carry a subtitle.

FM 491—Internship in Fashion Merchandising

Supervised work-study program in a fashion related business selected by the student and preapproved by the student's advisor. Students enrolled in the program must agree to abide by regulations governing all employees of the sponsor. 10/15 hours credit. S/U grading. Prerequisites: 2.0 GPA; 60 hours in major course work with a "C" or better grade; approval of advisor.

FM 562/762—Fashion in the Making

A field study of the fashion industry which includes visits to costume museums, apparel wholesale showrooms, auxiliary fashion enterprises and noted retail stores. While planned specifically for fashion merchandising majors, other interested persons who qualify for admission may participate. Prerequisite: FM 360 or consent of instructor.

FM 824—Seminar in Clothing and Textile Design

Historic and contemporary survey of social focuses affecting apparel design. Emphasis upon 19th and 20th centuries.

FM 834—Textile Standards and Legislative Controls

Trends and developments in textile fibers, fabrics and finishes. Activities include production plant visitations.

French (CLASS)**FRE 151—Elementary French I**

Introduction to essentials of grammar; acquisition of basic vocabulary; practice in reading, speaking and writing. No prerequisite.

FRE 152—Elementary French II

Continuation of French 151 with increased emphasis on the active use of the language. Prerequisite: French 151 or equivalent.

FRE 153—Elementary French III

Continuation of French 152. Prerequisite: FRE 152 or equivalent.

FRE 252—Intermediate French

A review of French grammar and intensive reading of selected texts; particular emphasis on vocabulary building through conversation and composition exercises. Prerequisite: FRE 153 or equivalent.

FRE 311, 12, 13, 14, 15—Discussion Circle

Guided conversation in French, based on current issues as they are reflected in contemporary journals and newspapers. Emphasis on conversational, rather than on specialized, vocabulary. Prerequisite: FRE 252 or consent of instructor.

FRE 350—Conversational French

Practice in the use of everyday French for functional vocabulary buildup and increased proficiency. Authentic oral materials (such as excerpts from films, plays, radio programs, recordings of songs, skits, etc.) as well as situational communicative exercises. Prerequisite: FRE 252 or equivalent.

FRE 353—French Civilization

A study of French civilization through discussion of its history, art, music and literature. Extensive use of audiovisual materials. Prerequisite: FRE 252 or equivalent.

FRE 354—French Short Stories

An in-depth study of selected stories from the major French writers for vocabulary building and increased reading comprehension, with a secondary emphasis on literary techniques and reading strategies. Oral reports and written compositions. Prerequisite: FRE 252 or equivalent.

FRE/AAS 355—Non-European Francophone Literature

Reading, discussing, and writing about texts from former French colonies. Included are poetry, short stories, fables, the novel, songs, news articles and government publications. Prerequisite: FRE 252 or equivalent.

FRE 357—Introduction to Commercial French

An introductory study of commercial French with an emphasis on practical exercises for communicating with French-speaking people in the business world. Prerequisite: FRE 252 or equivalent.

FRE 399—Selected Topics in French**FRE 450/650—Advanced French Composition and Grammar**

Intensive study of nuances of French grammar and extensive practice in preparing compositions and “*explications de texte*.” Multiple-draft composition process is a feature of the course. Prerequisite: 10 hours at the 300 level or consent of instructor.

FRE 452/652—French Phonetics

Contrastive analysis of the French and English sound systems and extensive practice to help students refine their pronunciation; familiarization with various French accents. Prerequisite: 10 hours of French at the 300 level.

FRE 453/653—Contemporary France

An in-depth study of present-day France. Emphasis on student participation in discussions. Written and oral reports. Prerequisite: 10 hours at the 300 level.

FRE 454/654—French Poetry

French poetry by major movements, from the late Middle Ages to the present, with an emphasis on poetic techniques and reading strategies. Oral and written reports. Prerequisite: 10 hours at the 300 level or consent of instructor.

FRE 455/655—The French Novel

The French novel by major movements from its origins to the present, with an emphasis on narrative techniques and reading strategies. Oral and written reports. Prerequisite: 10 hours at the 300 level or consent of instructor.

FRE 456/656—French Baroque and Classical Theatre

Seventeenth-century French comedy, tragicomedy, and tragedy, with an emphasis on origins and influences, cultural context, dramatic techniques, and reading strategies. Oral and written reports. Prerequisite: 10 hours at the 300 level or consent of instructor.

FRE 457/657—Twentieth-century French Theatre

The French theatre since 1900; symbolism, Surrealism, Existentialism, Theatre of the Absurd. Written and oral reports. Prerequisite: 10 hours at the 300 level.

FRE 458/658—Survey of French Literature I

French literature from the Middle Ages through the eighteenth century, with an emphasis on reading of major works of representative authors. Prerequisite: FRE 454 and one of the following: FRE 354, 355, 455, or consent of the instructor.

FRE 459/659—Survey of French Literature II

French literature from the nineteenth century to the present day, with an emphasis on reading of major works of representative authors. Prerequisite: FRE 454 and one of the following: FRE 354, 355, 455 or consent of the instructor.

FRE 499—Directed Study in French

Independent study under faculty supervision. Prerequisite: Consent of department chair.

FRE 491—Internship in France

French language and culture component of internships in France or other francophone countries. Student selected by a departmental process. Prerequisites: one 300-level course or equivalent and permission of the Department Chair.

FRE 599/799—Selected Topics in French**FRE 851—Problems of Second Language Acquisition**

Particular features of the French language and culture which present problems for the learner. Emphasis on identification of development in the learner of the four language skills and cultural understanding. Taught in French.

FRE 892—Seminar in French

Topic to be selected by instructor.

FRE 899—Directed Study in French

Independent study under faculty supervision. Prerequisite: Consent of department chair.
German (GER)

Fulani (CLASS)**FUL 151—Elementary Fulani I**

Introduction to the essentials of Fulani; acquisition of basic vocabulary; practice in speaking, listening, reading, and writing elementary material in Fulani. No prerequisite.

FUL 152—Elementary Fulani II

Continuation of Fulani 151. Prerequisite: Fulani 151.

German (CLASS)**GER 151—Elementary German I**

Introduction to essentials of grammar; acquisition of basic vocabulary; practice in listening, speaking, reading, and writing. No prerequisite.

GER 152—Elementary German II

Continuation of German 151 with an increased emphasis on the active use of the language. Prerequisite: German 151, or one year of high school German or equivalent.

GER 153—Elementary German III

Continuation of German 152. Prerequisite: GER 152 or equivalent.

GER 211, 212—Discussion Circle

Guided conversation. Emphasis on developing conversational vocabulary at an intermediate level. Prerequisite: GER 152 or consent of instructor.

GER 252—Intermediate German

Review of German grammar and reading of selected texts. Particular emphasis on conversation and expansion of vocabulary. Prerequisite: GER 153 or equivalent.

GER 311, 312, 313, 314—Discussion Circle

Primarily, guided conversation based on current issues reflected in contemporary journals and newspapers. Emphasis: conversational, rather than specialized vocabulary. Prerequisite: GER 252 or consent of instructor.

GER 320—Phonetics

Contrastive analysis of the German and English sound systems and extensive oral practice to refine pronunciation. Prerequisite: German 252, three years of high school German or equivalent, or consent of instructor.

GER 330—Introduction to German Literature

Introduction to terminology, methods, and goals of literary analysis and interpretation of German literature. Prerequisites: German 252, three years of high school German or equivalent, or consent of instructor.

GER 350—Conversation

Practice in the use of everyday German through conversation and oral presentations. Prerequisite: German 252, three years of high school German or equivalent, or consent of instructor.

GER 353—Germany Today

Daily life and institutions in the Federal Republic of Germany today. Prerequisite: German 252 or equivalent, or consent of instructor.

GER 355—Texts and Media in German

Presentation and discussion of a variety of texts presented in different media such as cassettes (songs), radio-broadcasts (radio plays), and video (movies). Prerequisite: German 252, three years of high school German or equivalent, or consent of instructor.

GER 361—Advanced Grammar

Advanced study of German grammar and syntax with emphasis on the active use of the language. Prerequisite: German 252, three years of high school German or equivalent, or consent of instructor.

GER 362—Writing in German

Grammar review, basic instruction in stylistics, and extensive practice in writing, both short compositions and longer items. Prerequisites: GER 252, three years of high school German or equivalent, or consent of instructor.

GER 399/599/799—Selected Topics in German**GER 451—German Heritage**

Various aspects of German culture, including a brief survey of literature, architecture, art, and music. Prerequisite: two courses at the 300 level or consent of the instructor.

GER 452/652—Business German

A career-oriented course to familiarize the student with Business German. Topics may include business and tourism. Prerequisite: Two courses at the 300 level or consent of instructor.

GER 460/660—Survey of German Literature

A survey of German literature from its beginning to the present, on reading representative selections from major works. Prerequisite: Two courses at the 300 level or consent of instructor.

GER 465/665—Prose Works

Reading and discussion of prose texts such as short stories, novels, and novellas. Prerequisite: Two courses at the 300 level or consent of the instructor.

GER 466/666—The German Drama

Selected plays of major dramatists of the 18th, 19th, and 20th centuries with an outline of the development of German drama. Prerequisite: two courses at the 300 level or consent of the instructor.

GER 467/667—Contemporary German Literature

Recent German literature. Prerequisite: two courses at the 300 level or consent of instructor.

GER 491—Internship in Germany

German language and culture component of internships in Germany or other German-speaking countries. Students selected by a departmental process. Prerequisites: One 300-level course or equivalent and consent of the department chair.

GER 499/899—Directed Study in German

Independent study under faculty supervision. Prerequisite: consent of department chair.

GER 592—Seminar in German: Great Authors

A close study of German authors from all periods and their works. Can be repeated with different authors.

GER 650—Advanced Grammar and Composition

Advanced study of German grammar and syntax with emphasis on the active use of the language in both speaking and writing.

GER 663—Goethe and Schiller

The Classical Period and its major representatives. Prerequisite: Two courses at 300-level or consent of the instructor.

GER 851—Problems of Second Language Acquisition in German
Particular features of the German language and culture which present problems for the learner. Emphasis on identification of development in the learner of the four language skills and cultural understanding. Taught in German.

GER 853—Contemporary Germany
The life and institutions in contemporary Germany. Taught in German.

GER 892—Seminar in German
Topic to be selected by instructor.

GER 899—Directed Study in German
Independent study under faculty supervision. Prerequisite: Consent of the department head.

Geography (COST)

● GGY 150—Physical Geography

The earth's surface in its areal differentiation. The various elements of physical geography that act as a foundation to the discipline including location and interaction of physical surficial phenomena. Four lecture and two lab hours per week.

● GGY 250—World Regional Geography

Geographic regions of the world emphasizing physical landscapes, resources, economies, culture and politics. Selected problems or situations of contemporary interest.

GGY 356—Economic Geography

The distribution, production and utilization of the world's basic commodities.

GGY 357—Cultural Geography

Basic concepts of cultural geography including characteristics and spatial patterns of population, religion, settlements, economies, languages, nutrition, health, migration, economic development, art, music and other cultural phenomena.

GGY 358—Conservation of Natural Resources

Basic environmental factors in the setting of human economic and social actions. Modern efforts of conservation and resource management concerning wildlife, forests, fisheries, agriculture, rangeland, water, soils, and oceans.

GGY 360—Weather and Climate

The elements and controls of weather and climate and the distribution and characteristics of climate regions.

GGY 399—Selected Topics in Geography

GGY/AS 451—Geography of North America

The physical, political, economic, and cultural geography of the United States and Canada.

GGY 452/652—Urban Geography

Geographic analysis of site, situation, base, principal functions, distribution, supporting areas, and internal structure of urban settlements.

GGY/AS 453—Geography of the South

A systematic and regional treatment of the geography of the South including the physical, cultural and economic aspects of the various regions.

GGY/LAS 460—Geography of Latin America

The physical, cultural, and economic geography of Latin America.

GGY 462—Geography of Europe

A survey of the physical, cultural, political, and economic geography of Europe. Selected problems or situations of contemporary interest. Prerequisites: GGY 250 or permission of instructor.

GGY/AS 487/GGY687—Historical Geography of North America

Geographic relationships in the exploration, settlement, and changing patterns of human occupancy of North America from the 17th century to the present.

GGY 499/699—Special Problems in Geography

Independent study for advanced students in geography. Prerequisite: Approval of department chair.

GGY 599/799—Selected Topics in Geography

GY 860—Seminar in Regional Geography

This course will identify principles and content of regional geography. The regional method will be illustrated through study of selected regions.

GGY 870—Seminar in Systematic Geography

A systematic approach to geography. Basic training in principles and concepts and student insight into the nature and methods of systematic geography.

Geology (COST)

● GLY 151—General Physical Geology

An introductory study of the origin and structure of earth materials, processes modifying earth's interior and exterior. Three lectures and four laboratory hours per week.

● GLY 152—General Historical Geology

Origin and geologic history of the earth. Methods of interpretation, fossils, geologic time measurements, time scale, physical and organic development of the earth. Three lectures and four laboratory hours per week. Prerequisite: GLY 151 or permission of instructor.

GLY 165—Principles of Environmental Geology

- An introduction to geologic processes, including flooding, coastal erosion, volcanoes, and earthquakes, and their effect on our environment. The origin, global distribution, use, and reserves of the earth's basic resources, including soils, water, minerals, rock deposits and energy resources. The role of these components and their effects on our daily lives.

GLY 321—Basic Scientific Photography

Basic history, theory and techniques of communicating concepts of science through photography. Techniques of black and white photography will be applied to recording field data and the preparation of illustrations for publication. Techniques of color photography will be applied to recording field and laboratory data for presentation in technical talks. One hour laboratory per week.

GLY 351—Elementary Crystallography and Mineralogy

An introduction to morphological crystallography and the study of the genesis, occurrence and uses of the common minerals. Laboratory work consists of study of common crystal forms and the physical identification of minerals. Three lectures and four laboratory hours a week. Prerequisites: GLY 151 and CHE 181-182.

GLY 352—Optical Mineralogy

An introduction to optical theory, the optical properties of isotropic and anisotropic minerals, and the use of the petrographic microscope. Laboratory work consists of study of petrographic procedures and techniques for identification of the common minerals.

Three lectures and four laboratory hours a week. Prerequisite: GLY 351.

GLY 353—Petrology and Petrography

An introduction to the origin, occurrence and classification of common rocks. Laboratory work consists of combined megascopic and microscopic study of rock. Three lectures and four laboratory hours a week. Prerequisite: GLY 351, 352.

GLY 355—Field Methods in Geology

Instruction in the use of the basic tools and techniques used in compiling geologic maps and cross-sections. Geologic surveying by means of pace and compass, planetable and alidade, aerial photographs, basic geophysical equipment and other commonly used instruments will be emphasized. Three lecture and four laboratory hours per week. Prerequisite: GLY 152 and MAT 152.

GLY 399—Selected Topics in Geology

GLY 411/611—Introduction to Research

The process of geological research will be studied from the scientific method through the process of writing a scientific proposal. Construction of a technical paper and the technical oral presentation. Usages of geologic terms. A proposal for a research project will be selected or assigned, a proposal written and an oral presentation of the proposed research will be made. Prerequisite: junior standing and permission of the instructor.

GLY 421, 422, 423/621, 622, 623—Museum Methods in Geology A, B, C

Practical experience in curation of geological museum specimens. Techniques include cataloging, preparation, reproduction, exhibiting and interpreting of geologic materials. Prerequisite: permission of instructor.

GLY 424/624—Applied Geophysics: Gravity and Magnetism

An introduction to gravity and magnetic methods in geophysics. Magnetic data will be collected in the field. Gravity and magnetic data will be reduced and interpreted in conjunction with the known geology. Prerequisites: MAT 152 and permission of instructor.

GLY 425/625—Applied Geophysics: Resistivity and Refraction

An introduction to electrical resistivity and seismic refraction methods in geophysics. Field collected data will be reduced and interpreted in conjunction with the known geology. Prerequisites: MAT 152 and permission of instructor.

GLY 426/626—Applied Geophysics: Reflection

An introduction to seismic reflection methods in geophysics. Field collected data will be reduced and interpreted in conjunction with the known geology. At least one other geophysical method will be utilized to support the reflection data. Prerequisites: MAT 152 and permission of instructor.

GLY 431/631—Economic Geology

An introduction to the origins of industrial and metallic mineral resources and will provide information pertaining to the exploration, discovery, and use of such resources. Laboratory work includes identification and evaluation of mineral resources and visits to mines. This course includes 2 hours of lecture and 2 hours of lab each week. Graduate students must complete a paper on an assigned topic. Prerequisites: GLY 151 and GLY 152, GLY 351 or permission of instructor.

GLY 451/651—Invertebrate Paleontology

The morphology, classification, and geologic significance of invertebrate fossils. Three lectures and four laboratory hours per week. Prerequisite: GLY 151-152, BIO 151, or approval of instructor.

GLY 452/652—Stratigraphy

Introduction to the principles and application of stratigraphy and biostratigraphy. Concepts of time, time-rock, and rock units, sedimentary facies, guide fossils and fossil range, and description of rocks in time and space, their correlation and interpretation. Three lectures and four laboratory hours per week. Prerequisite: GLY 151 and 152; GLY 451 and 459 strongly recommended. Spring quarter.

GLY 453/653—Structural Geology

Geologic structures resulting from rock formation and deformation. Attention to recognition and solution of structural problems. Three lectures and four laboratory hours per week. Prerequisite: GLY 151 and MAT 152.

GLY 459/659—Sedimentation

Introduction to the principles of sedimentation, petrologic interpretation and basic laboratory techniques. The origin and distribution of sedimentary rocks is examined from initial weathering through erosion and transportation, to environments and mechanisms of deposition. Three lectures and four laboratory hours per week. Prerequisite: GLY 152 recommended.

GLY 490—Directed Study

Well-prepared geology majors may be permitted to carry on independent study upon the recommendation of one of the geology/geography faculty. Prerequisite: permission of the instructor.

GLY 494—Bachelor of Science Senior Thesis Research

Independent field and laboratory investigation under faculty supervision. Written report required. Prerequisites: senior standing and permission of the instructor.

GLY 512/712—Seminar in Geology

The process of scientific communication will be investigated and practiced. A final paper on the student's senior research topic will be written and an oral presentation made in a formal "Technical Session" format. The student will learn to prepare visual aids to illustrate his/her paper and talk. The "Technical Session" will be organized and run by students. Prerequisites: GLY 494.

GLY 551/751—Geochemistry

The application of chemical concepts to geological problems. Five lecture hours a week. Prerequisite: GLY 151-152, 351-352, CHE 181- 182 or approval of instructor.

GLY 552/752—Introduction to Vertebrate Paleontology

The morphology, classification and geologic significance of vertebrate fossils. Three lectures and four laboratory hours per week. Prerequisite: GLY 151-152, BIO 151 or approval of instructor.

GLY 555/755—Earth Science

A systematic study of the earth as a planet, including aspects of its atmosphere, oceans, lithosphere, soils and physiography. Laboratory will emphasize the location and utilization of local, as well as regional materials for earth science teaching and learning. Three lectures and four hours of laboratory per week. Prerequisite: a foundation course in geology is recommended. Permission of instructor.

GLY 561/761—Introduction to Micropaleontology

Principles, techniques of preparation and classification of microfossils with emphasis on foraminifera, ostracodes and other animal

groups smaller than 200 microns as well as spores and pollen. Three lectures and four laboratory hours a week. Prerequisite: GLY 151-152, GLY 451, or BIO 151 or permission of instructor.

GLY 562/762—General Oceanography

An integral approach to the study of oceans with special emphasis on the biology, chemistry, and geology of ocean basins. Studies will include the ecologic, physical, and geologic features of ocean basins, as well as chemical composition of ocean water and oceanic circulation processes. Three lectures and four laboratory hours per week. Prerequisite: BIO 151, CHE 181, 182 or permission of instructor.

GLY 571/771—Geomorphology

A systematic study of land forms and the processes which create and modify them. Four lectures and two laboratory hours a week. Prerequisites: GLY 151 or GGY 350.

GLY 572/772—Geologic Evolution of the Coastal Plain

The agents of weathering, transportation and deposition of sediments and the development of coastal plain landforms. Mesozoic and Cenozoic stratigraphy and paleontology with special emphasis on the Gulf and Atlantic Coastal Plains. Four lectures and two laboratory hours per week. Prerequisite: GLY 151, 152; GLY 571 recommended.

GLY 592/792—Regional Field Geology

A field expedition involving geological investigation of a major geologic region of North America. Students make geological observations through such techniques as mapping, measuring sections, collecting scientific samples, or other standard techniques, then 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. Prerequisites: Introductory geology course and/or permission of instructor.

GLY 599/799—Selected Topics in Geology

GLY 694—Selected Problems in Geology

Independent field and laboratory investigation under faculty supervision. Written report required. Prerequisite: Permission of the instructor.

GLY 850—Geology of Georgia

For teachers of science. Origin and varieties of rocks and minerals, geological subdivisions of Georgia, structural geology of Georgia, weathering and geologic agents active in this region, geologic history and physiography of Georgia. A field trip across the state to northwest Georgia. Three lecture and four laboratory hours per week.

GLY 851—Rocks and Minerals

An introduction to the origin, occurrence, classification and use of the more common minerals and rocks. Crystallography and structural geochemistry. Laboratory work consists of the use of practical methods of mineral and rock identification. Three lecture and four laboratory hours per week. One full day field trip. Prerequisite: Five hours chemistry.

GLY 852—Principles of Geology

The basic principles of physical and historical geology including earth materials, processes involved in forming and modifying the earth's interior, surface, and the origin and development of the earth and its diverse life forms.

GLY 853—Environmental Geology

The relationship between man and the geologic environment, including flood, landslide, subsidence, earthquake, volcano and coastal erosion hazards, mineral, water and energy resources, environmental health, land-use planning, and environmental impact. Four lectures and one laboratory per week.

GLY 855—Paleontology and Evolution

A systematic discussion of biologic relationships, paleontology and the complex nature of succeeding generations. Attention will be given to the subject of ancient life and its development on earth. Four lecture and two laboratory hours per week. Prerequisites: GLY 151, 152, or BIO 151.

Georgia Southern University Courses (VPAA)

GSU 120—Freshman Seminar: Introduction to College

Helps freshmen understand the purpose of a college education, to learn about college resources and requirements, to explore values and interests, to learn to make decisions and realistic choices, to explore career objectives and programs of study, and to establish supportive relationships with faculty and staff. The course is open to interested freshmen during their first quarter at Georgia Southern. A student may apply no more than two hours credit from GSU 120 or 220 to the 190 hours required for graduation.

GSU 220—Methods of Learning

Promotes academic success. Test taking, note taking, improving memory, time management, and other useful learning skills. Open only to students with fewer than 90 hours except by referral of the Admissions Committee. Required of all freshmen with an adjusted grade point average of 1.5 or below unless they have already passed the course with a "C" or better. A student may apply no more than two hours credit from GSU 120 or 220 to the 190 hours required for graduation.

General Technology (COST)

• **GT 165—Technology, Science and Environment**

A systematic investigation of the constructs of technology in terms of their bases in scientific principles and their impact on the global environment.

GT 495—Special Problems in Technology

Individual research in technology. Prerequisites: Definition of the problem and permission of the instructor prior to the beginning of the quarter. Variable credit.

GT 499—Special Problems/Co-op

One credit hour

GT 599—Selected Topics in Technology

Scheduled on an infrequent basis to explore special areas in technology and will carry a subtitle.

GT 799—Selected Topics in Technology

Scheduled on an infrequent basis to explore special areas of technology.

GT 850—Philosophy of Technology

A systemized inquiry into technology as a branch of knowledge, including its inter-relationships with sciences, humanities, and praxes.

GT 851—The Development of American Industries

The research, inventors, technical problems and processes, and outlook of the principal American industries.

GT 852—History of Technology

The origins and development of man's mastery of his environment through technology.

GT 857—Research

Research and thesis preparation.

GT 890—Seminar in Technology

An overview of the selection, preparation, presentation and evaluation of content for junior college technology teaching. Also included is a study of the design, organization and administration of facilities for such programs.

GT 999—Thesis

The preparation and completion of the thesis. Prerequisite: GT 857.

Home Economics (CHPS)**HEC 210—Perspectives in Home Economics**

Factors and individuals influencing the history of Home Economics; present status of the discipline; future directions; and career opportunities.

HEC 222—Social Survival Skills

Etiquette and social interaction as they relate to social gatherings, the work environment and daily living. Students will be encouraged to incorporate the principles of professional and personal courtesies into their lifestyles. Appropriate for all majors. Class will meet one evening session during the quarter.

HEC 399/599—Selected Topics in Home Economics**HEC 410—Senior Seminar**

Students will complete a Life Work Planning Process; learn to prepare professional correspondence, develop an effective resume, and practice successful interviewing techniques. Senior Status, any major.

HEC 438—Resource Management Theory

Analyzes use of resources in the management process; applies principles of management, decision-making and human relationships to a variety of individual and family settings, ranging from the traditional to the handicapped.

HEC 486—Family Economics and Personal Finance

Considers the consumer in American society; management of family financial resources, legal protection and consumer responsibility in the marketplace.

HEC 488—Resource Management Laboratory

Resource management principles are applied in simulated residential environments. Relates management principles to specific individual and familial conditions. Advance registration with Division Director required. Students pay campus housing fee and meal plan is designated by instructor. Requires 2.0 GPA for admission and a minimum of 135 hours credit toward the major. Prerequisites: FCS 271; IDH 385; NFS 151, 351, 352; HEC 457, 486.

HEC 490—Special Problems in Home Economics

Fits needs of transfers and advanced undergraduate students. Content designed to add depth to the student's planned program. Individual projects required. Prerequisite: Permission of Department Chair. Variable credit.

HEC 491—Internship in Home Economics

Supervised work-study program with selected agencies which perform professional services related to the precepts of Home Economics. Work sites will be selected by students and approved by

the student's advisor. Students enrolled in the program must agree to abide by regulations governing all employees of the sponsor. Prerequisites: Approval by advisor and Department Chair. 10-15 hours credit.

HEC 580—Promotional Techniques

Materials and techniques applicable to the major's professional performance.

HEC 573—Children: Development and Relationships

Concentrated study of child growth and development from conception to age six years. Films, video tapes and unsupervised experiences with children outside of child development laboratories supplement classroom activities. Primarily for employed public school teachers seeking certification in Early Childhood Education. Not for resident student. Prerequisite: Senior or Graduate standing. Not a substitute for FCS 471 without prior approval from head of major program.

HEC 780—Promotional Techniques

Focuses on materials and techniques applicable to the major's professional performance.

HEC 795—Special Problems

Analysis, review and development of instructional materials, strategies for Home Economics programs within specified content areas. Emphasis upon individualization of instruction and evaluation of curriculum materials. Admission upon recommendation of State Department of Education. Five hours credit each quarter, with maximum of fifteen hours permitted toward degree requirements.

HEC 799—Selected Topics in Home Economics

This seminar will allow graduate students and faculty to interact and exchange information on the latest topics in Home Economics and other related fields. Prerequisite: Introductory Nutrition.

Higher Education (COE)**HED 850—Introduction to Higher Education Administration**

Overview of the evolution and organization of American higher education. Examines the dominant philosophical, organizational, managerial themes shaping the nation's system of post-secondary education. Considers historical precedents that shaped the structuring and management of vocational/technical institutes, 2-year and 4-year colleges, and comprehensive universities. Participants will be introduced to the seminal literature that supports advanced study in higher education administration.

HED 851—American College Students

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. A broad introduction to research on students in a broad range of developmental and sociological areas.

HED 853—Trends and Issues in American Higher Education

In-depth examination of critical issues confronting American postsecondary education. Intended for individuals preparing to become administrators, policy planners, and faculty at vocational/technical schools, two- and four-year colleges, and comprehensive universities. Engages participants in an analysis of issues/problems confronting a variety of structurally-different postsecondary institutions. Prerequisite: EDL/HED 850.

HED 854—Organization Administration and Governance of Higher Education

Application of organization and administrative theory, with emphasis on higher education policy development. The dynamics of

modern post-secondary institutions as well as traditional and emerging managerial patterns. The use of contemporary organizational constructs and paradigms enables participants to analyze a variety of contemporary problems and situations in postsecondary institutions. Prerequisite: EDL/HED 850.

HED 855—The Two-year College

An intensive examination of the educational mission of the 2-year postsecondary institution (vocational/technical institutes and community colleges). Emphasizes the philosophical, pedagogical, and organizational underpinnings of 2-year institutions with emphasis on their historical development, student clientele, and educational mission. A problem-centered learning approach examines the unique challenges confronting the 2-year institution in the current area. Prerequisite: EDL/HED 850.

HED 857—Financial Management in Postsecondary Education

Financial management and budgeting practices internal to postsecondary institutions. For persons seeking a working knowledge of budget development, financial management, and fiduciary control in vocational/technical schools, two- and four-year colleges, and comprehensive universities. Prerequisite: EDL/HED 850.

HED 868—Ethical And Professional Issues in Higher Education

Provides students with the knowledge and skills necessary to practice student affairs within the professional and ethical boundaries mandated by the law and by professional standards of practice.

HED 872—Student Services in Higher Education

Introduces student services in higher education. Traces the development of student services and explores the issues that lead to initiation in student services. Interfaces with others taken by students preparing for professional roles in counseling and higher education.

HED 893—Directed Individual Study

A topic of interest and importance in post-secondary student services. The study will be directed by the instructor. Variable credit up to a maximum of 15 quarter hours.

HED 894—Internship in Higher Education

Supervised field experience for students in the 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. Prerequisites: 15 hours of higher education courses and CED 852 and CED 863.

HED 895—Action Research in Education

Action research skills are needed by student service personnel in higher education. Each student will prepare a comprehensive research proposal related to a practical problem in higher education. Proposals will be implemented and reported in an appropriate format. Variable credit up to a maximum of 15 quarter hours.

HED 999—Thesis in Higher Education

Empirical and theoretical research conducted on a topic related to higher education student services directed by the candidate's thesis advisor. Normally two quarters are required for completion of a thesis in higher education student services with five hours credit per quarter. Prerequisites: A minimum of 35 hours completed toward the degree to include EDR 751 and EDR 761, and permission of the advisor.

History (CLASS)

● **HIS 152—Development of Civilization to 1650**

A survey of the human experience from the Stone Age to the empires of the seventeenth century.

● **HIS 153—Development of Civilization Since 1650**

A survey of the major historical developments which have transformed human experience since 1650.

● **HIS 252—The United States to 1877**

A survey of American history from its colonial origins to the end of Reconstruction.

● **HIS 253—The United States Since 1877**

A survey of American history from the end of Reconstruction to the present.

HIS 350—An Introduction to History

The dimensions and techniques of history including the processes of research and style.

HIS/AS/WGS 351—Women in American History

The role of women in the political, economic, social and intellectual life of the United States.

HIS/AS/AAS 352—African American History to 1877

African background to Reconstruction. The history of the thought and actions of people of African ancestry in the United States from their origins in Africa to 1877.

HIS/AS/AAS 353—African American History since 1877

A continuation of History 352. The history of the African American experience since 1877, with emphasis on two transitions: from rural America in the fifties and from segregation to civil rights.

HIS 355—Modern Japan

Japan through the Tokugawa period to its nineteenth century emergence from isolation and growth as a world power with emphasis on traditional culture, industrialization, and post-WW II society.

HIS 357—History of Greece

A survey of Greek history from the Minoan and Mycenaean civilizations to the Roman conquest. Prerequisite: HIS 152.

HIS 358—History of Rome

A survey of Roman history and society from the beginnings to the fall of the empire in the West, with special attention to the period from the late Roman Republic to the early Roman Empire. Prerequisite: HIS 152.

HIS 359—The Renaissance

Humankind's greater emphasis upon explorations of the past, the geographic world, and the capacity to create.

HIS 360—Global Economic Trends of the Modern Era

Historic and recent events contributing to Western prosperity and its global impact. Economic philosophy; the industrial revolution and its effects; historical patterns of economic development; growth of a world economy and economic systems; economic nationalism, imperialism, and trade; global economic issues.

HIS 361—History of England to 1688

A survey of English history from the Roman invasion of Britain in 55 B.C. to the "Glorious Revolution" of 1688.

HIS 362—History of England, 1688 to the Present

A survey of modern British history from the "Glorious Revolution" of 1688 to the present.

HIS 365—Europe since 1914

Causes and results of the First and Second World Wars with emphasis on political, social, economic and cultural problems in the two postwar periods.

HIS 366—Germany: 1648 to the Present

Modern German history, outlining the origins of Prussia, Bismarck's power politics and the rise and fall of Hitler's Third Reich.

HIS 367—Modern China

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.

HIS 368—Diplomatic History: 1870 to the Present

An overview of European diplomatic development, centering its attention on the First and Second World Wars and the postwar efforts toward international stability.

HIS 369—World War I

The background, origins, diplomacy, tactics, strategy, critical turning points, conclusion, meaning, and impact of World War I on the development of Western Civilization

HIS 370—American Military History

A general study of American military activities in war and peace, including policy, administration, and the role of armed services in American history.

HIS/LAS 371—Latin America: The Colonial Period

A survey of the discovery, conquest, and colonization of Latin America by the Spanish and Portuguese from the pre-Columbian era to the struggles for independence.

HIS 372—Modern Southeast Asia

Common themes of the region from 1600, including the impact of the West, the nationalist response, and the post-WW II rise of a modern community of nations.

HIS/LAS/AAS 373—Mexico and the Caribbean

The conquest and establishment of Hispanic culture in Mexico and the Caribbean, with particular emphasis on developments in Mexico, Cuba and Hispaniola since their independence.

HIS/LAS 374—A.B.C. Powers

A survey of the political, economic, social, and cultural development of Argentina, Brazil and Chile from their struggles for independence to the present.

HIS 375—Islamic Civilization

The institutions and cultural achievements of the Islamic world from Morocco to Indonesia, with special emphasis on the origins and distinctive characteristics of Islam as both religion and ideology.

HIS 377—Russia to 1917

A survey of the evolution of the Russian people from their Kievan origins to the Revolution of 1917. Emphasis will be placed on the elements of continuity between Czarist Russia and the Soviet Union.

HIS/AS 380—American Society and Thought

Fashions and fads, manners and morals, the impact of a sense of mission, mobility, Puritanism, slavery, Darwinism and Freud on the American mind and character through the 1920's.

HIS/RS 381—Introduction to the History of Religion in the United States

A survey and analysis of the major religious patterns in the United States with special attention given to belief systems, institutional forms, social composition and historical development.

HIS 382—The Middle Ages

The restructuring of western society on a fundamentally Germanic, Latin and Christian foundation.

HIS/RS 384—Heresy and Dissent in Western Religious History

A careful study of minorities and heretics in western religious history with special emphasis on belief systems, historical continuity, intolerance and persecution and the unique contributions of minorities to the dominant society.

HIS/AAS 385—History of Sub-Saharan Africa I

A survey of the history of Sub-Saharan Africa from the origins to 1800, including developments in culture, society, politics and foreign relations, especially with the Islamic and Western World.

HIS/AAS 386—History of Sub-Saharan Africa II

A survey of the history of Sub-Saharan Africa from 1800 to the present, including developments in culture, society, politics and foreign relations especially with the Islamic and Western worlds.

HIS/WGS 387—Women in Modern European History

The impact of economic, social, and political events on women in Western Europe since 1789.

HIS 388—American Indian History

Surveys the major themes in American Indian history from the period prior to European contact to the present. Included are specific case studies that highlight particular issues.

HIS 389—19th-Century Europe

The main political, social, economic, and cultural developments of the nineteenth century, with emphasis on the problems of nationalism, industrialization, revolution and the cultural movements of Romanticism and Realism.

HIS 399/599—Selected Topics in History**HIS 450—Georgia History**

A detailed study of all aspects of Georgia history from colonization to the present. A field trip is made to places of historic interest in the state. (Satisfies state requirements for Georgia Constitution and Georgia history)

HIS/RS 451/651—The Age of the Reformation

The history of Europe in the sixteenth and early seventeenth centuries, with special emphasis on the great religious upheaval of that period and its interrelationship with other aspects of history.

HIS 452/652—The Civil War and Reconstruction

The causes of the Civil War and a study of domestic affairs and foreign relations during the war period with special emphasis on the political, social and economic aspects of Reconstruction.

HIS 453/653—The Age of Reform: Populism, Progressivism and the New Deal

The reform movements in the United States from the 1890's to World War II, with emphasis on agrarian discontent, progressivism, the impact of foreign policy, the Great Depression and the sweeping changes of the New Deal period.

HIS 455—The Young Republic, 1788-1848

A survey of U.S. history from the Ratification of the Constitution through the end of the war with Mexico. Major aspects of American politics, economy, and culture as the country expanded to the Pacific. Prerequisite: HIS 252

HIS 457/657—The Eastern Frontier: 1607 to the Indian Removals

The moving frontier with emphasis on the physical advance into the wilderness, the Indian wars, fur trade and cultural and social developments which characterized the westward migration.

HIS 458/658—The New South

The historical background and the political, economic, and cultural patterns of the twentieth-century South with emphasis on Georgia's place in the regional picture.

HIS/AS 459—American Biography

The major political, social, and intellectual figures who made outstanding contributions in the development of American history.

HIS 460/660—The American West

The expansion and settlement of the West, including the fur trade, territorial expansion, pioneer life, spread of statehood, mining and cattle frontiers, western railroads and Indian relations.

HIS 461/661—History of the Soviet Union

The Bolshevik Revolution and of the Soviet Union to the present day. Domestic political events will be related to the social and economic bases of Russia and the Soviet Union. Moscow's place in world affairs will be examined.

HIS/AS 462—American Economic History

The economic growth of the United States and the factors which have shaped this development including the role of financial and business organizations.

HIS 463—Diplomatic History of the United States

The background of American diplomatic history with analysis of revolutionary shifts in policy and action brought about by continuing crises of the Atomic Age.

HIS 464—Imperialism and Decolonization, 1875-Present

During the period 1875-1920, the industrialized nations of the West carved out territories in most of Africa and Asia, only to lose almost all of them by 1970. This course analyzes the historiographical treatment of causes of the "new imperialism," the debate over imperialism's effects, and the process of decolonization.

HIS/AS 465—The Birth of the Republic

The colonial and revolutionary periods of American history.

HIS 467/667—Major Themes in Western Religious History

A thematic approach to the history of religion in the West. Such themes as church-state relations, the quest for authority, the development of religious institutions, the role of heresy and dissent and attempts at unity.

HIS 468—Rise of America to World Power, 1775-1900

A survey of American foreign policy from the Revolution to the aftermath of the Spanish-American War. Prerequisite: HIS 252.

HIS 469/669—World War II

The Second World War from its origins to its consequences. The military campaigns are covered, with emphasis on the personalities, the technology, the national policies and the effect of the war on the home fronts.

HIS 471—America as a World Power since 1900

A survey of American foreign policy from the aftermath of the Spanish-American War to the present. Prerequisite: HIS 253.

HIS 472/672—War and Society, 1618 to the Present

An analysis of how warfare molds society and is in turn molded by it—from the days of the matchlock to the age of the guided missile.

HIS 476/676—Recent America: United States since 1945

The United States since World War II, including developments in American society, economy, politics and foreign policy.

HIS/AAS 477/677—History of African Nationalism

A survey of the history of modern African nationalism since the 19th century. The anti-colonial struggle, the recovery of national independence and post-colonial problems.

HIS 478/678—Modern Spain and Portugal

A cultural and political history of Spain and Portugal from 1700 to the present.

HIS 479—Reading for Honors in History**HIS 480/680—History of the Antebellum South**

The development of southern economic, social, and political institutions to 1860.

HIS/AS 481—Constitutional History of the United States

The development of American constitutionalism from the colonial period to the present with emphasis on the adaptation of the federal system to changing social, economic and political demands.

HIS 482/682—From Louis XIV to Napoleon, 1660-1815

The political, social and cultural currents of the Old Regime, the French Revolution and the Napoleonic Era.

HIS 483/683—From Empire to Republic, 1815-1914

Continuity and change in the political, social and intellectual currents of nineteenth-century France.

HIS 484/684—Twentieth-Century France, 1914 to the Present

The political, social and intellectual currents which have shaped the French experience in the twentieth century.

HIS 486/686—Modern Britain

The political, economic and social history of England beginning with the Reform Bill of 1867.

HIS 489/689—The Modern Middle East

The Middle East since World War I, Zionism, nationalism, and Islamic revolutionary movements.

HIS 496/696—Topics in Business History

Various topics allow a broad survey of significant issues in business history or an intensive treatment of a specific theme. Prerequisites: HIS 252 or HIS 253 recommended but not required.

HIS 499/699—Special Problems in History

Independent study for advanced students in history. Prerequisite: approval of department head.

HIS 585/785—The Age of Chivalry: Europe, 1100-1300

The society and culture of Europe during the High Middle Ages. It takes a primarily structural and thematic approach in order to familiarize the student with the lives and attitudes of medieval people.

HIS 599—Selected Topics in History

HIS 673—Naval Warfare: from the Armada to the Atomic Age

A survey of the policies and practices of modern naval warfare from the Spanish Armada to the advent of nuclear vessels.

HIS 850—History of England, 1760-1867

An intensive study of the era of George III and the reform movement.

HIS 858—Seminar in American History**HIS 859—Seminar in European History****HIS 860—Ancient History**

The development of civilizations in the ancient Near East, Greece, and Rome.

HIS 864—Europe, 1870-1914

A topical approach to major themes in European history in the decades immediately preceding the First World War. Special attention is paid to the domestic political situations of France, Germany, Russia and Austria-Hungary; the new imperialism, the history of science and ideas; and the diplomatic background of the war itself.

HIS 869—The Age of Jackson

An intensive study of liberal democracy and resulting political cleavages from the revival of nationalism in 1815 to the emergence of sectionalism in 1840.

HIS 870—The American Colonies

A detailed examination of events, institutions, personalities and ideas in colonial history that mark the seventeenth and eighteenth centuries as the formative period of American civilization.

HIS 871—The Revolutionary Era

A topical study tracing the American search for national identity from colonial wars to the Constitution.

HIS 875—Foundations of Modern America, 1877-1917

The political, economic, social, intellectual, and foreign affairs of the United States between 1877-1917.

HIS 880—Studies in Georgia History

Specialized studies in Georgia History.

HIS 884—Topics in Modern East Asia

Selected topics in the nineteenth and twentieth century international, political, economic, social, intellectual, or contemporary developments in East Asia. May be repeated as topics and instructors vary.

HIS 999—Thesis

Planned research and writing directed by the student's thesis advisor. Normally, a student will register for 5 hours credit per quarter, using one quarter for research and one quarter for writing.

Honors (Bell Honors Program)**HON 111-112-113—The Freshman Honors Seminar**

An integrated three-quarter sequence of weekly seminars, involving reading and discussion about a focal topic or problem, or about a set of interrelated topics or problems. Approach and content are determined by the instructor whose proposal is selected each year by the Honors Council. (Sequence of three one-hour courses) Fall, winter, spring quarters of freshman year.

HON 191, 192, 193—The Languages and Mind of the Sciences, I, II, III

An articulated three-quarter course introducing students to the languages, methods, modes of thought of the physical sciences, with particular emphasis on nurturing the student's understanding of mathematics. Introduction to the use of computers. Students completing this course are equipped to enter the second calculus course. (Sequence of one four-hour, two three-hour courses) Fall, winter, and spring quarters of freshman year.

HON 131—Social Science Perspectives: The Human Dawn

An interdisciplinary approach to tracing the development of civilization from the earliest cultures, East and West, down to the waning of Roman power in the West and the cresting of Gupta power in India. Winter quarter of freshman year.

HON 132—Social Science Perspectives: Medieval Cultures

An interdisciplinary continuation of Honors 131, down through the age of Tamerlane, Dante, and the high tide of Ottoman power in the Middle East. Spring quarter of freshman year.

HON 133—Social Science Perspectives: The Genesis of Modern Cultures

An interdisciplinary continuation of Honors 132, from the era of the high Renaissance in the West, the Ming period in China, and the cresting of the Incan Empire, via the Protestant Revolt, the age of explorations, the Mughal Empire in India, the scientific revolution and Enlightenment, down to the end of the age of Napoleon. Fall quarter of sophomore year.

HON 134—Social Science Perspectives: The Foundations of Contemporary Cultures

An interdisciplinary continuation of Honors 133, analyzing critical developments in the nineteenth and twentieth centuries, down to the end of the second world war. Winter quarter of sophomore year.

HON 135—Social Science Perspectives: The Nature of Contemporary Cultures

An interdisciplinary conclusion to the sequence, aimed at broadening and deepening understanding of the diversity of cultures and cultural relationships characteristic of the world today. Spring quarter of sophomore year.

HON 250—Ideas and the Arts

An interdisciplinary introduction to philosophy and the fine arts and their interrelationships. Spring quarter of sophomore year.

Health (CHPS)**HTH 120—Orientation to Physical and Occupational Therapy**

Orientation to the professions of physical therapy and occupational therapy. Provides students with an understanding of each profession, the role of each profession in health care delivery, and the requirements for admission to professional education in each profession.

● **HTH 131—Personal Health Promotion**

Emphasis on critical health issues. Enables the student to evaluate his/her present health status and learn how to achieve an optimum level of health.

HTH 230—Introduction to Health Education and Practice

Introduces students to the field of health education. Historical figures and movements in health education, learning theories, responsibilities of health educators in various settings, program development, ethical issues and emerging issues in the field.

HTH 320—First Aid

Theory and practice of administering first aid to victims of accidents and sudden illness. American Red Cross “Standard First Aid and Personal Safety” and “CPR” Certification.

HTH 321—Medical Terminology

Provides a working knowledge of the elements of terms related to the human body in health and disease. Descriptive definitions and applications of practical significance are included with emphasis on the meaning of word roots and combining forms.

HTH 350—Health and Disease

Based upon the most current and accurate health information, students examine morbidity and mortality data with an emphasis on health promotion and interventions targeted to identified needs. Prerequisites: HTH 131 or BIO 271.

HTH 351—Sexuality Education for the Health Professions

Contemporary issues in human sexuality and prepare health professionals to conduct sexuality education with diverse populations in a variety of settings such as the school, community, worksite and others. Helps students increase their knowledge of sexuality content, improve their ability to educate about and promote sexual health, develop skills for improved communication and other related process skills, and increase their comfort with human sexuality in general.

HTH 352—Drug-related Issues for the Health Professional

Legal and illegal drug use and abuse in the United States. Issues related to prescription drugs, over-the-counter drugs, experimental drugs, alcohol, tobacco, and illegal drugs, including social, cultural, political, economic, gender-related, and historical concerns. Additionally, the nature and foundations of education and prevention efforts.

HTH353—Consumer Health

Prepares individuals to make intelligent decisions regarding the purchasing and use of health products and services that will have a direct effect on their health.

HTH 431—Needs Assessment in Health Promotion

A variety of techniques for assessing the health promotion needs of various target populations. An overview of the settings, specific target audiences, and qualitative and quantitative assessment techniques will be provided.

HTH 432—Implementation Techniques in Health Promotion

A variety of techniques enable students to develop and practice the skills necessary for the effective delivery of health promotion programs to various target populations (e.g., community, medical, worksite, etc.). Facilitation and communication skills, learning conditions, and instructional techniques will be examined and applied to health promotion. Additionally, practical experiences in the use of social marketing concepts for health promotion.

HTH 451—Community Health Education

An overview of public and environmental health concepts. Contemporary issues include health services, health promotion, politics of health care and a variety of other public health issues. Prerequisite: HTH 350.

HTH 491—Internship in Health Science

Supervised work-study program in a health related setting. Students are expected to interview for positions which are pre-approved by the internship supervisor. (A 2.0 GPA and completion of all other coursework is required to enroll in this course.)

HTH 495—Special Problems

An opportunity for advanced students to pursue a health oriented problem.

HTH 520—Health Education Internship Seminar

This two hour seminar is for Health Science Majors preparing for internship. Professional practice issues (including professional ethics), career enhancement strategies, and department expectations for intern sites and students.

HTH 531—Health for Elementary Schools

Introduces the student to the basic phases of the elementary school program from grades K-8. Primarily for teacher education but should be of interest to educators in general and community health workers in clarifying problems as they relate to the elementary school health program. One-hour lecture and two-hour laboratories per week.

HTH 537—Health Promotion Program Planning

Theory and practical applications of planning, developing, and implementing health promotion programs in a variety of settings. A global approach to planning with emphasis on the worksite, hospital, and the community (including the school) as settings for health promotion programming, plus resources available to health educators.

HTH 538—Evaluation of Health Promotion Programs

Introduces students to data collection procedures, ethical issues surrounding evaluation, interpreting results of a program evaluation, and development of an evaluation instrument in a variety of settings such as corporate based health promotions programs, hospital based programs, community based programs, and health promotion programs in education settings.

HTH 550—General Safety and First Aid

The nature and scope of the accident problem, with emphasis on accident causation and prevention. Also, the theory and practice of administering first aid to victims of accidents and sudden illness. American Red Cross “Standard First Aid and Personal Safety” and “CPR” Certification.

HTH 555—Organization and Materials of the School Health Program

Involves the student with three phases of the school health program, health education, health services and the healthful school environment, as they relate to grades 9 through 12.

HTH 556—Organization and Development of School Health Program

Involves the student in the concepts of the total school health program including historical and legal basis, general organizational aspects and principles and trends of the field.

HTH 652—Nutrition

Nutrition, as a major component of lifestyle, is related to enhancement of health and contribution to illness. Basic concepts of nutrition and various “diets.”

HTH 658—Human Development and Health Issues

Contemporary problems and issues regarding the enhancement of health and the elimination of illness/injury, lifestyles and socio-political factors relative to optimum health per age and groupings.

HTH 659—Survey of Gerontology

Introduces students to the elements necessary for understanding the aging situation. Emphasis on the physiological and functional changes associated with the aging process: chronic diseases, ill-

ness and morbidity, death and dying, and effects of aging on health, attitudes and activities. Research methods in gerontology, major public policy issues and financial issues.

HTH 756—Women's Health Issues

Health issues that concern women throughout the life cycle, the physiological, psychosocial, cultural, and political impact upon women's well-being.

HTH 760—Health Administration

Current and prospective issues in health administration. The use of models and simulation for decision making and control in health administration.

HTH 763—Education Strategies for Chemical Dependency Instruction

Educational strategies and techniques of teaching material related to chemical dependency. Techniques of presenting instruction will be related to precursors to abuse; physiological and psychological effects; rehabilitation methods and costs to society. Prerequisite: PSY 150.

HTH 764—Health and Human Sexuality for Educators

Issues related to the topic of human sexuality, with emphasis on human sexuality education. An orientation to sexual anatomy and physiology, sexual health, gender issues, and curriculum models. Prerequisite: BIO 151 or BIO 271.

HTH 770—Health Information Systems

The role and development of information systems in administration of health programs; development of process and outcome measures from program objectives; information acquisition, processing, reporting; and decision making.

HTH 773—Health Finance and Budgeting

Application of the principles of financial management to the systems involved in the delivery of health care. Prerequisite: Basic accounting, Bachelor's or Master's level, or prep seminar in accounting, e.g. BA 740 or equivalent.

HTH 774—Health Care Management

An overview of management and policy concepts and issues pertaining to health care facilities, personnel and programs.

HTH 781—Nutrition and Health

Health risk reduction through nutritional counseling and health education. Advanced concepts of nutrition are studied. Prerequisite: HTH 652 or permission of the instructor.

HTH 861—Health Law-ethics

The legal basis and ethical dimensions of health care decision making. Giving the student philosophical underpinning to discussions of specific legal and ethical topics in health care.

HTH 862—Political Sociology of Health Care - the Consumer, the Provider, the State, Local, Federal Policies

The economic/political/social milieu in which health care exists. Constraints and demands of directing mores and legislation and their influences on lifestyles.

HTH 863—Marketing Health - an Interdisciplinary Approach

From the point of view of social scientists and business and health professionals, the selling of health using educational techniques is undertaken. The incorporation of concepts of health into lifestyle. The Human Development model is used.

HTH 865—Epidemiology

The application of ecology to health and illness. The various factors and conditions that determine the occurrence and distribution of health, disease and death among groups of individuals.

HTH 870—Health Planning and Evaluation

Planning and evaluation of health programs in a variety of settings.

HTH 880—Biostatistics

Statistics in public health and related Health Sciences. Sampling, including non-sampling errors, hypothesis testing, confidence intervals, categorical data analysis, regression and correlation. Emphasis on health data analysis applications with computer statistical software packages. Lectures and laboratory assignments.

HTH 881—Research Methods in Health Science

Development and presentation of practicum and research proposals. Additional emphasis is placed on writing skills in research and grant applications. Prerequisite: HTH 880.

Interior Design and Housing (CHPS)

IDH 281—Housing and Interiors

The principles and elements of design are introduced through lecture, visual aids, and lab experiences. The aesthetics and economic values of housing design, the building environment, and interior furnishings. Architectural styles, space planning, the basic materials and finishes of interior, and the interior design profession. Field Trips.

IDH 282—Presentation in Interior Design I

Fundamental execution of interior design problems to refine presentation skills. Measured and freehand perspectives, mixed media renderings, detail drawings, and model buildings. Presentations in oral and visual form. Prerequisites: TD 152, IDH 281, ART 257.

IDH 283—Workroom I

Professional techniques for sketching, designing, and constructing soft interior furnishings. Includes both freehand and computer generated sketches; measuring problems; and exposure to workroom procedures. Field Trips. Prerequisite: IDH 281 or permission of instructor.

IDH 380—Textiles for Interiors

The production, specifications and regulations, and serviceability of textiles for residential and commercial design. Emphasis on soft floor coverings, upholstered furniture, textile wall and window coverings and other current developments in institutional and residential textiles. Field trips required. Prerequisite: IDH 281.

IDH 381—Residential Interior Design

Fundamentals of design as applied to the residential setting are explored through the use of the design process incorporating human factors, space planning, furniture layout, and selection of materials and finishes. Extensive residential projects for various populations are completed and presented in professional graphic and oral presentation form. Field Trips. Prerequisites: IDH 282, IDH 380, ART 352.

IDH 382—Survey of Interiors: Historical

Development of architectural styles and interior period furnishings from the Egyptians to 1900 including design technology. The student will study the relationship of the historic interior on today's interior. Field trips.

IDH 383—Contemporary Furnishings

Emphasis on architecture, architects, interior designers, furniture designers, products, and the history of the contemporary design movement since 1900. Field Trips. Prerequisite: IDH 281.

IDH 385—Interior Systems & Equipment

Considers selection, use and care of HVAC and other equipment and appliances. Principles of physics and design related to performance and safety. Kitchen design project. Five lectures.

IDH 481—Interior Accessories

Historical through contemporary accessories. Application of design principles and elements in selection and arrangement of accessories. A study of materials used: glass, metals, ceramics, and textiles. Selection and framing of artwork. Field Trips. Prerequisite: IDH 381.

IDH 482—Workroom II

Cost estimation, specifications, and working drawing of custom interior detailing. Techniques and principles involved in the selection and installation of materials and finishings as they apply to the design of interior components. Wall covering, floor coverings, window treatments, and upholstery. Field Trips. Prerequisites: IDH 282, IDH 283, IDH 380.

IDH 485—Lighting for Interiors

The application of elements and principles of lighting to the design of the visual environment. Lighting quality, quantity, economics and aesthetics. Prerequisites: IDH 281, IDH 381, IDH 385. Three hours lecture and four hours lab per week.

IDH 486—Contract Interior Design

Fundamentals of commercial space planning and programming which includes selection of furniture, fixtures, and equipment, specification writing, interior construction and building systems, building codes, and cost estimation. Problem solving of both small and large scale projects is explored through oral and graphic representation. Field Trips. Prerequisites: IDH 381, IDH 482, IDH 485, BCC 431.

IDH 487—Professional Practices and Procedures for Interior Design

Professional procedures in the Interior Design profession, including business practices involving contracts, fees, forms and licenses; professional organizations; ethical constraints; and, relationships within the various segments of the profession. Prerequisite: IDH 486, Senior Status, ECO 260 or ACC 260.

IDH 491—Internship in Interior Design and housing

Supervised work-study program in interior design and housing. Students are expected to interview for positions in facilities which are approved by internship director. 10-15 hours credit. Prerequisites: consent of Department Chair and instructor.

IDH 585/785—Kitchen Design

A study and application of kitchen designing principles. Designing, planning, drawing, and writing specifications for functional, aesthetically pleasing and special needs kitchens. Field trips will be part of the course.

IDH 887—Readings in Housing

Survey of current literature in selected areas of housing; discussion of current research trends; use of resource material in the field.

Industrial Engineering Technology (COST)**IET 320—Industrial Safety**

Development, programs, and practices of safety in modern industry. Two single lecture periods.

IET 333—Introduction to Industrial Engineering Technology

An overview of the field of industrial engineering technology including its historical development and its application to the usual industrial organization. Many of the topics considered will be further developed in specific major courses that follow. Guest speakers and field trips may involve additional time beyond the scheduled class hour. Three single lecture periods. Prerequisite: ES 121.

IET 335—Job Evaluation

A survey of the basic principles and significance of job evaluation, current practices and techniques used in job analysis, job descriptions, and job evaluation. Prerequisite: IET 333. Three single lecture periods.

IET 352—Productivity Measurement and Improvement

Various methods and tools used in industry and business to measure and improve work productivity. Content areas include motion study, time study, predetermined time standards systems, work factors, work sampling, incentive systems, ergonomics, and other special topics for methods improvement and work measurement. Four single lecture periods and one two-hour lab. Prerequisite: IM 352 or consent of instructor

IET 399—Selected Topics in IET

Study of industrial engineering technology course topics not generally offered by the department. One to 15 credits.

IET 422—Project Planning and Control

Project scheduling and management, including program evaluation and review technique (PERT), critical path methods (CPM), line balancing techniques, job scheduling, and related problems. Computer applications will be used for selected topics. One lecture period and one two-hour lab period. Prerequisites: Math 152 or 165, IET 333 or permission of instructor.

IET 450—Production Planning

Planning, tooling, production, and material problems involved in the manufacture of products. Five single lecture periods. Prerequisite: IET 451.

IET 451—Plant Layout and Materials Handling

The fundamental theories, practices, and methods for the design of manufacturing and service facilities; materials handling equipment and services. Three single lecture periods and two two-hour labs. Prerequisite: IET 352, or consent of the instructor.

IET 452—Introduction to Robotics and Computer Integrated Manufacturing

An introduction to basic robotics and computer integrated manufacturing and their applications in industries. Lab experiments give students the hands-on experience on the programming and integration of robots and CIM technologies in real manufacturing systems. Five credit hours. Three single lecture periods and two two-hour labs. Prerequisite: Math 152, ES 231, or consent of the instructor.

IET 453—Industrial Systems Simulation

The modeling and analysis of real-world industrial systems by discrete and/or continuous simulation methods. Some popular simulation software packages will be taught and used as the modeling tool. Four single lecture periods and one two-hour laboratory. Prerequisites: IM 352 or consent of the instructor.

IET 454—Quality Assurance

A comprehensive approach to the improvement of quality, productivity, and competitive position for industry and business. The course focuses on the Deming philosophy and applications, provides tools to analyze and improve industrial processes, and includes quality improvement case studies. Gives students a sound understanding

of the principles and the bases of application to a wide-variety of product and non-product environments. Four single lecture periods and one two-hour laboratory. Prerequisite: IM 352

IET 455—Senior Project

A culmination of an Industrial Engineering Technology student's degree work. It requires students to apply knowledge gained from all IET courses to solve an industrial engineering problem under the supervision of a faculty member. Conducted in an industrial setting or as an individual research on an approved subject. A project proposal, a number of interim progress reports, a final written report and a final oral presentation are required. Prerequisite: Senior standing in IET.

IET 481—Engineering Economy

The principles and techniques needed to make decisions about the acquisition and retirement of capital goods; the output and life of equipment, its operating costs, its depreciation rates and its economic selection. Five single lecture periods. Prerequisite: MAT 152 or 165.

IET 490—Directed Independent Study

An individualized study involving research and applications pertaining to Industrial Engineering Technology. Credit 1-5 hours. Prerequisite: Senior standing and definition of project 6 weeks prior to enrollment.

IET 495—Special Problems

Specialized study in areas of Industrial Engineering Technology not otherwise offered in the elective program. May be taken for repeated credit up to 15 hours.

Industrial Management (COST)

IM 351—Introduction to Industrial Management

The development, organization and operation of manufacturing industries.

IM 352—Applied Industrial Statistics

A lab-based approach to introduce statistical concepts and their applications in various industrial processes. Industrial data descriptions and analysis, probability distributions, statistical inference, hypotheses testing, design of industrial experiments, and statistical process control tools. A sequence of eight "hands-on" experiments in real manufacturing settings will be employed to assist students learning statistical methods. Discussion of industrial case studies will be provided. Five credit hours. Three single and two double periods. Prerequisite: Ten hours math.

IM 451—Senior Projects

An application course in manufacturing projects including planning, controlling, and cost estimating as well as selection of materials and processes suitable for efficient production. Prerequisites: MT 450, IET 450, IET 422 or consent of the instructor.

IM 452—Manufacturing Enterprise Assessment

A senior level manufacturing management seminar treatment of actual problems related to manufacturing production systems, quality management, global monitoring and benchmarking and other manufacturing management areas. Prerequisites: IM 351, senior standing, or permission of instructor.

IM 454—Quality Assurance

A comprehensive approach to the improvement of quality, productivity, and competitive position for industry and business. Focuses on the Deming philosophy and applications, provides tools to analyze and improve industrial processes, and includes quality improvement case studies. Gives students a sound understanding of the principles and basis of application to a wide variety of product and

non-product environments. Four single lecture periods and one two-hour laboratory. Prerequisite: IM 352.

IM 471/671—Industrial Supervision

The practical problems of front line supervision and the application of manufacturing management and leadership principles to individuals and groups. Prerequisite: IM 351.

IM 495/695—Special Problems in Industrial Management

Individual research in the area of industrial production. Prerequisite: definition of the problem, permission of the instructor six weeks prior to the beginning of the quarter and a "B" or better average in IM 351 and 452. Variable credit.

IM 550/750—Ergonomics

The application of human factors and employee input in the design, planning, control and operation of industrial systems. Emphasis on participatory ergonomics as it relates to the involvement of workers in decisions which directly affect their well-being. A broad scope of physiological and psychological factors and how they relate to the successful operation of a system. Five lecture periods per week. Prerequisite: IM 351.

IM 551/751—Computer Integrated Manufacturing

The design and development of manufacturing processes into an integrated system for flexible control of automated production. Prerequisites: ES 231, MFG 450 or consent of instructor.

IM 552/752—Industrial Hygiene

Occupational health approaches for anticipating and avoiding harmful situations in an industrial environment, which may have an adverse effect on the employee's health, comfort and performance. Five single lecture periods. Prerequisite: 5 hours chemistry and IM 351.

IM 553/753—Hazardous Waste Management

Hazardous waste substances and their management by combining planning, organizing and control techniques with a knowledge of generation, storing, transporting, treating, recycling and disposing of hazardous waste so potential manufacturing or industrial management problems can be solved. Regulations, legal aspects, and technical controversies surrounding today's hazardous waste management for a cleaner environment are also presented. Prerequisite: Five hours chemistry.

IM 554/754—Human Resource Protection

The fundamental theories, practices, and methods of protecting the human resources within the industrial work environment. Emphasis on the management of a variety of protection programs including: hazard recognition and control, fire protection, OSHA compliance. Five hours lecture.

IM 556/756—System Safety in Manufacturing

An overview of the concepts involved in the application of systems safety to manufacturing and production systems. Emphasis is placed on the critical analysis of systems through modeling, analysis, and development of strategies to control the frequency and severity of industrial accidents.

IM 599—Manufacturing Internship

Provides practical application and experience in cooperating industry and business. Allows attendance at an approved industry-sponsored work experience for the purpose of providing the student with advanced related occupational or technical training.

IM 652—Management Problems in Industry

A senior level industrial management seminar on the treatment of actual problems related to industrial production, quality control,

quality assurance, and other related industrial management areas. Prerequisite: IM 352.

IM 880—Case Study Analysis of Production Systems in Manufacturing Industries

The Systems approach and case study format are utilized for the resolution of on-site industrial production problems.

IM 890—Directed Field Study

An introduction into industrial practices and procedures by a directed field study with cooperating industries. For students desiring industrial experience.

International Studies (VPAA)

IS 230—Introduction to International Studies

An introduction to the analysis of current world affairs. Selected global issues (such as environmental problems, human rights, population, development, regional conflicts, etc.) provide the framework for an examination of how cultural differences cause policy-makers to treat critical issues in different ways around the world.

IS 350—Global Issues

A study of selected global issues and problems facing all nations, peoples, and states.

IS 360—Contemporary World Cultures

A survey and analysis of contemporary world cultures.

IS 399—Selected Topics in International Studies

IS 450—Seminar in International Studies

An advanced course focusing on major themes and issues in international relations.

IS/ANT/WGS 471—Gender in Cross Cultural Perspective

A cross-cultural and biocultural examination of gender using concepts and knowledge from all areas of anthropology to explore the origins of gender, the cultural construction of gender, and gender stratification. Prerequisite: ANT 150.

IS 491—Internship Abroad

Provides practical experience abroad. Students are selected by a departmental process. Prerequisite: Permission of the appropriate department chair.

International Studies Program (VPAA)

ISP 295—International Studies Abroad

Introductory language and/or civilization abroad. Primarily for freshmen and sophomores, or those at the initial stages of a foreign language. An internship may be a component. Credit varies up to 15 quarter credit hours per term. Prerequisite: consent of instructor.

ISP 396—International Studies Abroad

Intermediate level of study of language, civilization, business or science abroad. Primarily for juniors and seniors, or those placing at this level. An internship may be a component. Credit varies up to 15 quarter hours per term. Prerequisite: consent of instructor.

ISP 497—International Studies Abroad

Advanced study of language, civilization, business, or science abroad. Primarily for students placing at this level, including post-graduate or graduate students not concentrating in the discipline for which they seek credit. An internship may be a component. Credit varies up to 15 quarter credit hours per term. Prerequisite: consent of instructor.

ISP 798—International Studies Abroad

Graduate study of language, civilization, business, or science abroad. For students concentrating in the discipline for which they seek credit. An internship may be a component. Credit varies up to 15 quarter credit hours per term. Prerequisite: consent of instructor.

Japanese (CLASS)

JPN 111, 112, 113, 114, 115—Japanese Discussion Circle

Guided conversation in Japanese, based on current issues as reflected in contemporary journals and newspapers. The emphasis is on conversational, rather than specialized vocabulary. Prerequisite: JPN 151 or equivalent.

JPN 151—Elementary Japanese I

Emphasis on pronunciation and basic grammatical structures, using primarily the Roman alphabet for written material.

JPN 152—Elementary Japanese II

Continuation of Japanese 151 with increased emphasis on grammar, syntax, and learning the Japanese script. Prerequisite: JPN 151 or equivalent.

JPN 153—Elementary Japanese III

Continuation of Japanese 152. Prerequisite: JPN 152 or equivalent.

JPN 211, 212, 213, 214, 215—Japanese Discussion Circle

Guided conversation in Japanese, based on current issues as reflected in contemporary journals and newspapers. Emphasis on conversational, rather than specialized vocabulary. Prerequisite: JPN 152 or equivalent.

JPN 252—Intermediate Japanese

Continuation of Japanese 153; grammar review and increased emphasis on reading authentic texts. Prerequisite: JPN 153 or equivalent.

JPN 350—Introduction to Japanese Culture

A basic introduction to Japanese society and culture, with special emphasis on contemporary Japan. Taught in English. No prerequisite.

Justice Studies (CLASS)

JS 251—Introduction to Criminal Justice

A survey of the history, philosophy and principles of Criminal Justice. The student will explore the organization and administration of enforcement, adjudication and corrections.

JS 253—Justice and Ethics

Introduces participants to the ethical concepts and principles which have particular application to justice professionals in America.

JS/SOC 354—Gangs, Drugs, and Criminal Justice

Students will explore the links between gangs and the drug culture and will trace the development of gangs in U.S. society, examining how the criminal justice system might respond. Prerequisites: JS 251 or consent of instructor.

JS 360—Crimes

Theories in criminal law evidenced by the practice of law and order in the United States. How social, political and economic processes influence the evolution of criminal law. Theories of law creation and models of criminal justice with specific emphasis placed on the Georgia Criminal Code.

JS 361—Evidence

Acquaints the criminal justice practitioner with the nature, kinds and degrees of evidence. The importance of proper handling for preservation and authenticity for admission at trial are examined, as are rules governing admission and exclusion of evidence; judicial notice; presumptions; demonstrative, circumstantial, illegal evidence; the hearsay and best evidence rules; the competency, examination, impeachment and privileges of witnesses; and the burden of proof. Prerequisite: JS 251 or consent of instructor.

JS 362—Criminal Procedure

An introduction to the relationship, official and unofficial, between police agencies and prosecuting offices, with a survey of techniques and methods of each. The functions and procedures of the courts' judges, lawyers and juries with emphasis on Georgia jurisprudence. Prerequisite: JS 251 or consent of instructor.

JS 363—Juvenile Justice

An overview of the basic philosophy and procedures of the juvenile justice system; types of juvenile offenders and factors associated with status and delinquent offenders. Past and present processes of the juvenile justice system. Landmark cases, Kent, Winship, and Gault will be scrutinized for their impact on the system. Current practices, particularly the treatment of status offenders, females, gang members and substance abusers within the system. Prerequisites: JS 251 or consent of instructor.

JS 364—Comparative Industrial Security

Security problems in banks, campuses, computer centers, hospitals, public conveyances, as well as personnel safety and security in business, industry and government. Employment opportunities in safety and security as a career field.

JS 365—Advanced Corrections

The principles and practices of probation and parole, emphasizing constructive methods of correctional processing within the formal scope of community based corrections as well as an overview of the development, philosophy and operational manifestations of institutional corrections and the subsequent classification and programming. Prerequisite: JS 251 or consent of instructor.

JS 367—Advanced Criminal Investigation

An analytic approach to criminal investigation, from the point of detection to offender apprehension. Students learn about the search, recovery and preservation of forensic material recovered at the crime scene. Crime laboratory use and fingerprint classification.

JS 368—Police Administration

The principles of organization, administration and duties of police agencies. Emerging ideas such as lateral entry, team policing, neighborhood police, central staff control and professionalization. Prepares students for employment in a modern police agency.

JS 399—Selected Topics in Criminal Justice**JS 453—Offender Counseling and Support**

The role of treatment in the correctional setting through an investigation of the counseling process and the impact it has on the persons affected. Treatment processes will be explored using case studies and counseling methods. Emphasis on specific problems, e.g. AIDS, conjugal visits, incarcerated females, violent offenders, and links to the outside community. Prerequisite: JS 251 or consent of instructor.

JS 461—Seminar

Brings together the various subject matter areas covered by the Justice Studies major. Students will be assigned specialized research topics in their fields of interest. Should be taken only upon completion of all other Justice Studies courses.

JS 491, 492, 493—Internship I, II, III

A major involvement with judicial, corrections, law enforcement, or related agencies. Student will work with an agency a full quarter and will receive five quarter hours credit for each internship course. A maximum of 15 hours credit may be earned as internship credit. A course summary will be required from each participating student. REQUIREMENTS: 1. Students must have rising senior status or permission of the director to enroll for internship; 2. Students must have a grade point average of at least 2.5 prior to enrollment in the internship; 3. Grading for internship will be a letter grading system

JS 599—Selected Topics in Criminal Justice**Kinesiology (CHPS)****KIN 2100—Introduction to Kinesiology**

Survey of the major principles of kinesiology and an introduction to different elements of the field. Scientific modes of thought about human movement as well as professional opportunities and career paths.

KIN 2300—Clinical Skills in Sports Medicine I

Develops clinical psychomotor skills for the prevention and acute care of athletic injuries. For students interested in sports medicine, athletic training and physical therapy. Prerequisite: KIN 2100 and consent of instructor.

KIN 2310—Clinical Skills in Sports Medicine II

Develops clinical psychomotor skills for the recognition and evaluation of athletic injuries. For students interested in sports medicine, athletic training and physical therapy. Prerequisites: KIN 2300.

KIN 2320—Clinical Skills in Sports Medicine III

Develops clinical psychomotor skills for the rehabilitation and reconditioning of athletic injuries. For students interested in sports medicine, athletic training and physical therapy. Prerequisites: KIN 2310.

KIN 2400—Foundations of Health & Physical Education

Introduces students to the fields of health and physical education. Biological, historical, philosophical, physiological, psychological and sociological principles of health and physical education, with emphasis on current trends and developments.

KIN 2410—Dance & Aquatics

Various methods of teaching dance and aquatics.

KIN 2411—Folk & Square Dance Teaching Techniques

Introduces teaching techniques for folk dance (American and International) and square dance with emphasis on proper skill execution as well as appropriate content methodology for elementary, middle grades, high school and adult students.

KIN 2412—Modern and Social Dance

Various methods of teaching modern and social dance.

KIN 2413—Tumbling & Track & Field

Various methods of teaching tumbling and track and field.

KIN 2414—Life Guard Training

Prepares students to meet the requirements of the American Red Cross and qualify for certification as a lifeguard. Prerequisites: Lifeguard swim test.

KIN 2415—Water Safety Instruction

Prepares students to meet the requirements of the American Red Cross and qualify for certification as a water safety instructor. Laboratory and assisting periods will be arranged.

KIN 3100—Research Methods in Kinesiology

Introduces students to fundamental principles underlying research methods in kinesiology. Basic procedures for conducting experimental, descriptive, historical, and qualitative research. Computer applications, basic measurement concepts, statistical methods, critical thinking, and scholarly writing.

KIN 3120—Administrative Principles in Kinesiology

The process of planning, organizing, directing, and controlling the functioning of movement-based professions (exercise science, sports medicine). Prerequisites: KIN 2100.

KIN 3130—Biophysical Foundations of Human Movement

An overview of the biological systems and physical principles as applied to movement. The relationship of these systems and principles to the development of the study of movement and the biological and physical energetics of movement. Prerequisites: KIN 2100, BIO 271, BIO 272, or consent of Instructor.

KIN 3140—Behavioral Foundations of Human Movement

An introduction to how individuals behave in physical activity settings. The primary focus will be on psychological antecedents and consequences of primary and secondary involvement in exercise and sport. The course embraces a behavioral science approach to understanding cognitive, affective, individual differences, social, and personal growth and development dimensions of participation in exercise and sport. Prerequisites: KIN 2100.

KIN 3200—Motor Control, Coordination, and Skill

Helps students develop a better understanding of the nature of motor skill performance, motor skill learning and the factors that influence motor skill acquisitions, and provides a knowledge base that will facilitate the implementation of practice and instructional strategies used to teach a variety of physical skills to learners with diverse characteristics. Prerequisites: KIN 3140.

KIN 3210—Psychological Dynamics of Exercise

Provides the student with in-depth knowledge on the psychological processes and behaviors related to exercise participation. Essential theoretical foundations, as well as skills and techniques for effective exercise leadership are presented. Prerequisites: KIN 3130, PSY 150, or consent of Instructor.

KIN 3220—Physiological Aspects of Exercise

Presents an in-depth perspective of the physiological and biochemical responses of the human body when it is subjected to movement, with special emphasis on the changes that occur during exercise. A laboratory experience designed to enhance the lecture material and to give an introduction to evaluating the physiological changes that occur during exercise. Four one-hour lectures and one two-hour laboratory periods per week. Prerequisites: KIN 3130 or permission of instructor.

KIN 3230—Biomechanical Analysis of Movement

A review of the scope of biomechanics and definitions of basic terms and concepts, strength of materials and linear and angular kinematics and kinetics, static and dynamic equilibrium conditions, and analysis technology. Applications for developmental movement and sport movements in various environments will be explored. Prerequisites: KIN 3130, PHY 251, MAT 151, MAT 152, BIO 271, BIO 272 or Permission of Instructor.

KIN 3300—Clinical Applications in Sports Medicine I

Offers the student direct, supervised clinical experiences in sports medicine. Through this course the students will be supervised during the application of psychomotor skills and techniques in the clinical environment. The student will be assigned to a specific clinical instructor who will teach and facilitate the student's learning throughout the clinical experience. Limited to Sports Medicine Majors. Prerequisites: KIN 2320 and Sports Medicine Major status.

KIN 3310—Clinical Applications in Sports Medicine II

Offers the student direct, supervised clinical experiences in sports medicine. Students will be supervised during the application of psychomotor skills and techniques in the clinical environment, and assigned to a specific clinical instructor who will teach and facilitate the student's learning throughout the clinical experience. This course is limited to Sports Medicine Majors. Prerequisites: KIN 3300 and Sports Medicine Major status.

KIN 3320—Clinical Applications in Sports Medicine III

Offers the student direct, supervised clinical experiences in sports medicine. Students will be supervised during the application of psychomotor skills and techniques in the clinical environment and assigned to a specific clinical instructor who will teach and facilitate the student's learning throughout the clinical experience. This course is limited to Sports Medicine Majors. Prerequisites: KIN 3310 and Sports Medicine Major status.

KIN 3330—Prevention & Care Techniques in Sports Medicine

Prevention and care of injuries and illnesses associated with physical activity. Covers the use of proper athletic training equipment, support methods, conditioning exercises, medical screening and therapeutic aids.

KIN 3340—Evaluation & Assessment of Lower Extremity Injuries

Advanced principles and techniques in the clinical evaluation of athletic injuries and illnesses involving the lower extremities. Emphasis on the determination of proper immediate care and referral. For students interested in sports medicine, athletic training and physical therapy. Prerequisites: KIN 3330, BIO 271 & 272.

KIN 3341—Evaluation of Upper Extremity Injuries

Advanced principles and techniques in the clinical evaluation of athletic injuries and illnesses involving the upper extremities. Emphasis on the determination of proper immediate care and referral. For students interested in sports medicine, athletic training and physical therapy. Prerequisites: KIN 3330, 3230, BIO 271 & 272.

KIN 3350—Therapeutic Modalities in Sports Medicine

The theoretical and physiological effects associated with therapeutic modalities used in the treatment and rehabilitation of athletic injuries. Neuroanatomy and physiology related to the use of therapeutic modalities and their effect on tissue. For students interested in sports medicine, athletic training and physical therapy. Prerequisites: KIN 3330, PHY 251, 252 & 253.

KIN 3360—Therapeutic Exercise and Rehabilitation

Concentrates on concomitantly imparting knowledge pertaining to the physiological effects, indications, contraindications, and applications of therapeutic exercise in the rehabilitation of athletic injuries and illnesses. Directed at the professional preparation of students interested in sports medicine and athletic training. Competencies in the area of rehabilitation as delineated by the National Athletic Trainers' Association Board of Certification. Also pertinent to other therapeutic and sports medicine related sub-disciplines. Prerequisites: KIN 3330, 3340, 3341, BIO 271 & 272.

KIN 3370—Drugs and the Athlete

The foundations of chemical substances and pharmacological aids in athletics, the use and abuse of chemical substances in athletics and the recognition and management of substance abuse. For students interested in sports medicine, athletic training and exercise science. Prerequisites: KIN 3330, CHE 182 & 183.

KIN 3400—PE for Early Childhood P - 4

Develops skills, techniques, and methods for teaching in early childhood (P-4) grades. One one-hour lecture and two two-hour labs per week.

KIN 3401—PE for Middle Grades 5-8

Develops skills, techniques, and methods for teaching in the middle (5-8) grades. One one-hour lecture and two two-hour labs per week.

KIN 3402—PE for Secondary Schools 9-12

Develops skills, techniques, and methods for teaching in the secondary (9-12) grades. One one-hour lecture and two two-hour labs per week.

KIN 3410—Adapted Physical Education

Examines the importance of physical education, recreation and sports in the growth and development of children with disabilities and presents specific strategies and techniques for implementing adapted activities and programs.

KIN 3420—Tests & Measurements in Physical Education

Provides laboratory and computer experience in the development, evaluation and application of tests in physical education. Four one-hour lectures and one two-hour laboratory period each week. Prerequisites: PE 352.

KIN 3500—Principles of Coaching

An introduction to the scientific principles of coaching. Coaching philosophy, sport psychology, sport pedagogy, sport physiology, sport management, and sports first aid and injury prevention. Successful completion of the course leads to certification by the National Federation of Interscholastic Coaches Education Program.

KIN 3501—Principles of Officiating

Provides prospective high school coaches and recreators a knowledge and understanding of the principles and basic techniques of officiating in a wide variety of sport and recreation activities.

KIN 3510—Theory of Sport Conditioning

Acquaints the student with various methods of teaching competitive swimming and diving.

KIN 3520—Psychology of Coaching

Various motivational aspects and approaches to coaching athletes.

KIN 3530—Coaching Baseball & Softball

Basic methods of coaching baseball and softball. Rules, offensive and defensive strategies, and training procedures.

KIN 3531—Coaching Basketball

Basic methods of coaching basketball. Rules, offensive and defensive strategies, and training procedures.

KIN 3532—Coaching Football

Acquaints the student with basic methods of coaching football. Special consideration is given to rules, offensive and defensive strategies, and training procedures.

KIN 3533—Coaching Olympic Sports

Basic methods and techniques of coaching tennis, golf, swimming, gymnastics and track and field. Rules, strategies, and training procedures.

KIN 3534—Coaching Swimming & Diving Techniques

Various methods of teaching competitive swimming and diving.

KIN 4190—Directed Individual Study

Allows the undergraduate student to study an area of interest in the field under the direction of a faculty mentor. Permission of the instructor.

KIN 4191—Selected Topics

Topics of special interest to Kinesiology.

KIN 4198—Internship in Exercise Science

Involves students in a capstone experience which allows the senior in Exercise Science an opportunity to receive practical experience in selected exercise-related settings. The internship is for one quarter and can pay the student the prevailing wage level for the job performed. Prerequisites: Completion of all Kinesiology core and Exercise Science major courses; consent of Exercise Science Program Coordinator.

KIN 4199—Senior Thesis

Involves students in a capstone experience focusing on designing and conducting research. By completing an original research project or assisting a faculty member in ongoing research, the student will apply the research process to a problem in exercise science. Prerequisites: Completion of all Kinesiology core and Exercise Science major courses; consent of the Exercise Science Program Coordinator.

KIN 4200—Fitness Evaluation and Exercise Prescription

Provides an in-depth understanding of fitness appraisal and exercise prescription. The development, interpretation and implementation of fitness programs as well as managerial aspects of fitness programs. Substantial time will be dedicated to the "hands-on" application of the various assessments techniques. The competencies required for the Health Appraisal and Fitness Testing and Exercise Programming portions of the American College of Sports Medicine Exercise Leader Certification Examination (ACSM, 1991). Prerequisites: KIN 3220, HTH 131.

KIN 4299—Practicum in Exercise Science

Provides students with an opportunity to expand their knowledge of appropriate laboratory techniques and practices within the biophysical and behavioral domains of Exercise Science. The course will be largely based on practical, "hands-on" experiences. Students will affiliate themselves with one of the laboratories within the Department of Kinesiology and gain experience in laboratory techniques and procedures. Prerequisites: Completion of all Kinesiology core courses and consent of Exercise Science Program Coordinator.

KIN 4300—Clinical Practicum in Sports Medicine I

Offers the student advanced clinical practice in sports medicine. Students will be supervised during the practice of psychomotor skills and techniques in the clinical environment and assigned to a specific instructor who will facilitate the student's learning throughout the clinical experience. Limited to Sports Medicine Majors. Prerequisites: KIN 3320 and Sports Medicine Major status.

KIN 4310—Clinical Practicum in Sports Medicine II

Offers the student advanced clinical practice in sports medicine. Students will be supervised during the practice of psychomotor skills and techniques in the clinical environment and will be as-

signed to a specific instructor who will facilitate the student's learning throughout the clinical experience. Limited to Sports Medicine Majors. Prerequisites: KIN 4300 and Sports Medicine Major status.

KIN 4320—Clinical Management in Sports Medicine

Offers the student direct, supervised clinical experiences in management strategies in sports medicine. Students will be supervised during the application of specific psychomotor skills and techniques in the clinical environment that will enhance the student's ability to function in a sports medicine facility. The student will be assigned to a specific clinical instructor who will teach and facilitate the student's learning throughout the Practicum experience. Limited to Sports Medicine Majors. Prerequisites: KIN 4310 and Sports Medicine Major status.

KIN 4400—Program Development

Prepares the student to understand the process of curriculum development in physical education. Prerequisites: KIN 2400.

KIN 4599—Coaching Practicum

Gives the student coaching experience in a varsity sport. Includes observation, practicum and seminar work in the sport. Prerequisite: Beginning coaching course in the sport or Permission of the Instructor.

Physical Activity Program

Four units of physical activity (four one-hour courses) are required of all students. The goal of the Physical Activity Program is to help each student attain and maintain a degree of physical fitness and motor skill as well as develop an interest in lifetime physical activity. This goal is accomplished through imparting knowledge, movement techniques, strategies, and rules of exercise, sport and physical activities. Courses may not be repeated for credit. Course offerings are listed below:

KIN	1000	Aerobics
KIN	1001	Aerobics: Intermediate
KIN	1002	Aerobic Cross Training
KIN	1010	Badminton
KIN	1011	Badminton: Intermediate
KIN	1020	Basketball
KIN	1021	Basketball: Intermediate
KIN	1030	Body Conditioning
KIN	1040	Bowling
KIN	1041	Bowling: Intermediate
KIN	1050	Canoeing
KIN	1060	Dance: Ballet
KIN	1061	Dance: Ballet Intermediate
KIN	1062	Dance: Clogging
KIN	1063	Dance: Country Western
KIN	1064	Dance: Folk
KIN	1065	Dance: Line
KIN	1066	Dance: Modern
KIN	1067	Dance: Social
KIN	1068	Dance: Social Intermediate
KIN	1069	Dance: Square
KIN	1070	Dance: Tap
KIN	1080	Equestrian: Western
KIN	1081	Equestrian: Western Intermediate
KIN	1090	Fencing
KIN	1091	Fencing: Intermediate
KIN	1100	Fitness Walking
KIN	1110	Football: Flag
KIN	1111	Football: Flag Intermediate
KIN	1120	Golf
KIN	1121	Golf: Intermediate
KIN	1130	Jogging

KIN	1140	Outdoor Education Activities
KIN	1150	PA for People with Disabilities I
KIN	1151	PA for People with Disabilities II
KIN	1152	PA for People with Disabilities III
KIN	1153	PA for People with Disabilities IV
KIN	1160	Racquetball
KIN	1161	Racquetball: Intermediate
KIN	1170	Scuba
KIN	1171	Scuba: Intermediate
KIN	1180	Self Defense
KIN	1181	Self Defense: Intermediate
KIN	1190	Soccer
KIN	1191	Soccer: Intermediate
KIN	1200	Softball
KIN	1201	Softball: Intermediate
KIN	1210	Swimming
KIN	1211	Swimming: Intermediate
KIN	1212	Swimming: Aquatic Aerobics
KIN	1213	Swimming: Fitness Swimming
KIN	1220	Tennis
KIN	1221	Tennis: Intermediate
KIN	1230	Tumbling
KIN	1240	Volleyball
KIN	1241	Volleyball: Intermediate
KIN	1250	Weight Training
KIN	1251	Weight Training: Intermediate

KIN 3500—Principles of Coaching

An introduction to the scientific principles of coaching. Coaching philosophy, sport psychology, sport pedagogy, sport physiology, sport management, and sports first aid and injury prevention. Successful completion of the course leads to certification by the National Federation Interscholastic Coaches Education Program. 5 credit hours.

KIN 5100—Research Design in Kinesiology

Teaches the student how to design, evaluate, and produce research in kinesiology. Develops the student's ability to think critically and analyze problems.

KIN 5110—Data Analysis in Kinesiology

Fundamental information on the selection and computation of data analysis in Kinesiology. Students obtain necessary knowledge and skills to analyze and understand research data. The students will become proficient in using current statistical software to analyze data.

KIN 5115—Seminar in Kinesiology

An in-depth literature review and discussion of the contemporary topics in the fields of Kinesiology. Emphasis on the student's ability to interpret and present relevant topics through oral presentation.

KIN 5190—Directed Individual Study

Opportunity for graduate students to investigate an area of interest under the direction of a faculty mentor. Prerequisite: Permission of the Program Coordinator.

KIN 5191—Selected Topics

In-depth study of selected topics in Kinesiology. Particular attention will be given to the critical evaluation and presentation of research. Prerequisite: Permission of instructor.

KIN 5198—Internship

Allows the student in Kinesiology an opportunity to receive practical experience in selected movement related settings. Prerequisite: Permission of the Graduate Program Director.

KIN 5199—Thesis

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: Permission of the Graduate Program Director.

KIN 5200—Exercise Physiology

The effects of exercise on the physiological functions of the human organism with emphasis on theoretical orientations. Prerequisite: Undergraduate Exercise Physiology.

KIN 5205—Applications of Exercise Physiology

Exercise Physiology principles applied to developing training and conditioning programs for enhancing health-related fitness and performance. Factors affecting and influencing training and conditioning. Prerequisite: KIN 5200 or Permission of Instructor.

KIN 5210—Laboratory Techniques in Kinesiology

Acquaints the student with the use of laboratory equipment. Each student will be introduced to, and have an opportunity to acquire skill with laboratory equipment. Prerequisite: KIN 5200 or Permission of Instructor.

KIN 5215—Fitness and Wellness Programs

Advanced fitness assessment and exercise prescription. Students will learn assessment techniques for a variety of client categories and will be responsible for demonstrating application of measurement skill in a format similar to national certification exams.

KIN 5220—Exercise and Aging

An overview of the aging process, and the relationship between aging and the various physiological systems. Changes and their impact on health and fitness associated with the aging process.

KIN 5225—Cardiac Rehabilitation

The etiology, epidemiology and rehabilitation from the effects of cardiovascular disease. Students learn electrocardiograph interpretation and become familiar with exercise prescription for populations with cardiovascular disease. Prerequisite: KIN 5200 or permission of instructor.

KIN 5230—Management Strategies in Sports Medicine

The administration and management of Sports Medicine and Allied Health Care Programs. For students and practitioners in Sports Medicine, Athletic Training, Allied Health Care, Exercise Science and Sport Management.

KIN 5235—Art and Science in Sports Medicine

The theories and concepts of clinical Sports Medicine. Intended for practitioners of sports Medicine, Athletic Training, Allied Health Care, and Exercise Science. Prerequisites: Undergraduate Human Anatomy and Human Physiology, Chemistry, Physics, Exercise Physiology, and Biomechanics or permission of the instructor.

KIN 5240—Biomechanics

An in-depth understanding of the internal and external forces acting on the human body and the effects produced by these forces. The student will become familiar with quantitative analysis procedures used to analyze human movement activities in clinical, educational, performance, and wellness settings. Prerequisites: Undergraduate Biomechanics course, undergraduate algebra and trigonometry, or Permission of the Instructor.

KIN 5245—Applications of Biomechanics

The biomechanical knowledge essential to conduct a systematic qualitative analysis of human movement in clinical, educational, performance, and wellness settings. Once proper analysis techniques are learned, the student will be able to apply anatomical and

biomechanical principles to the solution of problems in these settings. Prerequisites: Undergraduate biomechanics course or permission of the instructor.

KIN 5250—Motor Control and Learning

An in-depth study of the behavioral and psychological principles underlying motor control and learning and how these principles vary from infancy to old age. Prerequisite: Undergraduate Motor Learning course or permission of the instructor.

KIN 5255—Exercise and Sport Psychology

An in-depth study of individual differences, emotions, social influences, and health promotion variables within exercise and sport. Prerequisites: Undergraduate Exercise and Sport Psychology Course or permission of instructor.

KIN 5260—Applications of Exercise and Sport Psychology

An introduction to the application of exercise and sport psychology theories, research, and intervention strategies to enhance physical performance. Students will participate in various enhancement training procedures and produce a personalized performance enhancement manual. Prerequisites: KIN 5255 or Permission of the Instructor.

KIN 5400—Physical Education and People with Disabilities

An in-depth study of the importance of physical education and physical activity programs in the growth and development of people with disabilities.

KIN 5410—Physical Education Measurements and Evaluation

An in-depth examination of measurement and evaluation in physical education. Measurement theory in health and physical education, selection and administration of tests, and interpretation of test results by fundamental statistical procedures. Emphasis on the ability of the student to apply the conceptual and theoretical principles.

KIN 5420—Motor Development

The motor and perceptual development of children, the significant relationship of motor and perceptual-motor development to later acquisition of effective movement patterns.

KIN 5430—Physical Activity Programs for Senior Adults

Practical information for field professionals about physical activity and exercise programming for healthy senior adults.

KIN 5440—History and Philosophy of Physical Education and Sports

The integration and application of principles and history of physical education and sport with a view to the development of a philosophy of modern physical education and sports. Prerequisite: Undergraduate Introductory Course or permission of the instructor.

KIN 5450—Analysis of Teaching Physical Education

Focuses on the analyses of the teaching of physical education. Students will use a variety of techniques and instruments appropriate for the physical activity setting. Prerequisite: Teaching physical education and access to a videotape camera and recorder.

KIN 5500—Administration in Physical Education and Sport

The philosophy, principles, and procedures in administering a physical education and/or sport program.

KIN 5510—Socio-Cultural Issues in Exercise and Sport

Lectures by the instructor and others involved in exercise and sport such as coaches and athletic administrators. Documented discussions in groups and in the full class. Considerable reading of the

most recent literature in the area. Issues that go beyond the physical experiences and competitive outcomes of sport, reflecting the most current events in exercise and sport.

KIN 5520—Prevention, Recognition, and Care of Athletic Injuries

Introduces students to advanced knowledge in the concepts, practices and procedures in the prevention, recognition and care of athletic injury and illness. For graduate level students interested in physical education and coaching education. Prerequisites: Undergraduate Anatomy and Physiology, Exercise Physiology or permission of the instructor.

KIN 5530—Coaching Seminar

An overview of the skills, techniques, and knowledge involved in becoming a quality coach. General coaching ability which can be applied to specific sports, and current issues that affect the coaching profession.

KIN 5599—Coaching Practicum

Gives the student coaching experiences in planning, teaching skills, practice sessions, game situation and analysis, scouting and off-season programming for a specific sport.

Korean (CLASS)

KOR 151—Elementary Korean I

Emphasis on speaking and listening skills, the Korean alphabet, and basic grammatical structures.

KOR 152—Elementary Korean II

Continuation of Korean 151. Emphasis on speaking and listening skills, the Korean alphabet, and basic grammatical structures. Prerequisites: KOR 151 or permission of instructor.

Latin American Studies (Interdisciplinary)

LAS/SPA 355—Latin American Civilization

See SPA 355 for course description.

LAS/HIS 371—Latin America—The Colonial Period

See HIS 371 for course description.

LAS/HIS 373—Mexico and the Caribbean

See HIS 373 for course description.

LAS/HIS 374—A.B.C. Powers

See HIS 374 for course description.

LAS/PSC 378—Latin American Politics

See PSC 378 for course description.

LAS 450—Seminar in Latin American Studies

Must be taken as the final 5-hour course in the 20-hour block required for the minor in Latin American Studies. Designed to permit interdisciplinary engagement and individualized specialization so that the student can intensify his or her studies of Latin American topics.

LAS/SPA 455—Survey of Latin American Literature

See SPA 455 for course description.

LAS/GGY 460—Geography of Latin America

See GGY 460 for course description.

Latin (CLASS)

LAT 151—Elementary Latin I

Introduction to the Latin language. Basic grammar, vocabulary building, graded reading and discussion of Roman history and culture.

LAT 152—Elementary Latin II

Continuation of 151. Additional grammar and graded readings.

LAT 153—Elementary Latin III

Continuation of 152. Additional grammar and graded readings. Prerequisite: Latin 152 or equivalent.

LAT 251—Intermediate Latin I

Beginning series of reading in Roman authors. Discussions of Roman history and culture.

LAT 252—Intermediate Latin II

Continued series of prose reading in Roman authors. Beginning readings of Latin poets. Discussion of Roman history and culture.

LAT 399—Selected Topics in Latin

Prerequisite: LAT 251 or equivalent.

Logistics & Intermodal Transportation (COBA)

LIT 357—Principles of Transportation

An introduction to the economic, social, and political aspects of the United States transportation system. Includes various modal components (rail, highway, air, pipeline, and water transportation) and strategic considerations, including deregulation. Field trips may be required. Prerequisite: MKT 350.

LIT 375—Business Logistics

Interrelationships among functional areas of business as they impact the flow of raw materials and finished goods through the firm. Inventory control, warehousing location and operation, packaging, transportation alternatives, and information processing. Field trips will be required. Prerequisite: MKT 350.

LIT 462—Marine Transportation Management

An in-depth examination of the global market for shipping services, the various types of marine transportation systems and their role in international business logistics and world trade. Issues in the management of ocean shipping and ancillary services. Field trips may be required. Prerequisite: MKT 350.

LIT 463—Seminar in Intermodal Distribution

Senior seminar in the Logistics and Intermodal Transportation emphasis. Guest speakers from Savannah and Atlanta intermodal logistics management communities. Students will research special topics in intermodal distribution. Field trips to area intermodal distribution facilities as practicable. Prerequisites: MKT 350, MKT 357

LIT 464—Air Transportation

Provides a broad understanding and managerial focus on the components, participants, activities, characteristics, scope and economic significance of the airline industry and its major segments. Federal regulations and their impact on the marketing of air transportation services, passenger and cargo, will also be discussed, as will the interface with other modes of transportation. Prerequisite: MKT 350.

Legal Studies (Law) (COBA)

LST 252—Legal Environment of Business I

Primary factors influencing American business transactions in the international environment, including a review of legal thought and ethical practices, the U.S. Constitutional and regulatory framework, common law governing the contracting process, and the Uniform Commercial Code on Sales.

LST 353—Legal Environment of Business II

An advanced treatment of the law of agency, commercial paper and negotiable instruments, secured transactions, corporations and partnerships. The Uniform Commercial Code is included in relevant areas. Prerequisite: LST 252.

LST 360—International Business Law

Legal concepts and laws which govern international business transactions. International organizations, the European Community, trade agreements, sales contracts, risk of loss, letters of credit, and export-import regulations. Prerequisite: LST 352 or consent of instructor.

LST 451—Real Estate Law

Real property law to include leases, deeds, trusts, and mortgages.

LST 452—CPA Law Review

For those who expect to take the examination for Certified Public Accountants. A general review of all business law courses together with instruction in the other areas of law upon which the student will be tested during the CPA Examination. Prerequisite: LST 353, accounting major or permission of the instructor.

LST 453—Insurance Law

The legal concepts and doctrines applicable to the field of insurance. Basic legal problems of the major branches of insurance are dealt with including fire, marine, casualty, life, workers' compensation and governmental insurance programs.

LST 460—Banking Law

The legal concepts applicable to the field of banking. Basic problems include regulations of banking activity, bank holding companies, the regulation of non-traditional banking activity, formation of new banks and or branches, trusts powers, antitrust problems, commercial paper, FDIC and international banking.

LST 640—Law and Ethics for Accountants

An introduction to legal and ethical issues involving the Uniform Commercial Code and administrative agency regulations. Emphasis on recognition of these issues to enhance professionalism for business administration. (5 credit hours) Prerequisite: Legal Environment Business I.

Mathematics (COST)**MAT 095—Algebraic Concepts**

For students who are not required to enroll in Learning Support mathematics but who need some review prior to entering the core curriculum mathematics course. The real number system, first and second degree equations and their applications, rational expressions, exponents and polynomials, radicals, graphing, and functions. Carries only institutional credit.

MAT 098 A, B, C—Elementary Algebra

The first of two courses designed for students who are not prepared to enter a college core curriculum mathematics course. The structure of the real number system, properties of real numbers, first degree equations and inequalities, applications, exponents and polynomials. Students will be placed in MAT 098 or MAT 099 according to results of the CPE. Students will be allowed a maximum of three quarters to meet exit requirements for Math 098. Institutional credit only, 5-15 hours.

MAT 099 A, B, C, D—Intermediate Algebra

Polynomials, rational expressions, graphs in a plane, systems of equations and inequalities, roots and radicals, second degree equations, and functions. A student must demonstrate mastery of MAT

098 prior to taking MAT 099. A student may exit at the end of any quarter by passing the course and by achieving a satisfactory score on the exit examination. Institutional credit only, 5-20 hours.

MAT 131—College Algebra, Part 1

The first of a two part sequence of College Algebra. A review of the properties of real numbers, polynomials, factoring, rational expressions, exponents, equations and inequalities, linear relations and their graphs. Three lecture and two laboratory hours per week. The sequence Math 131, 132 is an alternative to Math 151. Credit may not be received for both Math 131 and Math 151. Prerequisite: Two years of high school algebra.

MAT 132—College Algebra, Part 2

The second of a two part sequence of College Algebra. A review of conic sections, operations with functions, exponential and logarithmic functions, and polynomial and rational functions. Three lecture and two laboratory hours per week. The sequence Math 131, 132 is an alternative to Math 151. Credit may not be received for both Math 132 and Math 151. Prerequisite: Minimum grade of C in Math 131 or passing score on proficiency test for Math 131.

● **MAT 150—Introduction to Mathematical Modeling**

Incorporates mathematical modeling and technology into data gathering and the analysis and solution of real data problems. Primary use is made of linear, quadratic, exponential, and logarithmic functions. Specifically designed for majors requiring only 5-10 hours of mathematics for a degree. It cannot serve as a prerequisite for MAT 152 or MAT 155. Credit cannot be received for both MAT 150 and MAT 151 in Area II of the core curriculum. However, both can count toward graduation. Prerequisite: two years of high school algebra.

● **MAT 151—College Algebra**

A review of the properties of real numbers, exponents and radicals, algebraic and fractional expressions, solving equations and inequalities, functions and graphing and an introduction to systems of equations. Prerequisite: two years of high school algebra.

● **MAT 152—Trigonometry**

Circular, trigonometry and inverse functions, matrices and systems of equations, complex numbers. Prerequisite: MAT 151 or equivalent.

● **MAT 155—Business Calculus and Applications**

Systems of equations, matrices, probability and differential calculus. Prerequisite: MAT 151 or equivalent.

MAT 157—Technical Calculus

An introduction to the fundamental elements of calculus with applications to technology. A brief review of algebraic principles, functions, graphs, limits, derivatives and integrals. Designed primarily for Industrial Technology majors. Credit may not be received for both MAT 155 (Business Calculus) and MAT 157 (Technical Calculus). Prerequisite: MAT 152.

● **MAT 165—Pre-calculus Mathematics**

Essentially the material covered in MAT 151 and MAT 152. A student cannot receive credit for MAT 152 and Math 165. To enroll in this course, a student should have a strong high school background in mathematics which included trigonometry.

● **MAT 166—Analytic Geometry and Calculus I**

Analytic Geometry and Basic Differential Calculus. Four lecture and two computer laboratory hours per week. Prerequisites: MAT 151 and 152 or equivalent.

● **MAT 167—Analytic Geometry and Calculus II**

Integral calculus and conic analytic geometry including polar coordinates and parametric equations. Four lecture and two computer laboratory hours per week. Prerequisite: MAT 166.

MAT 220—Applications of Linear Algebra

Applications of systems on equations and matrix operations. Prerequisite: MAT 151 or equivalent.

MAT 249—Calculus V

An applied approach to the study of systems of equations, matrices and low-dimensional linear algebra. For students in the Regents Engineering Transfer Program (RETP). Three lecture and two computer laboratory hours per week. Prerequisite: MAT 265.

MAT 251—Discrete Math for Computer Science

Set theory, set operations, formal logic, Boolean algebra, switching theory, algebraic structures, recursive sets, and finite-state machines. Prerequisites: MAT 167 and MAT 220. (A student cannot receive credit for both MAT 251 and 320.)

● **MAT 264—Calculus III**

Vector analysis, infinite series and methods of integration. Four lecture and two computer laboratory hours per week. Prerequisite: MAT 167.

● **MAT 265—Calculus IV**

Partial differentiation and multiple integration. Four lecture and two computer laboratory hours per week. Prerequisite: MAT 264.

MAT 299/399/599/799—Selected topics in mathematics

MAT 320—Sets and Set Operations

Properties of Sets and Set Operations. Prerequisite: MAT 167.

MAT 330—Introduction to Analysis

Functions, limits and continuity. Prerequisites: MAT 265 and MAT 320.

MAT 332—Introduction to Modern Algebra

Groups, subgroups, and homomorphisms. Prerequisites: MAT 264 and 320.

MAT 334—Introduction to Linear Algebra

Vector spaces, linear transformations, and eigen-values. Prerequisites: MAT 220, MAT 264, and one of the following: MAT 251, MAT 320.

MAT 338—Introduction to Probability

Probability measures and random variables. Prerequisites: MAT 264 and either MAT 320 or MAT 251.

MAT 350—Differential Equations

Solution of first and higher order ordinary differential equations, applications, series solution of linear differential equations, and solutions of systems of linear differential equations. Four lecture and two computer laboratory hours per week. Prerequisites: MAT 249 or both MAT 220 and 264.

MAT 374—College Geometry

Euclidean and Hyperbolic geometries using metric methods. Prerequisite: MAT 166.

MAT 454—Mathematical Models and Applications

Model construction and types of models, and the application of models in operations research. Prerequisites: MAT 264 and either CSC 230 or CSC 281.

MAT 456/656—Operations Research

Introduction to the analytical formulation and solution of decision problems. Mathematical methods of optimization of classical operations research models. Prerequisite: MAT 338.

MAT 458/658—Introduction to Fractals

Fractals are nonlinear systems involving feedback and iteration. Topics include classical fractals, limits and self-similarity, fractal dimensions, encoding of fractals, decoding of fractals, iterated function systems (IFS's), chaos games and networking IFS's. Prerequisites: MAT 320 and MAT 334.

MAT 468/668—Applied Mathematics (See Physics 468)

Theory and applications of mathematical methods such as power series, Laplace Transforms, vector calculus, Fourier series, integrals and partial differential equations. Four lecture and two computer laboratory hours per week. Prerequisite: MAT 350.

MAT 475/675—Functions of a Complex Variable

Topics in complex variables including: limits, continuity, derivatives; the Cauchy-Riemann conditions, integrals of function of a complex variable, Cauchy-Goursat theorem. Cauchy integral formula theorem; theorem of Morea, Liouville. Prerequisite: MAT 330.

MAT/CSC 480—Applied Numerical Methods

For course description see CSC 480.

MAT 495—Directed Study in Mathematics

Directed study under faculty supervision. Prerequisites: consent of department chair.

MAT 530/730—Basic Ideas of Arithmetic

Arithmetic topics included in the elementary school curriculum: sets; the arithmetic of whole numbers, integers, rational numbers and decimals; number theory; problem solving. Prerequisite: MAT 151.

MAT 531/731—Basic Ideas of Geometry

Geometrical topics included in the elementary school curriculum: geometric shapes; non-metric geometry; measurement; triangle congruence and similarity; coordinate geometry; geometric transformations. Prerequisite: MAT 530.

MAT 551/751—Basic Ideas of Problem Solving

Problem-solving strategies applied to a variety of contexts in arithmetic, geometry and algebra. The use of these strategies by teachers of middle grades mathematics will be emphasized. Prerequisites: MAT 530 and 531, or permission of instructor.

MAT 553/753—Patterns of Problem Solving

Patterns involved in solving problems. Polya's heuristics and his characterization of the problem-solving process; the student will also solve many problems. The application of these techniques by mathematics teachers will be stressed. Prerequisite: MAT 166 or consent of instructor.

MAT 556/756—Number Theory

A formal development of the real number system, modular number systems, diophantine equations, continual fractions and quadratic residues. Prerequisites: MAT 167 and either CSC 230 or CSC 281.

MAT 560/760—Fundamental Ideas of Calculus

A review of the principal ideas of calculus. Prerequisite: MAT 167.

MAT 565/765—Fundamental Ideas of Algebra

The elementary theory of groups, rings, and linear algebra. Prerequisite: five hours of mathematics above the 200 level or one year of teaching high school mathematics.

MAT 580/780—Mathematical Applications Using Technology

Selected mathematical topics used in research, problem solving, and demonstrations will be investigated with the use of current technologies. Intended for mathematics education majors. Prerequisite: MAT 265 and 5 hours of Mathematics at the 300 level or above.

MAT 595/795—Special Problems in Mathematics

Topics of special need and interest to mathematics teachers will be studied. Prerequisite: consent of instructor.

MAT 852—History of Mathematics

A survey of the historical development of mathematics. Emphasis on mathematical concepts, problem solving, and pedagogy from a historical perspective. Prerequisite: MAT 264 or consent of instructor.

MAT 854—Fundamental Ideas of Probability

Fundamental ideas of probability with emphasis on topics, examples, and applications for secondary mathematics teachers. Prerequisite: MAT 264 or consent of instructor.

MAT 856—Fundamental Ideas of Statistics

Descriptive statistics, point and interval estimation, hypothesis testing, correlation, and nonparametric statistics. Students will work on projects which will be appropriate for teachers to use to illustrate the topics of secondary school students. Prerequisite: Five hours of mathematics above the 200 level.

MAT 867—Advanced Applied Algebra

Various applied problems whose solutions rely on techniques and results of linear and/or modern algebra. Prerequisites: MAT 334 and either MAT 251 or 332.

MAT 875—Advanced Applied Analysis

Elements of real and functional analysis are developed and applied to important problems in optimization theory and other areas. Prerequisites: MAT 334 and MAT 485/685.

MAT 883—Advanced Numerical Analysis I

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. Prerequisites: MAT 264, MAT 334 and a programming language.

MAT 884—Advanced Numerical Analysis II

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: MAT 883.

MAT 886—Advanced Ordinary Differential Equations

Linear and nonlinear ordinary differential equations and their applications to physics and engineering. Solution and stability of systems of equations, approximate solutions, and phase plane analysis. Prerequisite: MAT 350.

MAT 888—Advanced Partial Differential Equations

Theory of partial differential equations. Fourier series, boundary value problems of partial differential equations, applications of special functions, method of characteristics, and classification of second order equations. Prerequisite: MAT 350.

MAT 890—Special Topics in Math

Topics from selected areas of Math.

MAT 895—Directed Study in Mathematics

Directed study under the supervision of a faculty member. Prerequisite: Permission of Department Chair.

MAT 999—Research Project in Mathematics

Research project addressed toward real world problems. Prerequisite: Permission of department chair.

Mechanical Engineering Technology (COST)**MET 343—Materials Processing**

Traditional as well as modern processing techniques. Limitation on the use of different materials and their processing, metal-casting processes and equipment, forming and shaping processes and equipment, material removal processes and machines, joining processes and equipment. Taken simultaneously with the laboratory course MFG 333 which provides Lab experience on the above topics. Four lectures weekly. Prerequisite: MET 451.

MET 350—Mechanism Design

Kinematic analysis and design of the basic machine components and an introduction to mechanism synthesis. Extensive use of Working Model software. Five single lectures. Prerequisite: ES 252.

MET 352—Applications of Thermal Science I

Technological applications of thermodynamics including production of power, refrigeration, air conditioning, and combustion. Four single lecture periods and one two-hour lab. Prerequisites: ES 351 and ES 354.

MET 354—Automation & Computer Integrated Manufacturing Systems

Fundamental concept in manufacturing, automation, and various topics in production and related control systems. Numerical control, industrial robots, computer integrated manufacturing systems and flexible manufacturing systems. Four lectures and one two-hour lab weekly. Prerequisites: TD 130, TD 120, ES 231.

MET 399—Selection Topics in MET

Study of mechanical engineering technology course topics not generally offered by the department. One to 15 credits.

MET 435—Machine Component Design

The detailed design of components such as gears, bearings, clutches, brakes, springs and cams. Three single lecture periods. Prerequisite: MET 456.

MET 446—Heat Transfer

An introduction to basic energy transport by conduction, convection and radiation. Applications to extended surfaces, heat exchanger, etc. Three single lecture periods and one two-hour lab. Prerequisite: MAT 167.

MET 451—Materials Science

Engineering materials such as metals and alloys. Atomic structure and arrangement; control of the microstructure and mechanical properties of materials; mechanical testing, metallography, cooling curves, and phase diagrams. Four single lectures and one two-hour lab weekly. Prerequisite: CHE 171.

MET 452—Applications of Thermal Science II

A continuation of MET 352. Air conditioning, refrigeration, and heating pump cycles. Calculations of heating and cooling loads in accordance with ASHRAE practices. Design projects are included. Four single lecture periods, one two-hour lab. Prerequisite: ES 351.

MET 455—Engineering Measurements

Theory and practice of engineering measurements. Transducers, computer-aided signal acquisition using Lab-tech software, and analysis. Thermal, mechanical and fluid measurement applications, report writing. Three double hour lecture lab periods. Prerequisites: EET 350 or ES 355 and Senior standing.

MET 456—Machine Design

Principles of mechanical design/the design of machine elements with consideration given to strength requirements, fatigue, material properties and modes of failure. Computer applications are stressed. Five single lecture periods. Prerequisite: ES 253.

MET 457—Mechanical Systems Design

A senior design course requiring the student to call upon all of his or her academic preparation in the solution of mechanical systems problems. Five single periods. Prerequisites: MET 456, MET 435 and MET 350.

MET 459—Vibrations

Free and forced vibrations of one, two and multi-degree-of-freedom systems. Theory is developed and applied to practical cases. Four single lecture periods and one two-hour lab. Prerequisite: ES 252.

MET 460—Dynamic Systems

Mechanical, electromechanical, thermal, fluid and miscellaneous types of dynamic systems are investigated for the purpose of establishing or meeting specified design criteria. The TUTSIM block-diagram software package is used to solve system differential equations. A review of differential equation basics and Laplace transforms is included. Two double lecture periods and one 2-hour lab. Prerequisites: MET 459 and ES 354.

MET 495—Special Problems in Mechanical Engineering Technology

Individual and specialized study in areas of mechanical engineering technology not otherwise covered in the student's program. Prerequisite: senior standing, identification and definition of a problem or study area and approval of the instructor.

Manufacturing (COST)**MFG 150—The Manufacturing Enterprise**

The activities common to manufacturing companies in the free enterprise system. Students are engaged in academic study paralleled with organizing, owning and operating a simulated company which develops, produces, and markets a competitive product for a profit. Two single and three double periods.

MFG 333—Machining, Forming and Fabrication Practicum

A general study and practicum of machining, forming and fabrication techniques utilized in industry including conventional machining, CNC machining, layout development, bending and forming press work, foundry, mechanical assembly and welding. One single-lecture and two double-lab periods. Prerequisites: TD 120, TD 130, and MET 354. Corequisite: MET 343.

MFG 350—Industrial Processes and Materials

The manufacturing processes utilized by industry to cut, shape, form, fasten and finish materials into industrial products. Emphasis on the properties of common industrial materials such as metals, plastics, ceramics, etc. and their manufacturing appropriateness and adaptability to various manufacturing processes. No prerequisites.

MFG 351—Industrial Maintenance Practices and Procedures

The industrial maintenance practices and procedures necessary in a manufacturing production environment. Preventive maintenance,

maintenance scheduling, mechanical systems maintenance and electrical electronic systems maintenance.

MFG 352—Materials Machining Technology

An experience-centered course dealing with the operation of machine tools. Emphasis on machining technologies used to process a variety of manufacturing materials. Both traditional and computer control machining processes. Three single and two double laboratory periods. Prerequisite: TD130 and TD 220 or TD 150.

MFG 353—Metal Forming and Fabrication

Metal forming and fabrication techniques including layout, development, bending and forming presswork, metal castings, mechanical assembly and welding. Three single periods and four hours laboratory. Prerequisite: TD 150.

MFG 354—Energy/Power Systems

The conversion, transmission, storage and control of energy in industry and in modern means of transportation. Three single and two double periods. Prerequisite: TD 150, Math 151.

MFG 355—Fluid Power

The principles and applications of hydraulics and pneumatics as a means of operating and controlling fluid devices and to multiply force and transmit energy. Four single and one double period. Prerequisite: Math 152, TD 150.

MFG 356—Electrical Technology

Assumes that the student has had no prior knowledge of electricity and electrical/electronic concepts in that it is an introductory course designed to acquaint the student with the basic concepts governing electrical energy. Basic electrical/electronic principals and concepts are covered including DC circuits, AC circuits, elementary electronics and Programmable Logic Controllers (PLCs). Three single and two double periods.

MFG 357—Electronics Technology

Beginning level electronics designed for those desiring a practical/applied knowledge of electronics such as that commonly needed in areas of Industrial Technology, Industrial Arts and Vocational Education. Solid state electronics devices, electronics test equipment and commonly encountered electronics circuitry. Prerequisite: MFG 356, or permission of instructor.

MFG 360—World Class Manufacturing

A comprehensive study of World Class Manufacturing precepts of Just-In-Time Production, Total Quality Control, Total Productive Maintenance, and Total Employee Involvement. Manufacturing systems are developed, and trial runs are conducted, and evaluated. Prerequisite: MFG 150 or permission of the instructor. Three lecture and four lab hours per week. Prerequisite: MFG 150 or permission from instructor.

MFG 450/650—Automated Manufacturing Systems

Computer integrated manufacturing concentrating on advanced computer numerical control machining and the interface of robotics systems in manufacturing. Experiences utilizing a variety of programming techniques, machining methods, and robotics applications in computer integrated manufacturing are emphasized. Three single and two double laboratory periods. Prerequisite: MFG 352.

MFG 490—Manufacturing Practicum

A team-taught, applied manufacturing-production course in which the student applies the concepts of efficient productivity and manufacturing. Five single periods and ten hours of laboratory. Prerequisites: ES 231, MFG 358, MFG 356, MFG 353, IM 351, and senior standing. Variable Credit.

MFG 495/695—Special Problems in Manufacturing

Individual research in the technology associated with manufacturing. Variable credit. Prerequisites: Definition of the problem and permission of the instructor prior to the beginning of the quarter.

MFG 499—Internship

For students receive practical work experience with an approved manufacturing firm. Approval of internship coordinator required. Prerequisites: MFG 150 and consent of program coordinator.

MFG 850—Systems Design

An introduction to systems design and computer control in the development of industrial production methods and techniques.

MFG 851—Research in Materials Testing

An opportunity for individual and group study of procedures and processes used to determine physical and chemical properties of industrial materials. Prerequisites: Thirty hours of technical courses, physics, chemistry.

MFG 852—Industrial Research and Product Development

The research and development of products for industrial and consumer use.

Middle Grades (COE)**MG 450—Literature and Writing for the Middle Grades**

An in-depth study of appropriate literature and language concepts for the middle grades. Emphasis on the connections between composition, language and literature in grades 4-8. Prerequisites: MG 452 and admission into Teacher Education.

MG 452—Nature and Curriculum Needs of Middle School Learners

The curriculum instruction, and organization of middle grades schools. A substantial knowledge-base in the nature and needs of early adolescents as well as in middle school curriculum and instruction. Includes a full, one school day field component in the form of a shadow study which is required. Prerequisites: FED 251, FED 260, and admission into Teacher Education.

MG 453—Social Studies for the Middle Grades

The role of social studies in the education of early adolescents, with emphasis on understanding the historical and philosophical foundations of social studies, curriculum organizations, planning and evaluation of instruction, social studies techniques and materials appropriate for early adolescent learners and current trends in social studies. Students will plan and teach as an interdisciplinary team an interdisciplinary thematic unit in a middle school classroom. Coordinated with MG 455 and RDG 459. Prerequisites: MG 452 and admission into Teacher Education.

MG 455—Integrated Language Arts for the Middle Grades

Integrating reading and writing across the curriculum in the middle grades. Students will plan and teach as an interdisciplinary team an interdisciplinary thematic unit in a middle school classroom. Coordinated with MG 453 and RDG 459. Prerequisites: MG 452 and admission into Teacher Education.

MG 457—Mathematics for the Middle Grades

Content, teaching methods, materials, and trends in middle grades mathematics. Content areas in mathematics include: addition, subtraction, multiplication, and division algorithms; geometry; fractions; decimals and per cent; measurement and data analysis; special topics such as calculators, computers and problem solving. Includes a field-based component which requires teaching middle grades mathematics. Coordinated with MG 463 and MG 495. Prerequisites: MG 452, MAT 151, and admission into Teacher Education.

MG 463—Science for the Middle Grades

An overview of the basic program of science instruction in the middle grades. Considers child development and needs, trends in science instruction, teaching techniques and organization for instruction. Emphasis on knowledge of scientific concepts and principles and their application in technology and society. Includes a field-based component which requires planning and teaching a science unit in a middle school classroom. Coordinated with MG 457 and MG 495. Prerequisites: MG 452, and admission into Teacher Education.

MG 491—Student Teaching

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. Prerequisites: Completion of teaching field, educational foundations, curriculum and methods, admission into Teacher Education, and admission to Student Teaching.

MG 492—Practicum and Methods in the Middle Grades

A field-based course designed to explore, develop, and implement appropriate methods for the development of the early adolescent. Students will experience interdisciplinary team planning and teaching, as well as special planning and teaching a 7-10 day unit in a selected concentration area in a middle school classroom. Students will also plan and teach a teacher-based advisory activity and an exploratory activity in a middle school classroom. Prerequisites: Completion of teaching field methods courses, MG 452, MG 453, MG 455, MG 457, MG 463, MG 495, RDG 459 and admission into Teacher Education.

MG 493—Art Workshop for the Middle Grades

Provides a variety of experiences in art as part of the total middle grades program. A field-based component will be arranged. Prerequisites: MG 452 and admission into Teacher Education.

MG 495—Health and Movement Concepts: Middle Grades

The unique and changing physical characteristics of the early adolescent, and their impact on the social and emotional development of the early adolescent with a focus on the relationship of the student's physical characteristics to the total school curriculum. Emphasis on appropriate curriculum materials and teaching strategies for the instruction of health and physical education. Coordinated with MG 457 and MG 463. A field-based component will be included. Prerequisites: MG 452 and admission into Teacher Education.

MG 591—Special Topics in Middle Grades

Current trends and issues in middle grades education. The focus of the course will be tailored to meet the needs of pre-service teachers.

MG 652—Nature and Curriculum Needs of Middle School Learners

An introduction to the middle school concept that emphasizes the developmental needs of early adolescents in the context of patterns of school organization, curriculum, and instruction that are responsive to the intellectual, social, emotional, and physical needs of adolescents. Historical development, school organization, instruction, and special programs for early adolescent learners. A shadow study will be conducted in a middle school.

MG 692—Instructional Methods for the Middle Grades

A variety of instructional methods and materials to enhance learning in the middle grades. Emphasis will be placed on planning subject area and interdisciplinary units based on the characteristics of

the early adolescent. Activities are oriented to classroom practices and instruction associated with teaching at the middle grades level. A field-based project will be included. Prerequisite: Admission to Teacher Education.

MG 698—Internship: Middle Grades

A three-quarter sequence of supervised teaching in a middle grades classroom. Emphasis on instructional planning, methodology, classroom management, the selected use of appropriate materials and student evaluation. Prerequisites: Admission to Teacher Education and a Provisional Teaching Certificate.

MG 796—Teachers Environment And Free Enterprise Institute

Assists middle grades teachers in increasing their understanding of the relationship between our physical and biological environment and the free enterprise system. Primary goals include the achievement of new knowledge and the incorporation of this knowledge into classroom instruction.

MG 799—Special Topics in Middle Grades Education

The study of a topic relevant to Middle Level Education. Prerequisite: Permission of Advisor, Instructor, and Department Chair.

MG 850—Teaching Middle Grades Mathematics

An in-depth study of current topics and methods in teaching middle grades mathematics.

MG 851—Planning a Middle School Program

The leadership skills and supervisory practices necessary to support the process of designing, implementing, and evaluating a middle school program that is based on growth and development needs of early adolescents. Emphasis on utilizing philosophical tenets and best practice models of exemplary middle school programs to create an effective site-based program for collaborative school improvement and faculty development. A field-based project will be included.

MG 852—Interdisciplinary Instruction: Team Process

Cooperative team organization and planning in the middle school. Emphasis on approaches to interdisciplinary team planning and instruction. A field-based project will be included.

MG 853—Advisor/Advisee and Exploratory Programs

Middle school affective education components designed to meet the social and emotional needs of the early adolescent. Emphasis on the development, implementation and evaluation of small group teacher-based guidance programs and developmentally appropriate exploratory offerings. A field-based project will be included.

MG 854—Integrated Curriculum in the Middle Grades

Middle level curricular issues and trends that focuses on a variety of strategies that integrate the curriculum in the middle grades. Emphasis on an exploration of various integrated curriculum patterns that are responsive to the transitional, intellectual, and psychological changes of young adolescents. A field-based project will be included. Prerequisite: MG 652 or equivalent.

MG 855—Seminar in Middle Grades Education

A capstone to the middle grades program. Synthesizes the historical development, best practice, and foundations of sound Middle Level Education. Contains a major reading-writing experience which emphasizes the relationship between theory and practice, implemented through the development of several case studies in key middle grades organized concepts. Required for the M.Ed. in Middle Grades Education. A field-based project will be included.

MG 856—Problems in Teaching Mathematics in the Middle Grades

Contemporary issues, problems, and trends in teaching middle grades mathematics. Emphasis on teaching mathematical problem solving, mathematical connections, mathematics as reasoning, and mathematics as communication at the middle school level.

MG 857—Seminar with Field Study

Opportunity for conducting an action research study. The results are presented in written form reflecting library research and applied research methodology related to a middle school setting. The project is a three quarter sequence. Required for the Ed.S. in Middle Grades Education. Prerequisite: EDR 761, EDR 852, and permission of the advisor.

MG 860—Art Workshop for the Middle Grades

Provides a variety of experiences in art as part of the middle grades program.

MG 861—Literature for the Early Adolescent

An in-depth study of early adolescent literature together with techniques for helping pupils develop both oral and written personal responses.

MG 862—Teaching Social Skills and Values in the Middle Grades

The philosophical basis for values education, the societal needs for values education as reflected in existing social problems, the values education curriculum and student-centered strategies necessary for delivering the curriculum.

MG 864—Science Workshop for the Middle Grades

Introduces and promotes the use of curricula, resources, and activities which emphasize hands-on science for middle schools. Developing hands-on and interdisciplinary science curricula, classroom implementation of science programs, and the development of process and inquiry skills. Emphasis on addressing local needs and resources in the area of science instruction.

MG 865—Integrated Language Arts for the Middle Grades

Instructional strategies that integrate writing, reading, literature, and language across the curriculum in the middle grades.

MG 867—Writing and Language for the Middle Grades

The writing process and language development for middle grades students.

MG 868—Teaching Middle Grades Science

An overview of basic programs of instruction focused on the nature of the learner, trends and issues in middle school science instruction, effective teaching practices and contemporary middle school science curricula.

MG 869—Problems in Middle School Science Instruction

An in-depth study of current issues and problems prevalent to middle school science. Students will research a specific area of concern and analyze instructional methods and techniques for addressing this concern in the classroom.

MG 870—Teaching Middle Grades Social Studies

The role of social studies in the education of early adolescents. Emphasis on understanding the historical and philosophical foundations of social studies, curriculum organizations, planning and evaluation of instruction, social studies techniques and materials appropriate to early adolescent learners, and current trends in social studies. A research component included.

MG 871—Trends and Issues in Middle Level Education

The current status and future directions in Middle Level Education. Current research in early adolescent development, curriculum, school organization, pedagogy, and leadership roles in school reform. A field-based project will be included.

MG 872—Whole Language for the Middle Grades

Current research in whole language instruction. Emphasis on planning whole language strategies appropriate for the middle grades classroom.

MG 873—Problems in Teaching Social Studies in the Middle Grades

The historical-philosophical antecedents of social studies education and their impact on early adolescent education. In a seminar setting students will analyze problems challenging middle grades social studies educators, including the knowledge base of social studies, teaching for active and responsible citizenship, making curriculum choices, selecting appropriate instructional techniques, and assessing current trends in the field. Contains a research component.

MG 874—Trends and Issues in Middle Grades Language Arts

Current trends and issues in teaching one or more of the following areas in the middle grades: writing, reading and writing across the curriculum, language development, and literature.

MG 880—Supervising the Classroom Teacher

Enables the supervising/mentor teacher to demonstrate, in a classroom setting, a mastery of skill performance related to effective observation, conferencing, and communication skills. To receive credit, the course participant must have a student teacher or intern, or be serving as a mentor teacher while enrolled in this course. Prerequisite: EDL 779.

MG 893—Directed Individual Study

The student, under the direction of the instructor, will identify and study a topic relevant to middle level education. Prerequisite: Approval of the advisor, instructor, and department chair.

MG 899—Special Topics in Middle Grades Education

The study of a topic relevant to Middle Level Education. Prerequisite: Permission of the advisor, instructor, and department chair.

Management (COBA)**MGT 351—Management and Organizational Behavior**

A survey course of the field of management, examines the various perspectives on managing organizations and the basic management functions of planning, organizing, leading, and controlling. Organizational behavior topics such as motivation, communication, decision-making and power and influence. Prerequisite: Completion of 80 credit hours of coursework or consent of instructor.

MGT 354—Business Statistics

An introductory course dealing with the concepts and techniques concerning frequency distributions, central tendency and variation, probability, sampling, statistical inference, regression and correlation. Prerequisites: MAT 155, completion of 80 credit hours of coursework or consent of instructor.

MGT 355—Decision Science

The scientific decision-making methods of modern day managers. Includes decision making under certainty and uncertainty, inventory models, linear programming, Markov analysis, and queuing models. Prerequisite: MGT 354 or consent of instructor.

MGT 357—Developing Effective Leadership Skills

An applied study of leadership in large and small businesses. Development of leadership skills needed in decision making, conflict management, negotiation, motivation, team building, performance evaluation, mentoring and coaching. Prerequisite: MGT 351

MGT 361—Operations Management

Application of the principles of management to the selection, design, operation, control and updating of operational systems both in the manufacturing and service sectors. Prerequisites: MGT 351, MGT 354 or consent of instructor.

MGT 363—History of Management Thought

The evolution of management ideas through the ages, emphasizing the social conditions of the times and the changes wrought by the new approaches, concluding with a look at the future as expressed by current theorists. Prerequisite: MGT 351 or consent of instructor.

MGT 364—Current Issues in the Work Environment

An overview of the current issues in the work environment related to the job selection process, equal employment opportunity, and the rights of workers on the market. Prerequisite: MGT 351 or consent of instructor.

MGT 365—Labor Relations

Labor unions, including their history, legal environment, organizing procedures, and the collective bargaining process. Emphasis on negotiation skills. Prerequisite: MGT 351 or consent of instructor.

MGT 370—Organizational Behavior and Organizational Politics

Manager, individual and group interactions within the organizational setting including an analysis of leadership, influence processes, and current developments in changing the behavior of individuals and groups in organizations. Prerequisite: MGT 351 or consent of instructor.

MGT 371—Human Resource Management

A global overview of human resource management activities including human resource planning, job analysis, staffing, training, establishing compensation programs, evaluating employee performance, and carrying out human resource audits. Prerequisite: MGT 351 or consent of instructor.

MGT 461—Staffing, Training, and Development

Human resources planning, recruiting, and selection followed by a detailed investigation of training programs, evaluation of training, and personnel development. Quantitative techniques and the use of state of the art computer capabilities. Prerequisites: MGT 351 and MGT 354 or consent of instructor.

MGT 463—Employee Benefits

Employee benefit programs will be examined as part of an overall compensation program. The planning, executing, and evaluating of these programs will be studied as well as program cost estimation. Attention to relationships of benefit programs on employee attrition and productivity. Legal requirements will be integrated into all topics. Prerequisite: MGT 351 or consent of instructor.

MGT 471—Managing in Not-For-Profit Organizations

The unique aspects of managing not-for-profit organizations. Planning, organizing, directing, and controlling functions are applied to the not-for-profit organization and human resource management techniques are considered for the sector. Further, the role in society of the not-for-profit organization is examined. Prerequisites: MGT 351 or consent of instructor.

MGT 472—Compensation Management

The fundamentals of wages and salaries in business organizations, the historical and legal trends in wage administration, the role of job analysis and performance appraisal in establishing a sound wage and salary program, and the basic ingredients of an effective compensation program. Prerequisite: MGT 351 or consent of instructor.

MGT 473—Case Problems in Management

Presents for analysis, discussion, and solution case-problems, descriptions of actual situations met in day-to-day operation of business enterprise which require managerial action. Prerequisite: senior standing. MGT 351 or consent of instructor.

MGT 475—Management Information Systems

A survey of information technology for management decision-making in organizations. Emphasis on the use of information technology for competitive advantage. Prerequisites: CIS 251 and MGT 351, or consent of instructor.

MGT 477—Management of Quality

The managerial issues that are important in understanding and implementing a corporate-wide "Management of Quality" program. Prerequisites: MGT 351, MGT 361 or consent of instructor.

MGT 478—Planning and Control Systems in Operations Management

How firms plan and control production. Emphasis on understanding traditional production planning and control systems, how material and capacity are coordinated in complex facilities, and how new planning and control systems, such as JIT and DBR, differ from traditional systems in philosophy, requirements, and policy. Prerequisite: MGT 361.

MGT 479—Management of Service Options

Service organizations and current issues that service industries can respond to via formal analysis. The design and delivery of a service product; the definition and measurement of service quality; and the deployment of resources, both physical and human, to meet goals as stated by the service company. Prerequisites: MGT 361.

MGT 480—Operations Strategy

A capstone course for management students choosing an operations management emphasis. Understanding how the operations function can be used to provide a competitive advantage for a business. A study of higher-level operations decision-making. Prerequisites: MGT 361 and another operations management course or consent of instructor.

MGT 481—Entrepreneurship

The business formation process focusing on the behaviors of entrepreneurs and the creation of new businesses in dynamic environments. Prerequisite: MGT 351, MKT 350, FIN 351 or consent of instructor.

MGT 482—Small Business Management

Complete coverage of small business operations with proper balance between business functions and the management function. Prerequisite: MGT 351, MKT 350, FIN 351 or consent of instructor.

MGT 483—Applied Small Business Management

An applied study of actual small businesses. Involves developing a major case project tailored to the needs of an actual business. Prerequisites: MGT 481 and MGT 482.

MGT 511—Executive Leadership Seminar

Invited guest lecturers executives (from industry, government, and education) present their views on leadership. Each class will be coordinated by a Georgia Southern faculty person who will assign selected readings on executive leadership. Prerequisite: Senior standing and by permission only.

MGT 563—International Management

Acquaints the student with an appreciation for and an understanding of the operations of the multinational firm. Prevailing management practices of various international companies are studied in depth. Prerequisite: MGT 351 or consent of instructor.

MGT 596—Special Problems in Management

Involves individual student research or study on special problems under the direction of a management faculty member having special qualifications or interests in the problem area. Prerequisite: By permission only.

MGT 599—Internship in Management

A supervised work-study program in selected business firms throughout the Southeast. Any student enrolled in the internship program will be required to work for one full quarter. Prerequisites: Junior Standing; consent of both the supervising instructor and the department chairperson is also required.

MGT 796—Special Problems in Management

Independent study and research in selected areas of management under supervision of a member of the faculty. Prerequisite: Consent of the instructor, chair, and advisor.

Marketing (COBA)**MKT 350—Principles of Marketing**

A basic survey of the field of marketing with emphasis upon the problems of policy determination and marketing management. Consideration is given to the international and ethical aspects of marketing decisions. Prerequisite: Completion of 80 credit hours of coursework.

MKT 351—Principles of Advertising

Management of advertising by clients and agencies. Budgeting, research, media selection, preparation of advertisements, and economic and social impact of advertising. Prerequisite: MKT 350 or consent of instructor.

MKT 352—Professional Selling

The methods of selling, analysis of prospects, knowledge of merchandise and its uses, preparation of sales presentations, methods of handling objections and closing sales, with emphasis on relationship selling. Videotaped role playing required. Prerequisite: MKT 350.

MKT 353—Business to Business Marketing

Management of business to business marketing activities with emphasis on marketing research, product or service strategy, marketing channels, and promotional and pricing strategy. Prerequisite: MKT 350.

MKT 354—Retail Store Management

A comprehensive course emphasizing the specific activities of retail management, merchandising, and promotion. Prerequisite: MKT 350.

MKT 356—Direct Response Marketing

Management of non-personal promotional methods which are designed to secure immediate response by the customer. Direct mail, the print and electronic media, and telemarketing. A complete di-

rect response campaign is required of each student. Prerequisites: MKT 350 and MKT 351.

MKT 359—Credit and Collections

Management of consumer and mercantile credit. Analysis of credit risk. Management of collections and control of credit. Prerequisite: MKT 350 and MKT 351.

MKT 450—Retail Merchandising and Control

Planning and analysis with reference to merchandise and expense budgets, pricing, purchase planning, buying techniques, stock control, and related retail operations. Prerequisites: MKT 350 and MKT 354.

MKT 451—Industrial Purchasing

Purchasing organization; purchasing procurement procedures and their application; role of purchasing in the business organization; procurement problems. Prerequisite: MKT 350

MKT 452—Marketing Research

The role of research in the solution of marketing problems. Emphasis on available data analysis and methods of field investigation. Direct experience with large-system data entry and analysis in a field investigation is required. Prerequisite: MKT 350 and MGT 354.

MKT 454—Retail Management Problems

Case problems in retail store management, merchandising, control, pricing, promotion, and customer service. Prerequisite: MKT 354.

MKT 455—Marketing Management

Marketing policies and strategy. Product planning, pricing, distribution, promotion, and service from the marketing manager's viewpoint. Prerequisite: MKT 350.

MKT 456—Sales Management

Management of sales force activities. Emphasis on organization, territory design, leadership skills, motivation, and cost analysis. Prerequisites: MKT 350 and MKT 352.

MKT 457—Services Marketing

An in-depth analysis of the application of marketing theory and methods to services marketing. Emphasis on the unique problems associated with the marketing of services and the design and implementation of marketing strategies for service firms. Prerequisite: MKT 350.

MKT 458—Advertising Management and Policies

Critical analysis of problems such as advertising budgets, client-agency relationships, advertising account management, media management, administration and control, media planning. Prerequisite: MKT 351.

MKT 459—Advertising Campaigns

Multimedia advertising campaigns with special emphasis on setting advertising objectives, developing advertising strategies, and executing those strategies in the marketplace. Students, working in groups, will prepare and present an advertising campaign. Prerequisite: MKT 350 and MKT 351.

MKT 460—Administrative Communication

Both theory and practice of oral and written communications in business organizations are stressed. Emphasis on individual and group performance, relating this to communication theories, briefing procedures for staff and board meetings, and concepts of semantics for clarity in communication. Prerequisite: MKT 355 or equivalent. Does not count as a marketing elective.

MKT 461—Buyer Behavior

Application of the behavioral science approach to analysis of buyer behavior, both final consumer and industrial. Individual, social and sociocultural factors are studied. Prerequisite: MKT 350.

MKT 465—International Marketing

World trade patterns. Management and marketing principles applicable to international business. Comparative marketing analysis of selected countries with an emphasis on cross cultural analysis and communication. Prerequisite: MKT 350 or consent of instructor.

MKT 470—Marketing for Non-profit Organizations

A survey of the field of marketing for non-profit organizations; including governmental organizations, mutual benefit organizations, and service organizations. Prerequisite: MKT 350.

MKT 596/796—Special Problems in Marketing

Independent study and research in selected areas of marketing under supervision of a member of the marketing faculty. Prerequisite: approval of the instructor and department chairperson.

MKT 599—Internship in Marketing

A supervised work-study program in a limited number of selected business firms throughout the Southeast and nationally. Student interns will be permitted to undertake internships only after review of academic qualifications and with firms pre-approved by the Marketing faculty. An extensive report detailing the internship will be required. Prerequisite: Substantive coursework completed within major area of study. Approval of both the supervising faculty member and the department chairperson is also required.

Military Science (ROTC) (COST)

MS 101—Introduction to Mountaineering

Instruction and practical exercises introducing the fundamentals of mountaineering (climbing, rappelling, belaying, and rope-bridging techniques). Emphasis on knot-tying, safety procedures, and the use of group dynamics to expand the learning experience in a wilderness environment. Basic first aid subjects. One weekend field trip. Acceptable as a P.E. requirement. (1)

MS 102—Introduction to Military Science

A basic understanding of the U.S. Army and its role in national defense. The role of the U.S. Army in national defense, organization and branches of the U.S. Army, ROTC and its role, customs and traditions of the service, military writing, implementing a personal physical fitness program, leadership, role of the ARNG and USAR, and the role of the non-commissioned officer. (1)

MS 103—Basic Military Leadership

The fundamentals of Army leadership and management techniques through lectures and discussions on leadership and management theories, special readings, and student presentations. (1).

MS 104—Introduction to Marksmanship

Basic marksmanship techniques including safety procedures, physiological considerations, and firing Army small arms weapons. One weekend field trip. Restricted to freshmen and sophomores who are eligible to pursue a commission in the U.S. Army. Not acceptable as a P.E. requirement. (1)

MS 201—Land Navigation/Map Reading

Skills required to accomplish cross country navigation using a compass and/or a map. Incorporates the use of military map symbols and identification of terrain features depicted on a military map. (1)

MS 202—Individual Military Skills

Various individual military skills and professional knowledge subjects to include basic first aid, survival, and communications. (1)

MS 203—Basic Tactics

The mission, organization, and composition of small unit teams, principles of offensive and defensive operations stressing firepower, movement and communication techniques; and introduction to troop leading procedures. (1)

MS 250—Basic Military Skills Practicum

A six-week training and leadership development program which will qualify students for entry into the ROTC program of study. Encampment and training conducted at Ft. Knox, KY. Instruction and evaluation done by U.S. Army personnel assigned to the U.S. Army ROTC Cadet Command. (5)

MS 334—Advanced Tactics I

The fundamentals of leadership and the leader's role in directing individuals and small units in offensive and defensive tactics. Emphasis on developing and executing orders under a given scenario and troop leading procedures. Land navigation and communication subjects are also included in the course. (3)

MS 335—Advanced Tactics II

The fundamentals of leadership and the leader's role in directing small and large units in offensive and defensive tactics. Emphasis on squad tactical reaction procedures, patrolling techniques, and conducting after-action reviews. (3)

MS 336—Advanced Leadership

Management, leadership, and motivation techniques which relate to both civilian and military environments. Emphasis on green tab leadership and leadership assessment. Subjects deemed necessary as final preparation for advanced summer training are also included in the course. (3)

MS 350—Advanced Military Skills Practicum

The study and practical application of military skills and leadership ability during a six-week encampment experience. Instruction and evaluation are done by U.S. Army personnel assigned to the U.S. Army ROTC Cadet Command. Encampment and training conducted at Ft. Bragg, NC. (5)

MS 434—Command and Staff Operations

Provides the MS IV cadet with instruction in the Army Command and Staff Functions. Military and professional knowledge topics include writing in the Army style, writing an after-action report, oral communications, conducting briefings, preparing to conduct training, evaluating training, and the Leadership Assessment Program. (3)

MS 435—Leadership And Management

The study of Military Law, the Law of War, and basic professional knowledge an individual needs in order to be a professional officer. (3)

MS 436—Transition to Lieutenant

To prepare and assist MS IV cadets in their transition from cadet/student to commissioned officer/professional. (3)

Music (CLASS)**(MUA) Applied Music**

Admission by approval of the Music faculty. Instruction in various instruments and voice is offered. The fee for receiving one hour credit (twenty-five minute lesson per week) is \$12.50 per quarter; the fee for receiving two hours credit (fifty-minute lesson per week)

is \$25.00; the fee for receiving three hours credit (fifty-minute lesson per week) is \$37.50. The applied music courses carry the letters MUA and include the following graduate offerings: Percussion 833; Piano 834; Strings 835; Voice 836; Woodwind 837; Brass 838.

(MUE) Music Ensembles

Ensembles of various types are available. Group activities for which credit is given carry the letters MUE. Graduate credit is available for the following ensembles: Vocal Ensemble 803; Opera Theater 804; Woodwind Ensemble 805; Brass Ensemble 806; Percussion Ensemble 807; Wind Ensemble 808; Jazz Ensemble 809; String Ensemble 810; Jazz Combo 812; Chorus 820; Symphonic Band 821; Orchestra 824; Marching Band 825; and Piano Ensemble 826.

MUS 111 A, B—Brass Class

Emphasis on acquiring a theoretical and practical knowledge of brass instruments. Includes instructional application through playing and the study of methods and materials.

MUS 112 a, B—Percussion Class

Emphasis on acquiring a theoretical and practical knowledge of percussion instruments. Includes instructional application through playing and the study of methods and materials.

MUS 113 A, B—String Class

Emphasis on acquiring a theoretical and practical knowledge of string instruments. Includes instructional application through playing and the study of methods and materials.

MUS 114—Voice Class

Emphasis on acquiring a theoretical and practical knowledge of the vocal instrument. Includes instructional application through singing and the study of methods and materials.

MUS 115 A, B—Woodwind Class

Emphasis on acquiring a theoretical and practical knowledge of woodwind instruments. Includes instructional application through playing and the study of methods and materials.

MUS 116 A, B, C—Class Piano

The study and development of keyboard theory and functional piano skills at the elementary level, including scales and chords, harmonization, sightreading, transposition and improvisation. Required for all non-keyboard majors each quarter until the piano proficiency is passed.

MUS 117 A—Composition Class

An introductory course to begin the development of skills in melodic/harmonic music composition. Prerequisite: MUS 127a/131 or MUS 361.

MUS 117 B—Composition Class

An introductory course to begin the development of skills in melodic/harmonic music composition. Prerequisite: MUS 117a.

MUS 119—Guitar Class

Group instruction in guitar.

MUS 120—Practical Technology in Music

An introductory course in the current uses of technology in music, including study of audio equipment (microphones, cassette and DAT recording/playback, amplifiers, etc.), and basic computer/synthesizer techniques.

MUS 126 A, B, C—Class Piano

Scales, arpeggios, cadences, transposition, harmonization of diatonic melodies and sight-reading of Bach Chorales, and open score

reading. Required of all keyboard majors each quarter (for a maximum of six hours credit) until the Piano Exit Examination is passed.

MUS 127 A, B, C—Sight-Singing and Ear Training

A beginning course in sight-singing and the melodic, harmonic and rhythmic aspects of ear training. To be taken in conjunction with MUS 131, 132 a,b.

MUS 131—Fundamentals

A practical course in music and terminology. The first course in a sequence of MUS 131, MUS 132 a, b.

MUS 132 A, B—Theory I

The basic diatonic harmonies employed in musical composition and culminating with dominant seventh harmonies. Prerequisite: MUS 131 or consent of instructor.

● **MUS 152—Introduction to Music**

An introduction to selected masterpieces of music studied against a background of lives and times of the great composers.

MUS 190—Remedial Theory

Offers the student an opportunity to review and practice skills necessary to MUS 127 a, b, c; 131; 132 a, b; 227 a, b, c; and 231 a, b, c. No credit.

MUS 216 A, B, C—Class Piano

The continued study and development of skills begun in MUS 116 at the intermediate level. Required for all non-keyboard music majors each quarter until the Piano Exit Examination is passed. Prerequisite: MUS 116c.

MUS 220 A, B, C—Jazz Improvisation

Theory and techniques of jazz improvisation with emphasis on functional harmony, melodic form, special scales, tune studies, ear training and development of style. Prerequisite: MUS 127c, 132b or consent of instructor.

MUS 221—Diction for Singers

Approaches diction for singing through the study of the International Phonetic Alphabet and its application to Italian, French, German, English, Latin, and Spanish song literature. Recommended for singers or for pianists with an interest in vocal accompanying.

MUS 227 A, B, C—Sight-Singing and Ear Training

Development in aural perception and sight-singing skills to parallel the work in MUS 231 a, b, c. Emphasizes melodic and harmonic dictation and sight-singing. To be taken in conjunction with MUS 231 a, b, c. Prerequisites: MUS 127c and MUS 132b.

MUS 228 A, B, C—Composition

Creative writing for small ensembles and soloists with emphasis on notation, form, and individual stylistic development. Performance of works stressed. Prerequisite: MUS 117b or consent of instructor.

MUS 229 A, B—Piano Pedagogy I

Learning and teaching styles relative to piano teaching. Survey of methods and materials.

MUS 231 A, B, C—Theory II

Traditional, chromatic and 20th century harmonies, including exercises in composition. Prerequisite: MUS 127c and MUS 132b.

MUS 255—Music in Recreation

Introduces the musical concepts of rhythm, melody, and harmony from both a theoretical and a performance-based approach. Emphasis on the application of acquired musical skills to the areas of

public, therapeutic, outdoor, and commercial recreation. For recreation majors.

MUS 311—Brass Pedagogy

Literature and teaching techniques for brass instruments, to include: embouchure, breath control, articulation, general production of tone, and facility. Prerequisite: Two years private study on student's primary instrument, or consent of instructor.

MUS 312—Percussion Pedagogy

Literature and teaching techniques for percussion instruments, to include: mallet selection, grip, tone production, and general technique and facility. Prerequisite: Two years private study on student's primary instrument, or consent of instructor.

MUS 313—String Pedagogy

Literature and teaching techniques for string instruments, to include: elementary to advanced bowing techniques, shifting, and vibrato. Prerequisite: Two years private study of student's primary instrument, or consent of instructor.

MUS 315—Woodwind Pedagogy

Literature and teaching techniques for woodwind instruments, to include: embouchure, breath control, articulation, general production of tone, and facility. Prerequisite: Two years private study on student's primary instrument, or consent of instructor.

MUS 321 A, B, C—Accompanying

Practical training in the tradition, interpretation and execution of accompaniments in both vocal and instrumental areas. Required of all students in the Bachelor of Music with a major in performance, piano primary.

MUS 324—Vocal Literature: Italian/French

A chronological study of the Italian and French song literature focusing on selected works of representative composers in each stylistic period. Recommended for singers or for pianists with an interest in vocal accompanying. Prerequisites: MUS 221 or consent of instructor.

MUS 325 A, B, C—Advanced Jazz Improvisation

Theory and techniques of advanced jazz improvisation with study of materials and methods for improvising and extemporaneous playing. Emphasis on performance of "standards" by memory and the reading of chord symbols. (Infinite content course on a continuing basis.) Prerequisites: MUS 220 a,b,c or consent of instructor.

MUS 326—Vocal Literature: English/German

A chronological study of the English/American art song and German Lied focusing on selected songs of representative composers in each stylistic period. Recommended for singers or for pianists with an interest in vocal accompanying. Prerequisites: MUS 221 or consent of instructor.

MUS 328 A, B, C—Intermediate Composition

Creative writing using techniques of various historical periods including those of the early 20th century with emphasis on larger forms and individual stylistic development. Performance of works stressed. Prerequisite: MUS 228c, or consent of instructor.

MUS 329 A, B—Piano Pedagogy II

Survey of literature for elementary to moderately difficult levels; lesson planning and performance practice.

MUS 338—History of Music I

A chronological survey of music from antiquity to the end of the Renaissance, emphasizing issues of style, performance practice,

musical aesthetics, and cultural context. Three lecture hours and one laboratory hour per week. Prerequisite: MUS 152, or consent of instructor.

MUS 339—History of Music II

A chronological survey of music in the Baroque and Classical periods, emphasizing issues of style, performance practice, musical aesthetics, and cultural context. Three lecture hours and one laboratory hour per week. Prerequisite: MUS 152, or consent of instructor.

MUS 340—History of Music III

A chronological survey of music from the beginning of the Romantic period to the present, emphasizing issues of style, performance practice, musical aesthetics, and cultural context. Four lecture hours and one laboratory hour per week. Prerequisite: MUS 152, or consent of instructor.

MUS 351—Music for Teachers: Early Childhood (K-4)

A laboratory course for education majors specializing in early childhood which provides experiences in singing, movement, playing rhythm and accompanying instruments, and music skills for teachers. The emphasized materials of music education are for kindergarten through grade four.

MUS 352—Music for Teachers: Upper Elementary (4-8)

A laboratory course for education majors specializing in upper elementary grades which provides experiences in singing, movement, playing rhythm and other instruments, and music skills for teachers. The emphasized materials of music education are for grades four through eight.

MUS 356—Counterpoint

Practical writing experience in species, 18th-century, and 20th-century counterpoint. Prerequisite: MUS 231c and MUS 227c, or consent of instructor.

MUS 357—Instrumentation

Traditional instrumental notation, ranges, and technical capabilities. Basic instrumental scoring techniques. Prerequisite: MUS 231c and MUS 227c or consent of instructor.

MUS 358—Analytical Techniques

Stylistic elements of music with special emphasis on form and structure. Prerequisites: MUS 231c and MUS 227c.

MUS/AS/AAS 360—History of Jazz

The principal movements, schools, performers and peripheral aspects of American jazz music from its origins to the present. A jazz survey course which emphasizes the historical, musical and chronological development of jazz music.

MUS 361—Music Theory for the Non-major

Basic music theory with emphasis on note reading, understanding scales and rhythms, simple chord formations and their applications, basic relationships between melody and harmony and reading melodies at sight.

MUS 362—Advanced Music Theory for the Non-Major

Further study in melodic and harmonic relationships with an emphasis on chords, chord symbols, and chord progressions through the study and analysis of musical compositions. Prerequisite: MUS 361 or consent of instructor.

MUS 399—Selected Topics in Music

MUS 420—Basic Conducting

A practical course directed toward the cultivation and development of the skills required for students who plan to conduct musical ensembles.

MUS 428 A, B, C—Advanced Composition

Creative writing using techniques of the present including electronic music, multi-mixed and inter-media, theater music and computer music. Performance of works stressed. Required of B.M. students with composition emphasis during final recital preparation. Prerequisite: MUS 328c or consent of instructor.

MUS 429—Marching Band Techniques

Instruction in the necessary skills required of an instrumental school music teacher. Combines elements of the following: (1) field rehearsal skills (marching); (2) drill creation; (3) charting skills by computer and by hand; (4) auxiliary unit techniques; (5) leadership and motivation.

MUS 439—Piano Pedagogy III

Observations of lessons and master classes. Practice teaching under faculty supervision. Adjudication techniques.

MUS 443—Vocal Pedagogy

Development of the teaching of singing through the study of its history and the investigation and application of research in vocal production and pedagogy. Involves supervised teaching of applied lessons by students and a survey of teaching materials. Prerequisites: MUS 221 or consent of instructor.

MUS 450—Jazz Styles and Analysis

Most of the major jazz styles which have been documented in recordings. Emphasis in post-1940 styles of big band, jazz combos and various rhythm sections, and in the musical analysis of those jazz styles. Prerequisites: MUS 227c; 231c; 360 or consent of instructor.

MUS 451—Music in the Elementary School

For the music specialist in the elementary school, with an emphasis on materials and methodology used in kindergarten through grade eight. Restricted to music majors.

MUS 454—symphonic Literature

A survey of orchestral literature from the early Classic period to the present with analysis of selected works. The development of musical instruments, instrumentation and performance practices are also considered. Prerequisite: MUS 152, MUS 227c, MUS 231c or consent of instructor.

MUS 455/655—Music Industry I

Prepares interested and qualified students for positions in all areas of the music industry. Combines the elements of (1) Music in the Marketplace, (2) Songwriting, Publishing, Copyright and (3) Business Affairs.

MUS 456/656—Music Industry II

Prepares interested and qualified students for positions in all areas of the music industry. Combines the elements of (1) the Record Industry, (2) Music in Broadcasting and Film and (3) Career Planning and Development.

MUS 461—Choral Conducting and Literature

Development of conducting techniques and skills through the study of literature appropriate for all levels of choral ensembles.

MUS 462—Instrumental Conducting and Literature

Development of conducting techniques and skills through the study of literature appropriate for all levels of instrumental ensembles.

MUS 464—Electronic/digital Music I

A study and application of the techniques of analog and digital sound production and synthesis. Prerequisite: MUS 120—Technology in Music or consent of instructor.

MUS 465—Electronic/Digital Music II

Advanced electronic/digital sound production techniques, including hard-disk recording and sample editing. Prerequisite: MUS 464 or consent of instructor.

MUS 491—Special Problems in Music

Individualized topics for independent study. Registration for this course available only after approval of chair, Department of Music.

MUS 520 A, B, C.—Piano Literature

A historical and stylistic survey of piano literature from the early 18th century to the present.

MUS 551/751—Music of the Baroque Period

A survey of the vocal and instrumental music from 1600-1750 with special attention to selected works by Monteverdi, Carissimi, A. Scarlatti, Vivaldi, Schuetz, Bach and Handel. Prerequisite: MUS 339.

MUS 552/752—Music in the 19th Century

A survey with special emphasis on symphonic literature, the art song and piano literature. Selected works are analyzed as autonomous works of art and as manifestations of the Romantic spirit. Prerequisite: MUS 340.

MUS 553/753—Music in the 20th Century

Selected works illustrating the main trends of music since about 1890. Post-romanticism, impressionism, primitivism, expressionism, neoclassicism, experimental music, electronic and aleatory music. Prerequisite: MUS 340.

MUS/AS 554/754—Music of the United States

A historical survey limited specifically to music and musical practice in the United States from the Colonial Period to the present. Emphasis on typically American types such as jazz, folk songs and musical plays.

MUS 557/757—History of Opera

A chronological survey of opera from its historical antecedents in the Renaissance to the present. Prerequisite: MUS 338, 339, and 340, or consent of instructor.

MUS 559/759—Music of the Classic Period

A critical study of the Classical style in musical composition from the time of Sammartini through the early works of Beethoven including analysis of selected compositions. Emphasis is placed on the works of Haydn and Mozart. Prerequisites: MUS 339.

MUS 599/799—Selected Topics in Music**MUS 650—Jazz Styles and Analysis**

Most of the major jazz styles which have been documented in recordings. Emphasis in post-1940 styles of big band, jazz combos, and various rhythm sections, and in the musical analysis of those jazz styles.

MUS 691—Special Problems in Music

Individualized topics for independent study. Registration available only after approval of department chair.

MUS 758—Music Research Techniques

An examination of methodologies commonly used in various areas of music research; basic and advanced reference sources relating

to music; printed and computerized instruments of access related to music research; means for critically evaluating manuscript and printed musical sources; and forms of bibliographic citation.

MUS 850—Technology in Music

Introduces uses of current technology in music, including electronic recording/playback of sound, audio systems and basic digital sound production techniques (computers and synthesizers).

MUS 851—Advanced Electronic/digital Music

For the experienced electronic/digital musician, which presents current uses of hardware/software, such as hard-disk recording, sample editing and work station techniques.

MUS 852—Methods and Materials in General Music

For music directors who conduct classes for non-performers. Emphasis on understanding the function and structure of music in relevant form for the general student.

MUS 853—Chamber Music Literature

A historical survey and critical evaluation of chamber music from the time of Haydn to the present, including analysis of selected works. Emphasis on music for the piano trio, the string quartet, the woodwind quintet and brass ensembles.

MUS 854—Advanced Choral Techniques and Materials

Instruction in techniques of choral ensemble rehearsal, including both preparation and execution, and practical experience in the critical analysis of selected choral ensemble performances.

MUS 855—Advanced Instrumental Techniques and Materials

Instruction in techniques of instrumental ensemble rehearsal, including both preparation and execution, and practical experience in the critical analysis of selected instrumental ensemble performances.

MUS 856—Music of the Americas

A historical and analytical study of the development of music in Latin America, Canada and the United States from the early 16th century to the present.

MUS 857—Experimental Research in Music

An introduction to the broad classifications of music research topics and the techniques of experimental research in music including terminology, rationale, and methodology.

MUS 858—Composition

The development of skills in graduate music composition. Prerequisites: Graduate standing and consent of instructor.

MUS 859—Marching Band Techniques

An advanced theoretical and practical approach to the instruction or direction of the marching band. Rehearsal aspects, show creation, color guard techniques, marching styles, charting techniques, administration, and computer applications of the marching band.

MUS 862—20th Century Music Education Methodologies

Current and traditional methodologies in 20th Century Music education, with specific emphasis on Kodaly, Orff, Dalcroze, MMCP, and Comprehensive Musicianship. For music educators who wish to increase their knowledge and skills in providing musical experiences for primary and intermediate classrooms.

MUS 865—Advanced Analytical Techniques

Techniques for the analysis of music not generally considered in undergraduate theory courses, such as the more complex traditional works and characteristic 19th century works.

MUS 868—Advanced Band Arranging

Practical experience in contemporary arranging techniques for concert band and jazz ensemble. Includes study in score analysis and advanced conducting techniques.

MUS 869—Advanced Choral Arranging

Practical experience in arranging for various vocal combinations, score analysis, score reading, manuscript preparation for publishers and review of the U.S. copyright laws. Advanced conducting experiences will be included.

MUS 870—Contrapuntal Techniques

Contrapuntal techniques through the ages with emphasis on the recognition of devices.

MUS 871—20th Century Harmony

Harmonic concepts and practices in the current century.

MUS 950—Music Administration

Introduction of the various issues in music administration including, but not limited to, those relating to personnel, decision making, funding and budgeting, curriculum development, student recruitment, short- and long-range planning, public relations, legal considerations, and future trends in music.

MUS 952—Seminar in Music

Concentrated and directed problem analysis in music. Research and contemporary trends in instruction are included.

MUS 955—Seminar in Music Theory

Different approaches as found in standard texts for organizing and teaching traditional harmony and ear training in high school and college.

MUS 960—Band Literature

A survey of wind band music from the Renaissance to the present with emphasis on historical viewpoints and music listening.

MUS 961—Choral Literature

A survey of the various forms of choral music from the Renaissance to the present with emphasis on the Mass, motet, cantata and oratorio.

Nutrition and Food Science (CHPS)**NFS 151—Introductory Food Science**

Develops basic understanding in the principles of food science and techniques of food preparation. Applies basic principles and skills involved in food preparation for use by individuals, families and volume foodservices. Examines the nutrient composition of food and appropriate sources of data. Prerequisite for advanced food science courses and an elective to general personal enrichment. Three lectures and four laboratory hours per week.

NFS 251—Nutrition and Health

The basic principles of nutrition and the relationship to the maintenance of physical fitness and the sense of wellness of the individual. Computer use for nutritional analysis is studied.

NFS 252—Nutrition and Diet Therapy

The acquisition of knowledge and understanding of the principles of nutrition and the application of the principles to the nutritional needs of individuals and families in both good health and disease. Prerequisites: 10-hour laboratory science sequence. Five lecture hours per week.

NFS 253—Nutrition Management for Foodservice

The basic principles of nutrition are discussed from the standpoint of how the foodservice industry must assume responsibility for providing a healthy nutritional food supply. Prerequisite: NFS 151.

NFS 326—Foodservice Sanitation

Principles of sanitation for institutional and hospitality foodservice facilities. Studies of food spoilage and foodborne illness, maintenance of sanitary food facilities, equipment and supplies and sanitation regulations and standards. Emphasis on establishing and managing procedures that ensure food safety in purchasing, storage, preparation and service of food. For Hospitality Administration emphasis, Foodservice Management minors, and Hotel and Tourism students only. Prerequisites: NFS 151, 251 or 253 or permission of instructor.

NFS 351—Nutrition

Considers fundamental principles of human nutrition and their application in selection of recommended diets for individuals and families. Three lectures, four laboratory hours weekly. For majors. Prerequisites: CHE 171, 172.

NFS 352—Meal Management

Develops competencies in organization, management of time, menu planning and foodservice for various occasions while utilizing principles of nutrition and quality meal service. Studies are made of principles in the selection and arrangement of table appointments. Three hours lecture and four hours lab per week. Prerequisites: NFS 151, 251, or 351, or permission of instructor.

NFS 353—Food Preservation Techniques

Methods of preserving foods are studied; experiments conducted. Recent developments in food technology reviewed. Prerequisites: NFS 151, 251; CHE 171, 172.

NFS 354—Nutrition Throughout the Life Cycle

The role of nutrition and dietary needs in the growth, development and maintenance of health of individuals from birth to aging. The impact of physiological changes on nutrition needs. Application of computers in nutritional analysis. Fundamentals of nutrition care delivery in community programs. Prerequisites: A five-hour course in nutrition (NFS 251, 252, 351) or consent of instructor; BIO 271, 272 desirable.

NFS 451/651—Nutrition Education Strategies

Innovative communication of latest nutrition knowledge as it relates to developmental stages and learning. Integration of nutrition concepts into curriculum development for grades K-12. Development, selection and evaluation of nutrition education materials. Identification of community/regional resources, agencies and legislation regarding nutrition, principles of education and effective teaching methods. Prerequisites: Five hours of undergraduate nutrition and/or consent of instructor.

NFS 452—Advanced Nutrition

Considers nutrition principles at an advanced level with respect to requirements, functions and metabolism of various nutrients. Prerequisite: BIO 271, 272; CHE 380; NFS 251 or 351; or consent of instructor.

NFS 453—Therapeutic Nutrition

Modification of normal diet for therapeutic purposes. Application of computer use for dietary analysis and nutritional assessment, planning, intervention, and evaluation examined. Effective communications, documentation, counseling and interviewing studied. Quality assurance investigated. Prerequisites: BIO 271, 272; CHE 380; NFS 251 or 351, NFS 452 or consent of instructor.

NFS 454/654—Experimental Food Science

Chemical, physical and biological properties of food and ingredients. Relationship of methods and techniques and proportions of ingredients and their effect on the quality of the product. Basic concepts of research methodology, statistical analysis and technical report preparation. Three hours lecture and four hours laboratory weekly. Prerequisites: NFS 151; CHE 171, 172; NFS 251, STA 255 or consent of instructor.

NFS 455—Cultural and Scientific Aspects of Food and Nutrition

Analysis of food as applied to the individual and the community. The influence of socioeconomic, cultural and psychological factors of food and nutrition behavior, international food patterns, provision of world food supplies and consequent nutritional problems. Prerequisites: NFS 151 and five hours of nutrition.

NFS 457/657—Quantity Food Production

Application of principles of food science and techniques of food preparation to volume food production for foodservice facilities. Menu planning for nutrition of individuals and groups in health and disease is studied. Food production, distribution and service, laws and regulations affecting food production, computer use as a production control. Three lectures and four laboratory hours weekly. Prerequisites: NFS 151, NFS 326 or BIO 284, CIS 251 or permission of instructor.

NFS 459—Foodservice Management Practicum

Supervised practicum with selected agencies which perform educational services directly related to the precepts of the Foods and Nutrition major. Work sites will be selected by the faculty member directing the practicum and will be with business, institutions or governmental agencies performing services related to the major. Students enrolled in the program must agree to abide by regulations governing all employees of the sponsor. Prerequisite: Permission of the instructor.

NFS 467—Catering and Beverage Management

Application of food science and management principles to quantity food preparation for special events, both on- and off-site. Principles of planning, production, service, presentation and evaluation of catering activities will be emphasized. Two lecture hours, six laboratory hours per week. Prerequisites: NFS 151, NFS 457, or permission of instructor.

NFS 491—Internship in Foods and Nutrition

Supervised work-study program in a selected foodservice management facility. Students are expected to interview for jobs in facilities which are approved by the Department. Does not substitute for a post-graduate American Dietetic Association Accredited Internship. Prerequisites: NFS 456, 457, 458 and consent of Department Chair and Instructor.

NFS 851—Recent Developments in Nutrition

Recent developments and present status of knowledge on selected topics from the field of nutrition. Organized to use classic studies as background materials.

Nursing (CHPS)**NUR 235—Introduction to the Conceptual Basis of Nursing Health Promotion Throughout Life**

An introduction to the BSN Program's Framework of Health Promotion Throughout Life. The concepts of person, nursing, health, environment, health promotion, human caring, communication, ethical principles, critical thinking, empowerment, research, cultural sensitivity and healthcare technology are explored and applied to specific case situations. The historical aspects of nursing and healthcare, with emphasis on the rural environment, as well as

healthcare policy and financial implications in the current healthcare arena. Healthcare delivery systems, barriers to healthcare, and legal aspects of nursing. The ANA Standards of Nursing Practice are introduced with emphasis on caring and ethics. Prerequisite: Admission to BSN Program

NUR 245—Pharmacology and Alternative Therapeutic Modalities

Introduces basic nursing concepts of pharmacology and alternative therapeutic modalities appropriate to culturally diverse populations. Ethical, legal, and patient-teaching responsibilities delineated. Emphasis on roles and responsibilities of the nurse in collaboration with the multidisciplinary team. Prerequisites: Admission to BSN Program. Corequisite: NUR 235.

NUR 260—Therapeutic Nursing Interventions: Health Promotion I

Builds on a foundation for professional nursing practice including fundamental concepts and principles related to basic nursing care for a culturally diverse rural population. Emphasis on the acquisition of basic nursing skills and utilization of enabling factors in the performance of safe and appropriate therapeutic nursing interventions. Incorporates knowledge gained from the arts and sciences into the practice of nursing. Prerequisites: NUR 235, NUR 245. Corequisite: NUR 265

NUR 265—Therapeutic Nursing Interventions Practicum I

Focuses on the acquisition of basic nursing skills and utilization of enabling factors needed to provide safe and appropriate therapeutic nursing interventions. Knowledge will be utilized in the performance of basic therapeutic nursing skills. Prerequisites: NUR 235, NUR 245. Corequisite: NUR 260.

NUR 300—Health Assessment Across the Lifespan

The theoretical and laboratory course focuses on the physical, psychosocial, and spiritual parameters of persons across the lifespan. Facilitates the development of health assessment skills within the Health Promotion Framework. Prerequisites: NUR 260, NUR 265. Corequisites: NUR 310, NUR 315.

NUR 310—Mental Health Nursing: Health Promotion II

Introduces major theoretical concepts in mental health which relate to the nursing care of persons, families, groups, and communities. Utilizing the Health Promotion Framework, students conceptualize how the enabling factors are incorporated into mental health nursing care. Emphases on the examination of mental health alterations and the various roles and functions of the professional mental health nurse. Prerequisites: NUR 260, NUR 265. Corequisites: NUR 300, NUR 315.

NUR 315—Therapeutic Nursing Interventions Practicum II

Allows students to synthesize and apply the major mental health concepts in providing nursing care to families, groups, and communities. Utilizing the Health Promotion Framework, students integrate the enabling factors of human caring, communication, ethical principles, critical thinking, empowerment, cultural diversity, research, and healthcare technology in assessing, diagnosing, identifying outcomes, planning, implementing, and evaluating mental health nursing care. Emphases on the application of various treatment modalities on the role and functions of the professional mental health nurse. Prerequisites: NUR 260, NUR 265. Corequisites: NUR 300, NUR 310.

NUR 320—Nursing Care of Adults: Health Promotion III

The major focus is Health Promotion Throughout Life incorporating primary, secondary, and tertiary prevention as they apply to illnesses affecting adults. Application of the nursing process through nurse-person partnerships regarding promotion, maintenance, or

restoration of health is emphasized through case studies. Prerequisites: NUR 300, NUR 310, NUR 315. Corequisite: NUR 325.

NUR 325—Therapeutic nursing interventions practicum III

Provides clinical experiences in rural primary and secondary settings. Students use the nursing process and other analytical tools to provide care to persons experiencing illnesses. Students build on skills previously mastered while acquiring new skills needed to administer safe and effective care. Gives students the opportunity to integrate theory with clinical practice thereby fostering critical thinking to the solutions of problems. Prerequisites: NUR 300, NUR 310, and NUR 315. Corequisite: NUR 320.

NUR 340—Critical Inquiry: Nursing Research

The research process and enhancement of critical thinking skills. Students critique, analyze, and apply research findings to health promotion of persons, families, groups, and communities. The relationship of nursing research to nursing theory and practice. Prerequisites: NUR 320 and 325. Corequisites: NUR 360 and 365.

NUR 350—Introduction to Professional Nursing Concepts

Introduces the Registered Nurse student to the philosophy and conceptual framework of the Department of Nursing. Four major schools of thought which have influenced the development of nursing and examines the nursing process. Three conceptual tools, health and wellness promotion, communication and interpersonal relationships, and caring for self and others, used by professional nurses are examined.

NUR 360—Nursing Care of Developing Families: Health Promotion IV

Health promotion of developing families throughout the perinatal experience. Enabling factors which facilitate the performance of therapeutic nursing interventions are explored. Theories of developing families, the four trimesters of pregnancy, parenting, family developmental tasks, and health education. Prerequisites: NUR 320, NUR 325. Corequisites: NUR 340, NUR 365.

NUR 365—Therapeutic Nursing Interventions: Practicum IV

Health promotion of developing families throughout the perinatal experience. Knowledge acquired in the Nursing Care of Developing Families: Health Promotion IV is utilized in planning and implementing therapeutic nursing interventions which empower persons in promoting, maintaining, and restoring health. Students utilize the nursing process in the provision of nursing care for selected persons and families. The enabling factors of human caring, communication, ethical principles, critical thinking, empowerment, research, cultural sensitivity and healthcare technology are used in the delivery of nursing care. Prerequisites: NUR 320, NUR 325. Corequisites: NUR 340, NUR 360.

NUR 399—Selected Topics in Nursing

Study of selected nursing topics. Course credit varies from 1-5 credit hours.

NUR 410—Nursing Care of Children: Health Promotion V

The role of the nurse in partnership with families for the purpose of promoting health and development of children. Family health is viewed as integral to children's health. Theory and research serve as the basis for the effective utilization of enabling factors in the nursing care of children and their families. The health promotion needs of infants, toddlers, preschoolers, school-agers, and adolescents. Prerequisites: NUR 360, NUR 365. Corequisite: NUR 415.

NUR 415—Therapeutic Nursing Interventions Practicum V

Health promotion of children and their families. Knowledge acquired in Nursing Care of Children: Health Promotion V is utilized in assessing, analyzing, planning, implementing, and evaluating nursing care to promote, maintain, and restore health of children. Clinical experiences are provided in rural hospitals and community settings. Prerequisites: NUR 360, NUR 365. Corequisite: NUR 410.

NUR 420—Complex Health Problems: Health Promotion VI

Health Promotion incorporating primary, secondary, and tertiary prevention as related to illnesses affecting persons with oncological, critical, and/or terminal conditions. Application of the nursing process, emphasizing promotion, maintenance, or restoration of health is emphasized. Current trends in care and the use of healthcare technology to maximize therapeutic care outcomes. Prerequisites: NUR 410, NUR 415. Corequisites: NUR 425, NUR 430, and NUR 435.

NUR 421—Nursing Tools: Teaching/Learning

The concepts and skills of teaching and learning with emphasis on assessing the learning needs of clients using principles of learning according to major learning theorists. Practice in passive and active teaching strategies. Prerequisites: NUR 330, 322 and 323 or permission of the instructor.

NUR 423—Health Care Options

A variety of alternative health care measures utilized by the people of the rural south. Holistic approaches to health care are examined from the perspective of traditional, nonscientific folk practices and practitioners. Prerequisites: Junior standing or permission of instructor.

NUR 425—Therapeutic Nursing Interventions Practicum VI

The provision of care to persons with oncological, critical, and/or terminal conditions. Knowledge acquired in Complex Health Problems: Health Promotion VI is utilized in giving care and support to persons in tertiary settings. Students develop collaborative partnerships with the healthcare team to promote, maintain, and/or restore health of persons. Prerequisites: NUR 410, NUR 415. Corequisites: NUR 420, NUR 430, and NUR 435.

NUR 430—Community Health Nursing: Health Promotion VII

Health promotion of diverse cultures in the rural community. Students synthesize and apply previously introduced health promotion concepts. Concepts of community health nursing including principles and application of epidemiology and community assessment are introduced. Students analyze variables that place populations at risk and design appropriate interventions. The importance of critical thinking and caring are stressed in the provision of therapeutic nursing interventions to persons, families, groups, and communities. Prerequisites: NUR410, NUR415. Corequisites: NUR420, NUR425, and NUR 435.

NUR 435—Therapeutic Nursing Interventions Practicum VII

Focuses on the provision of nursing within community settings. Students assess and identify health problems of persons, families, groups, and communities. Focus of activities is on health promotion in partnership with selected persons and groups. Prerequisites: NUR 410, NUR 415. Corequisites: NUR 420, NUR 425, and NUR 430.

NUR 445—Transcultural Health Care

The cultural components of health care. The impact of culture on the acceptability of care, rural politics and health care policy and programs, the impact of poverty on health care, and sexism and racism in health care. Prerequisite: SOC 150.

NUR 447—Nursing Issues

Legal, economic, control and scope of practice, educational, social, ethical, philosophical and professional issues that have confronted nursing since Nightingale's time. The issues' historical roots, investigating nursing's various selections through the time and constructing possible future personal and professional responses. Prerequisite: Permission of the instructor or senior standing.

NUR 448—Nursing Research

The analytical tools of research. The student will develop a knowledge of the research process and will be able to critique and evaluate nursing research articles and use research findings in clinical practice. The relationships of nursing research to nursing theory and nursing practice will be explored. Prerequisites: NUR 330, 322, 323 and 421 or permission of the instructor.

NUR 480—Nursing Management and Multidisciplinary Collaboration: Health Promotion VIII

Health promotion in nursing through leadership and management in multidisciplinary environments. The importance of critical thinking to effective nursing leadership within a culturally diverse changing health care system. Management and leadership theories and skills, management techniques, change strategies, healthcare technology, and role transition strategies to assist the new professional nurse. Prerequisites: NUR 420, NUR 425, NUR 430, and NUR 435. Corequisites: NUR 485, NUR 490.

NUR 485—Therapeutic Nursing Interventions VIII: Role Practicum

Provides opportunities for the student to function as a manager in a collaborative role within a multidisciplinary healthcare team. Varied leadership roles, including the management of groups and the art of delegation are practiced. Prerequisites: NUR 420, NUR 425, NUR 430, AND 435. Corequisites: NUR 480, NUR 490.

NUR 490—Professional Nursing: Integration of Professional Nursing Concepts

Facilitates the synthesis and application of major concepts of the Health Promotion Framework in the nursing care of persons, families, groups, and communities. Students utilize the enabling factors in leading seminar discussions and engaging in critical discourse and case analysis. Successful completion of a comprehensive summative examination is required to pass the course. Prerequisites: NUR 420, NUR 425, NUR 430, AND NUR 435. Corequisites: NUR 480, NUR 485.

NUR 492—Rural Community Nursing I

Introduces the RN student to rural community health nursing. Examines the settings where community health nursing is delivered. Students provide care to individuals and their families using the case management delivery system. Clinical experiences focus on clients in the rural community. Prerequisite: Admission to RN-BSN Completion Program.

NUR 493—Rural Community Nursing II

Focuses the attention of the RN student on the complex problems of the community health client individuals, families, groups, and communities. Nurses are providing complex care to clients in the community setting and nurses must be prepared to meet the nursing needs of these clients. Examines high risk aggregate groups and explores factors which place them at risk for illness. Prerequisites: Admission to RN-BSN Program and completion of NUR 492.

NUR 494—Principles of Nursing Management

Explores with the RN student the principles of leadership and management. The role of a manager, management theories and leadership styles, and change theory and process. Clinical experiences

enhance the leadership/management role of the nurse. Prerequisite: Admission to RN-BSN Completion Program.

NUR 495—Independent Study

Allows the individual student to study or investigate an area of interest under the direction of a faculty member. Prerequisite: Permission of instructor. Credit hours vary from 1-5 credits.

NUR 499—Selected Topics in Nursing

Independent field and laboratory investigation under faculty supervision. Faculty and students collaborate to formulate the objectives and requirements (1-5 quarter hours).

NUR 550—Physical Assessment Across the Lifespan

A foundation for assessing physical wellness. Students explore methods of data collection, assessment procedures and analyze findings relating to health histories and physical examinations across the lifespan.

NUR 556/756—Health Policy Concerns in Delivery Systems.

The characteristics of health care delivery systems from rural and urban perspectives. The background of the American health care system, health care economics, public policy, national, state, and local health care legislative issues. The student examines the effectiveness of current rural and urban health care delivery and has an opportunity to consider alternative models and strategies to assist in resolving health care delivery problems. Helps students to explore current health care and nursing issues which impact the practice of nursing.

NUR 750—Theory Development in Nursing

Definitions, purposes, and elements of theory as they relate to theory development. An analysis and critique of common nursing theories. Selected theories and conceptual frameworks are studied for their utilization in nursing practice.

NUR 751—Health Care of Rural and Urban Families

Enables students to synthesize knowledge from family theoretical frameworks, nursing models, and related sciences to nursing practice with individuals, families, groups, and communities. The health impact of social policies and the cultural and ethnic aspects of rural/urban life are explored. Areas of focus for family health nursing research are developed. Community interventions for selected family health problems in urban and rural settings are evaluated. Requires 30 clinical hours.

NUR 752—Research Design in Nursing

An exploration of research designs, methodology, and data analysis in the context of nursing theory and nursing practice. Both quantitative and qualitative methods. Students will review and critique nursing studies and develop a data analysis project. Proposal development is emphasized. Prerequisite: A foundation course in statistics.

NUR 753—Health Promotion in Rural Communities

Assists the student in conceptualizing a wellness, health maintenance, and illness prevention orientation to rural community nursing practice. The community nurse as facilitator of comprehensive health care. A rural community and its constituent parts. Emphasis on increasing the level of well-being for rural families. Requires 30 clinical hours. Prerequisite: NUR 751 or permission of instructor.

NUR 754—Professional Roles and Issues

Roles, role theories, and issues of advanced practice; role implementation; and standards and scope of practice. From this base the graduate nursing student will begin to build and shape strategies for dealing with role change, and nursing and health care issues.

NUR 850—Rural Primary Care: Coping with Lifestyle Problems

Focuses on the manifestations of lifestyle problems and their implications for care by family nurse practitioners. Emphasis on anticipatory guidance, referral, and other nursing strategies related to maturational stresses and intervention in situational crises. Mental health resources within rural communities are evaluated for adequacy. Requires 30 clinical hours.

NUR 855—Rural Nursing I: Health Care Organization Management

Theories of organizations and groups are explored with emphasis on organizational issues applicable to the community health nurse manager. Management theories, styles, and strategies will be examined. Organizational theories, risk management, and marketing as applied to rural health care delivery will be studied. Requires 30 clinical hours.

NUR 856—Rural Nursing II: Nursing Leadership in Human Resource Management

Analysis of nursing personnel issues and formulation of strategies in human resource management to promote organizational productivity and interpersonal harmony. Emphasis on effective leadership; motivation; staffing relationship to recruitment and selection; client care modalities; scheduling; retention; performance evaluation; conflict resolution and staff discipline; and laws relating to health care labor relations in the public and private sector. Special emphasis on how these factors affect nursing management in rural community health agencies. Requires 30 clinical hours.

NUR 857—Health Program Planning and Evaluation

Several approaches are used to teach assessment of health care needs, goal articulation, decision-making, implementation, evaluation, and feedback. Emphasis is placed on the process skills related to developing, maintaining, and strengthening an effective and efficient program which meets community and individual health care needs in a culturally appropriate and caring manner. Requires 30 clinical hours.

NUR 858—Rural Primary Care for the FNP-I

Common episodic health problems that result in mild or minimal lifestyle changes. The family nurse practitioner will evaluate, diagnose, and manage episodic complaints, and provide referrals. Requires 30 clinical hours. Prerequisite: NUR 751 or permission of instructor.

NUR 859—Rural Primary Care for the FNP-II

The assessment and management of health care needs of essentially healthy women through the reproductive years. Emphasis on common health problems and concerns of women, pregnant women, and care of the newborn. Mechanisms for identification, management, referral, and follow-up, of more complex problems of women and of high risk pregnancy. Requires 30 clinical hours. Prerequisite: NUR 751 or permission of instructor.

NUR 860—Rural Primary Care for the FNP-III

The management of health problems associated with moderate lifestyle changes. Nursing's expanded role in the care of these problems will be emphasized including referral patterns, protocol development and utilization of appropriate patient education resources. Requires 30 clinical hours. Prerequisite: NUR 751 or permission of instructor.

NUR 861—Rural Primary Care for the FNP-IV

Chronic illnesses which result in severe lifestyle changes. Emphasis on nursing care which will assist affected persons to make necessary lifestyle changes to enable maximum individual functioning. Mechanisms for identification, management, referral and follow-up of chronic illness problems. Prerequisite: NUR 751 or permission of instructor.

NUR 862—FNP Beginning Preceptorship

The first practicum course for family nurse practitioner students, the vehicle for implementing nurse practitioner competencies learned in the didactic portion of the nurse practitioner program. The controlled clinical experience is carried out within the rural health care setting using clinical preceptors with site visits by faculty. Requires 90 clinical hours. Prerequisites are two of the following: NUR 858, NUR 859, NUR 860, NUR 861, or permission of instructor.

NUR 863—FNP Advanced Preceptorship and Project I

A critical component of the graduate FNP curriculum. Gives the student an opportunity to synthesize and apply the required core professional courses and use knowledge and skills learned in the classroom. Students assume increasing responsibility for health care of clients as competence is validated by appropriate preceptors and faculty. The students will begin the development of a practice-based project that will culminate in NUR 893 FNP Preceptorship and Project II. Requires 90 clinical hours. Prerequisites are NUR 862 and three of the following: NUR 858, NUR 859, NUR 860, NUR 861.

NUR 872—Rural Community Health Nursing Clinical Specialist Practicum

Helps students synthesize knowledge, skills, current research, and experiences from previous courses to implement the community health clinical nurse specialist role in a community setting. Requires 120 clinical hours. Prerequisites: NUR 855 and NUR 856.

NUR 873—Epidemiology of Contemporary Health Problems

The investigation of contemporary health problems for rural and urban populations from an epidemiological, theoretical, and research perspective. Techniques will be developed for the screening of at-risk populations to facilitate early case finding. Strategies for health maintenance and health promotion will be created. Requires 30 clinical hours.

NUR 893—FNP Advanced Preceptorship and Project II

A critical component of the graduate curriculum for rural family nurse practitioner students. Gives the student an opportunity to synthesize and apply the required core professional courses, and use knowledge and skills learned in the classroom. Students assume increasing responsibility for health care of clients as competence is validated by appropriate preceptors and faculty. The preceptorship project may replace the more traditional master's thesis; it is a practice oriented project which can help the FNP student identify practice problems and implement solutions which will improve rural health care. Requires 240 clinical hours. Prerequisites: NUR 862, NUR 863.

NUR 895—Independent Study

Allows the graduate student the opportunity to investigate an area of interest under the direction of a faculty member.

NUR 897—Project

Master of Science in Nursing students may elect a 5 hour project. Designed to provide an opportunity for graduate students in nursing to investigate an area of interest under faculty direction. The results of the project are presented in written form reflecting an analysis and synthesis of library research and applied methodologies within a nursing framework. Prerequisites: Required core courses and permission of instructor.

NUR 999—Thesis

Graduate students in the department of nursing may pursue, under the direction of a thesis committee, a program of independent research in an area of interest within the major. Results of the research will be presented as a thesis in partial fulfillment of the re-

quirement for Master of Science degree. In depth and scope the thesis must demonstrate independent and critical judgment in interpreting materials. The thesis requires defense of design, conduct, analysis, and interpretation of the research project. Prerequisites: Required core courses and at least two of the major courses. Permission of instructor is required.

Public Administration (CLASS)

PA/PSC 851—Administration Under the Constitution

Reading, research, and group discussions on constitutional law, politics, and the judicial function are emphasized. Significant legal cases are reviewed.

PA/PSC 852—Seminar in American Government

Selected problems in American Government arising out of the processes of conflict resolution between the President, Congress, political parties, and interest groups.

PA/PSC 855—Ethics for the Public Administrator

The ethical standards of the public administrator in an environment demanding problem solving is examined against a background of American political, social, and economic ideas and ideologies.

PA 856—Public Budgeting

How state and local governments raise and spend money is examined from the viewpoint of the administrator in a rapidly changing environment.

PA/PSC 857—State Government Administration

A seminar on selected topics related to state government, politics, administration, policies and change.

PA/PSC 858—Administrative Law

An examination of the legal parameters of administrative action in the United States, relying primarily upon federal court opinions.

PA/PSC 859—Public Policy

A systematic study of how public policy is developed, implemented, and evaluated in the United States. Takes special cognizance of the field of policy analysis as well as substantive developments in American public policy.

PA 860—Comparative Administration

The study and comparative analysis of administrative processes, institutions and systems in lesser and more developed nations.

PA/PSC 861—Local Government Administration

A seminar on selected topics related to local government, politics, administration, policies and change.

PA 862—History, Scope and Practice of Public Administration

A survey of the evolution and current scope of the field of Public Administration in the United States.

PA 863—Contemporary Problems in American Public Administration

Analytic perspectives are offered on major current issues in American Public Administration: Changing normative bases of American Public Administration, bureaucratic representativeness, perspective on authority, the role of unions in the public sector, administrative reorganization; the "New Accountability."

PA 865—Rural Development Administration

An assessment of current concepts and issues of development theory with an examination of major problem areas and important public programs in rural U.S.

PA 866—Rural Development Issues and Problems

Extensive field work to provide familiarity with existing governmental programs and research needs in rural areas.

PA/PSC 868—Intergovernmental Relations

Constitutional, political, economic and institutional relationships among federal, state and local governments in the United States.

PA 869—Public Personnel Management

Public personnel management from a development and normative perspective; an examination of its new role as a force for social and economic equity.

PA/PSC 870—Research Methodology

An introduction to research design, measurement and statistical analysis and the use of computer program packages. Attention is also directed at various methods of data collection with a special emphasis on survey research. Prerequisites: An undergraduate statistics or research methods course.

PA/PSC 871—Public Program Evaluation

The major focus of this course is on the design and implementation of program evaluation research and on performance monitoring systems in the public sector. Prerequisite: PA 870 or permission of instructor.

PA 872—Public Organizations

An examination of the influence of formal and informal organization structure and process on organizational membership and output. Focus may include the application of organizational theory and behavior to agency development.

PA 873—Public Sector Fiscal Administration

An exploration of the management of revenue-raising and expenditure activities. Topics include understanding grants and contracts, recording of outlays, expenditures monitoring, procurement and purchasing, and financial audits of public agencies.

PA 874—Planning Resources

The scope, theories, resources and politics of urban, regional, state and national planning.

PA/PSC 875—Public Administration: Data Analysis

Introduces students of public administration to the basic techniques of data analysis as practiced in the social sciences. Emphasis on the analysis of policy and management data. Effort is made to develop confidence and competence in the use of microcomputers and associated statistical software.

PA 878—Computer Applications for Professionals

Computer fundamentals and applications for persons in various professions. Emphasis on selection of computer hardware and software as well as practical experience with common tools such as spreadsheets, word processors, etc. Prerequisite: MGT 151, CSC 230 or consent of instructor.

PA 880—Urban Administration

An analysis of administrative and organizational activities of metropolitan governments. Special attention is given to alternative forms of metropolitan government, regional councils of governments, and selected problems of metropolitan areas.

PA 881—Urban Development Issues and Problems

Emphasis on the interaction of economic, social, and political factors which shape urban development. Selected geographic areas and cases in planning will be analyzed.

PA 882—Public Safety Administration

Contemporary and innovative practices in the delivery of public safety services with emphasis on administration, organizational, and management principles. Long range planning policy development, implementation, and evaluation of the public safety manager's unique role in the administration of justice.

PA 883—Correctional Administration

The current theoretical, legal, philosophical, and political factors which impact upon the correctional system. The effects of new trends in shaping the formulation and implementation of organizational policy.

PA 884—Juvenile Justice Administration

Assessment of the theories, policies and practices of agencies involved in processing young persons through the juvenile court system. Attention will be paid to the intake procedures of the juvenile court; the adjudication and disposition procedures of the juvenile court.

PA 885—Social Welfare Planning and Administration

Issues of social welfare policy in the U.S. and on the role of federal, state, and local governments in administering social programs. Selected cases will be reviewed.

PA 886—Administration of Justice

The legal structure which supports the criminal justice system. Current and future problems of law enforcement will be discussed including judicial processes, community relations, civil liberties.

PA 890—Internship**PA 891—Directed Reading**

A problematically structured, individualized research focus to be mutually designed by instructor and student.

PA 893—Selected Topics in Public Administration**Philosophy (CLASS)**● **PHI 150—Survey of Philosophy**

An introductory survey of the ideas of some of the great philosophers of the Western world, focusing on issues about religion, ethics, reality, and ways of knowing.

PHI 350—Logic

An introduction to both traditional and modern logic, placing emphasis on developing the capacity to reason and think clearly. Logical validity, formal and informal fallacies in reasoning, the syllogism, and a brief introduction to propositional calculus.

PHI/ECO 351—History of Economic Thought

The development of modern economic analysis as evidenced in the writings of Smith, Ricardo, Malthus, Mill, Marx, Marshall, Keynes, and others with attention to the historic and philosophic context. Prerequisite: ECO 250, 251.

PHI/RS 352—Great Moral Philosophers

An introduction to some of the moral points of view of the main ethical philosophers from antiquity to modern times. Selections from Plato, Aristotle, Hobbes, Hume, Kant, and Mill as well as selections from the most influential contemporary philosophers.

PHI 354—Aesthetics

A survey of two main problem areas: the Philosophy of the Arts and the Philosophy of Taste. Topics include the possibility of knowing what art is, the role of emotion in artistic creation and experience, and the possibility of proving judgments of aesthetic and artistic value.

PHI 355—Deductive Logic

A first course in deductive logic, what Aristotle described as the science (*episteme*) of establishing conclusions (*apodeixis*). Syllogistic logic, propositional logic and predicated logic (including both monadic and multivariable predicates).

PHI 356—Contemporary Moral Problems

Applied ethics which provides a philosophic discussion of the most salient ethical problems of the day. Typically the course will cover such topics as abortion, animal rights, euthanasia, capital punishment, and suicide.

PHI/PSC 365—Ancient and Medieval Political Thought

See PSC 365 for course description.

PHI/PSC 366—Modern Political Thought

See PSC 366 for course description.

PHI/RS 370—World Religions

The teachings concerning people and their relation to God and the world found in the major world religions. Judaism, Christianity, Islam, Hinduism, Confucianism, Jainism, and Buddhism are among the religions studied.

PHI/AS 375—American Philosophy

A survey of the work of the most important American philosophers, including William James, John Dewey, and B. F. Skinner. Five hours academic credit.

PHI 380—Existentialism

The existentialist movement in philosophy from its origins to the present, showing how and why the movement began, what its authors advocate, and how it has been assessed by contemporary critics. Selections from Jaspers, Heidegger, Sartre, Marcel, and others.

PHI 385—Philosophy of Mind

An introduction to the most important questions in the philosophy of mind. Asks what minds are, whether statements about minds can be replaced by or reduced to statements about brains, what consciousness is, and whether there can be artificial intelligence.

PHI/WGS 390—Feminist Philosophy

An introduction to the main topics in Feminist Philosophy to include: the adversary method and the 'maleness' of philosophy; dualities of mind/body, male/female, self/other; women's ways of knowing; caring and maternal thinking; and ecofeminism. Feminist philosophy addresses these ideals and assumptions in the western philosophic tradition that have oppressed women and other subordinate groups.

PHI 399/599/799—Selected Topics in Philosophy**PHI 450—Great Thinkers of the West I: Socrates Through St. Augustine**

The main ideas of Socrates, Plato, Aristotle, the Stoics, the Epicureans, Plotinus, and St. Augustine and a consideration of how those ideas apply to our lives. Prerequisite: ENG 152 or sophomore standing recommended.

PHI 451—Great Thinkers of the West II: Descartes Through Kant

The main ideas held by philosophers in the seventeenth and eighteenth centuries, tracing many of the positions that lead us to think as we do today. Thinkers included are Bacon, Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant, Galileo, Kepler, and Newton. Prerequisite: ENG 152 or sophomore standing recommended.

PHI 452—Twentieth Century Ethical Theory

Main trends in twentieth-century normative ethical theory in the Western world to include Intuitionism, Emotivism, Prescriptivism, Act and Rule Utilitarianism, and contractarianism.

PHI 458—Philosophers of the Nineteenth Century: The Romantic Revolt

A survey of the main philosophers of the nineteenth-century emphasizing their specific contributions to the history of ideas, including Hegel, Marx, Schopenhauer, Kierkegaard, and Nietzsche. Prerequisite: ENG 152 or sophomore standing recommended.

PHI 478—Contemporary Philosophy

A survey of the main philosophical movements of the twentieth century, primarily in the English-speaking world. The course will stress the importance of language in thinking about some of the traditional problems of philosophy, such as what can be known and what exists. Selections from Russell, Wittgenstein, Moore, and others. Prerequisite: ENG 152 or sophomore standing recommended.

PHI 480—Metaphysics

The major positions and problems of metaphysics, including space, time, matter, infinity, self, freedom, being, and divinity. Readings from throughout the history of philosophy.

PHI 482—Theory of Knowledge

An introduction to the main topics involved in the theory of knowledge and the justification of belief, the course asks what knowledge is, how it is acquired, and by what ways it can be validated. It addresses the problems of skepticism, and the roles of sensory perception, memory, and belief in knowing.

PHI/RS 553/753—Philosophy of Religion

An in-depth examination of religious teachings and basic philosophical problems associated with them. Topics considered will include creation, salvation, life after death, the origin of evil, religious experience, and God. Five hours academic credit.

PHI/PSY 562—History and Systems of Psychology

See PSY 562 for course description.

Physical Science (COST)

- **PHS 151—Principles of the Physical Universe**

An elementary course dealing with selected topics in physics as an aid to understanding our modern age. Four one-hour lectures and two laboratory hours per week. No credit allowed if taken after any other college physics course. May not be taken by students enrolled in learning support mathematics.

- **PHS 152—General Astronomy**

The motions and constitution of the solar system, stars and other celestial bodies. Theories of evolution of celestial bodies and the universe are considered in addition to the instrumentation used by astronomers.

- **PHS 161—Planetary Astronomy**

The motions and physical properties of the planets, asteroids, and comets. Four lecture hours and two evening laboratory hours per week.

- **PHS 162—Stellar and Galactic Astronomy**

The physical properties of stars and galaxies and of the origins of the universe. Four lecture hours and two evening laboratory hours per week. Prerequisite: PHS 161 or permission of instructor.

PHS 599/799—Selected Topics in Physical Science**PHS 775—History of Physical Science**

The development of man's knowledge of the physical universe, primarily in the fields of chemistry, physics, and astronomy. Emphasis is placed on the development of implications of our knowledge of the universe. Prerequisites: One year of chemistry and one year of physics or consent of the instructor.

PHS 851—Descriptive Astronomy

Designed to acquaint teachers with the universe in which we live. Studies of the motion of planets and stars with emphasis on the coordinate systems. Evolution of the solar system, stars, and galaxies will be treated. A brief introduction to the elements of modern cosmology will also be presented. Four lectures and one two-hour laboratory per week. Some laboratory sessions will be held at night.

Physics (COST)**PHY 211—Mechanics Lab****PHY 212—Heat, Light, Sound Lab****PHY 213—Electricity Lab**

- **PHY 251-252-253—General College Physics**

A three-quarter sequence which provides a working knowledge of the basic principles of physics. Four lectures and two laboratory hours per week. Prerequisite: MAT 152. PHY 251 - Mechanics. PHY 252 - Heat, Sound and Light. PHY 253 - Electricity and Magnetism. PHY 251 is a prerequisite to PHY 252 and/or PHY 253.

PHY 255—A Survey of Acoustics

Physical characteristics of sound, problems of recording, amplifying, transmitting and reproducing sound. Four lectures and one two-hour laboratory per week. Not accepted as a part of the requirements for a major in physics.

- **PHY 261-262-263—General College Physics for Science, Engineering and Mathematics Students**

A three-quarter sequence designed for students of science, engineering and mathematics. Four lectures and two laboratory hours per week. If these courses are taken, credit will not be allowed for Physics 251, 252, 253. Prerequisite for PHY 261: MAT 167 (may be taken concurrently). PHY 261 is a prerequisite for PHY 262 and/or 263. PHY 261-Mechanics, PHY 262-Heat, Sound and Light, PHY 263-Electricity and Magnetism.

PHY 399/599/799—Selected Topics in Physics**PHY 451/651—Intermediate Modern Physics**

A presentation of modern physics at an intermediate level. Complements the instruction in General College Physics where the coverage of modern physics is minimal. It will follow the historical development of modern physics. Early models of the atom, atomic radiations, and interaction of electrons with matter will be followed by a study of the nucleus. Four lectures and two laboratory hours per week. Prerequisite: General College Physics (PHY 251-252-253 or PHY 261-262-263.)

PHY 452, 453/PHY 652, 653—Electronics

A two-quarter course in intermediate electronics with emphasis on circuitry. Power supplies, amplifiers, oscillators, pulse and wave shaping circuits and comparison measurements. Three lectures and six laboratory hours per week. Prerequisites: PHY 253 or PHY 263, and MAT 167.

PHY 456/656—Studies in Physics for Secondary Teachers

Acquaints the student with some of the problems encountered in high school physics presentations. PSSC and Harvard projects are studied. Three lectures and four laboratory hours per week. Prerequisite: PHY 251-252-253 or PHY 261-262-263.

PHY 457/657—Meteorology and Weather Forecasting

Weather observation, applicable thermodynamics relationships, meteorological controls and techniques and problems of weather forecasting. Discussion and application for the latest meteorological concepts resulting from satellite use and International Geophysical Year Investigations. Prerequisite: General College Physics (PHY 251-252-253 or PHY 261-262-263).

PHY 458/658—Physical Astronomy

The physical nature of the solar system, stars, and galaxies. Principles of physics used and illustrated, especially in the areas of mechanics, thermodynamics, physical optics and spectral analysis. Laboratory work will include instrumentation of the astronomer, telescopic observations (weather permitting) and experience in stellar spectral analysis, interferometry and velocity determination by Doppler shift. Prerequisite: PHY 251-252-253 or 261-262-263.

PHY 459/659—Sound Waves and Acoustics

The production, transformation, reflection, absorption, and general effects of vibration and sound. Four lectures and two laboratory hours per week. Prerequisites: PHY 252 or 262, and MAT 167.

PHY 461/661—Optics

An intermediate course stressing theoretical and experimental work on refraction, reflection, interference, diffraction and polarization of light. Prerequisites: PHY 252 or 262 and MAT 167. Four hours lecture and three hours laboratory.

PHY 464—Lasers and Their Applications

Introduction to the principles of lasers, laser techniques, laser systems and applications of lasers in physics, chemistry, biology, medical science, environmental protection, and other industrial application, such as optical communication. Opportunity to explore state-of-the-art techniques, current research projects in the fields and hands-on experience in lasers.

PHY 553/753—Heat and Thermodynamics

An intermediate course which includes temperature and its measurement, specific heat, thermal expansion, transfer of heat, states of matter and elementary thermodynamics. Four lectures and three laboratory hours per week. Prerequisites: PHY 252 or 262 and MAT 167.

PHY 556/756—Special Theory of Relativity

An introduction to the special theory of relativity with emphasis on relativistic mechanics. The Michelson-Moreley experiment, Lorentz-Einstein transformations, time dilations, Doppler Effect, scattering theory and spaces with four dimensions. Five lectures per week. Prerequisite: MAT 264. PHY 451-651 is desirable.

PHY 557/757—Introduction to Quantum Mechanics

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. Five lectures per week. Prerequisite: MAT 350. PHY 451 and 468 are desirable.

PHY 559/759—Solid State Physics

The elastic, magnetic and thermal properties of solids. Crystal structure, X-ray diffraction, color centers, thermal and electrical con-

duction, spin resonance, photoelectric effect, super-conductivity and general theory of solid state electronic devices. Five lecture/demonstrations per week. Prerequisites: General College Physics and MAT 166.

PHY 561, 562, 563/PHY 761, 762, 763—Fundamentals of Classical Physics

A three-quarter sequence designed to provide physics majors and students of applied mathematics and engineering with the fundamentals of analytical mechanics and electromagnetism. Five lecture periods per week. Prerequisites: sophomore-level physics and MAT 350; PHY 468 is desirable.

PHY 571/771—Introduction to Biophysics

The physics of living organisms. Emphasis on physical support, movement, sensory perception and the physical properties of plant and animal processes at the molecular and organismic levels of organization. Prerequisites: BIO 151-152 and PHY 251-252-253 or consent of instructor. Recommended 10 hours of chemistry.

PHY 590/790—Directed Study in Physics

Independent study and laboratory work under faculty supervision. Topics of special need and interest to physics teachers and physics majors will be covered. Prerequisite: consent of instructor.

PHY 851—Elements of Mechanics

Fundamentals of intermediate classical mechanics will be presented along with a brief introduction to relativistic mechanics. Four lectures and two laboratory hours per week. Open only to students in the Education curriculum. Prerequisite: MAT 152. No credit will be given for this course if student has credit for PHY 251 or 261.

PHY 852—Basic Thermodynamics, Acoustics and Optics

Modern concepts of heat, sound and light will be treated at an intermediate level. Four lectures and two laboratory hours per week. Open only to students in the Education curriculum. Prerequisites: PHY 251, 261 or 851 or permission of the instructor. No credit will be given for this course if the student has credit for PHY 252 or 262.

PHY 853—Concepts of Electromagnetics and Electronics

Basic theory of electricity and magnetism will be treated at an intermediate level along with its applications to various types of practical electric and electronic circuits. Four lecture and two laboratory hours per week. Open only to students in the Education curriculum. Prerequisites: PHY 251, 261, or 851 or permission of instructor. No credit will be given for this course if the student has credit for PHY 256 of 263.

PHY 855—Special Study in Physics

A course in which directed study may be undertaken by well prepared students of physics. Prerequisite: Permission of the instructor under whose direction the student wishes to work.

Printing Management (COST)**PM 250—Graphic Arts I**

An introduction to the printing processes such as flexography, photo-offset, screen process, and gravure. Related areas of graphic design, composition, photography, presswork, paper and ink, binding and finishing operations. Three single and two double periods.

PM 332—Printing Inks and Substrates

An introduction to the dynamic relationship between printing inks and the materials on which they are printed. The manufacturing processes and characteristics of inks and papers, testing procedures and various other substrates. Three single periods. Prerequisite: PM 250.

PM 335—Law and Ethics of Printing Industry

A survey of laws governing the printing industry including discussions of First Amendment issues, libel, copyright, obscenity, business regulation of advertising, the environment and labor and ethical concerns and decision making.

PM 336—Desktop Publishing

Basic desktop publishing procedures for the printing and publishing applications. Word processing, graphics, and page assembly applications in a variety of computer environments. Two hours lecture and two hours lab per week.

PM 350—Image Preparation I

Films, chemistry, equipment and photomechanical methods of the printing industry, including line, halftone and special effects. Three single classes and two double laboratory sessions. Prerequisite: PM 250.

PM 356—Desktop Publishing for Technology Education

Serves the needs of Technology Education Majors. Fundamentals of desktop publishing and technologies that have evolved from desktop publishing. Digital photography, video imaging, and basic related applications. Open to Technology Education Majors only. Prerequisite: Must be enrolled as a Technology Education Major.

PM 365—Image Preparation II

Layout and composition techniques used in the printing industry. Hand and mechanical processes, photomechanical processes, and computer generated composition (electronic publishing). Three single classes and two double laboratory sessions.

PM 399—Selected Topics in Printing

Scheduled on an infrequent basis to explore special areas in printing and will carry a subtitle.

PM 432—Printing Production Systems

A systematic and analytical approach to achieving an efficient production system in all areas of printing. Elements of plant layout, work simplification, work measurement, and related areas. Three single periods.

PM 434—Quality Control in the Printing Industry

An introduction to the technical quality control methods and systems used in the printing industry. Quality control production standards, targets, procedures and theories are included along with statistical process control methods specific to the printing industry. Three single periods. Prerequisite: PM 432.

PM 439—Bindery, Finishing and Distribution Practices

Orients the student of the various bindery, finishing and distribution practices common to the commercial printing industry. Plant visits to bindery, finishing, and distribution firms. Two lecture hours, two laboratory hours.

PM 451/651—Industrial Practicum

Direct observation and work experience with the local printing industry. The student is exposed to problems, practices, management structures and work ethics. Eight contact hours/work. Prerequisites: PM 350 Majors ONLY.

PM 452/652—Graphic Arts Technology III

Introduces the student to film assembly and presswork. Imposition layouts, film assembly, platemaking, proofing systems, and press operation. Three single classes and two double laboratory sessions. Prerequisites: PM 332, PM 365, and PM 350.

PM 453/653—Color Reproduction

Professional color reproduction concepts and procedures including color theory and copy evaluation, special techniques, production variables, photographic and electronic separation methods and an introduction to digital scanning. Three single classes and two double laboratory sessions. Prerequisites: PM 452 and PM 365.

PM 455/655—Estimating

Acquaints the student with various types of estimating practices found in the printing industry. Prerequisite: PM 453.

PM 456/656—Imaging Science I

Digital imaging as it relates to the printing and publishing industry. A variety of computer environments including the Macintosh and MS-DOS, various DOS systems, file transfers between systems, related hardware, software, input and output devices, and advanced computer aided publishing procedures. Three single classes and two double lab sessions. Prerequisites: PM 336, Desktop Publishing; PM 365, Image Preparation.

PM 457/657—Imaging Science II

Imaging Science II is a course on color imaging using the computer. The course focuses on digital imagery related to the creation, editing and proofing of commercial quality color for the printing and publishing industry. Various kinds and qualities of compute input including scanning, still and motion imagery will be covered. Electronic and digital output devices for proofing, film and plate generation will be studied. Three single classes and two double lab sessions. Prerequisites: PM 456 and PM 453.

PM 460/660—Presentation Graphics

Digital (computer related) imaging for presentations. The creation of digital visual images such as slides, overheads, transparencies, video import, animation, and simulation used in industrial applications related to printing technology. Three single classes and two double laboratory sessions. Prerequisites: PM 365 or PM 336 or permission of instructor.

PM 495/695—Special Problems

For individual research in printing management. Variable credit. Prerequisites: PM 452 & PM 365; definition of the problem prior to the beginning of the quarter. Permission of instructor.

PM 499—Internship

For students to receive practical work experience with an approved printing firm. A total of 400 contact hours with the printer is required. Approval of internship coordinator required. Prerequisites: PM 451. PM Majors ONLY.

PM 634—Quality Control in the Printing Industries

A continuation of GAT/PM 432 with a concentration on the utilization of human resources in printing production systems. 3 credit hours. Prerequisites: PM 350, 432, or permission of instructor.

Political Science (CLASS)● **PSC 250—American Government**

A study of the American government process with emphasis upon current problems and their roots in the past.

PSC 260—Introduction to Political Science

The history, scope and methods of the discipline of political science. Required of all majors and minors in political science. NOTE: Prerequisite to all Political Science courses numbered 300 and above, unless otherwise noted, is PSC 250. All majors and minors must also complete PSC 260.

PSC 350—State and Local Government

The forms of organization, the functions and the operations of the 50 state governments. Special attention will be given to the growing problems in the urban areas such as the interplay of politics, pressure groups and community power structures.

PSC 351—Public Opinion and Political Behavior

A review of the role of political parties, interest groups, political socialization, public opinion and election in the American system.

PSC 352—Political Parties and Elections

The institutions that connect individual voters to governmental structures. Specific attention is given to the evolution and function of the political party system and to the structure of the electoral process (at and below the presidential level).

PSC 353—Presidency

The political, constitutional, behavioral, administrative, symbolic and policy roles of the President. Attention is also paid to the linkages between the Presidency and the other major branches of government.

PSC 354—Congress and Public Policy

The structures and processes at work in Congress and their influence on the content of national policy. The connection between Congress and the other major branches of government.

PSC 355—The Judicial Process

An introduction to the judicial process which analyzes and evaluates the main institutions and considerations affecting the administration of justice under law. Cannot be taken for credit if student has already taken PSC 251.

PSC/AS/AAS 356—African American Politics

Develops a basic appreciation of the nature, processes, structures, and functions of African American politics in the domestic and international arena and how they differ from dominant assumptions, theories, approaches, and models in American politics. Focus on how to seek and maintain empowerment.

PSC 357—Public Administration

An introduction to the study of the administrative process in American government with attention to the points between political branches and administrative agencies.

PSC 358—Constitutional Law I (Governmental Powers)

The constitutional development of the national government through landmark Supreme Court decisions. Judicial power, federalism, interstate commerce and equal protection.

PSC 359—Constitutional Law II (Civil Liberties)

The Bill of Rights through landmark Supreme Court decisions. Freedom of speech, press and religion; search and seizure; and right to counsel.

PSC/CAF 360—Film and Politics

Consideration of how the art of film has contributed to an understanding of major twentieth-century political events, processes, and thoughts. War, revolution, racism, nationalistic militarism, presidential politics and campaigning, propaganda, mass media and politics, populism, and the ethos of democracy. Prerequisite: PSC 250 or consent of instructor.

PSC 363—Scope and Methods in Political Science

An introduction to the major theoretical models currently used in political science and to the major research techniques and methodologies. Students will have direct experience in data gathering, statistical analysis, data processing and research reporting. Prerequisites: STA 255 and STA 256 or consent of instructor.

PSC 364—Public Policy

The significance and process of public policy within the field of political science; special emphasis on how public policies are formulated, implemented and evaluated.

PSC/PHI 365—Ancient and Medieval Political Thought

An introduction to political theory using original texts drawn from the ancient and medieval period of Western and Non-Western Traditions. Explores important political concepts (e.g., citizenship, obligation, authority).

PSC/PHI 366—Modern Political Thought

An introduction to political theory using original texts drawn from the modern period. Explores the founding of modern ideological traditions (e.g. conservatism, liberalism, Marxism).

PSC 367—Recent and Contemporary Political Thought

An introduction to political theory using original twentieth century texts. Explores important political concepts (e.g. class, democracy, authority).

PSC/AS 368—American Political Thought

Major contributions of American political thinkers and the relationship of these ideas to the institutional framework and socio-political forces in the United States. Explores the nature of some enduring questions and concepts which have influenced the origin and development of competing American ideologies or philosophies.

PSC/CAB 369—Politics And The Media

The role of mass media in the political process and the effects of the media on political attitudes and behavior. Prerequisite: PSC 250.

PSC/AS 371—Native American Law and Public Policy

The legal and political status of native American peoples and tribal governments. Political and legal jurisdictional relationships among federal, tribal and state governments; the Indian Civil Rights Act; tribal hunting, fishing and water rights; and tribal economic development.

PSC/WGS 372—Women and Politics

The relationship of women to the practice of politics and to political theory-building. Introduces to political behavior, political socialization and selected public policy issues by using a comparative cross-national approach as they pertain to women as a political group.

PSC 373—Comparative Politics: Theory and Application

Acquaints students with certain key concepts and methods of the comparative perspective. A comparative framework is applied cross-nationally through the study of political institutions and of political behavior in Great Britain, France, Germany, Russia, China, and Japan.

PSC 374—Comparative Politics: Modernization and Development of New Nations

Various analytical and comparative approaches to the nature of political change and stability in the Third World. The political, economic and social factors conditioning the organization, administration and development of emergent nations.

PSC/LAS 378—Latin American Politics

The major domestic and international actors in comparative Latin American political systems. Special attention is given to the political systems of Chile, Brazil, Colombia, Mexico and Cuba.

PSC/AAS 379—African Politics

Salient themes and background information on contemporary African political systems. Emphasis on government and politics of modern Africa bearing on the emergence of post-colonial states and their regional and global ramifications.

PSC 380—Introduction to International Politics

Provides basic information and the necessary conceptual tools to allow an understanding of the nature of international politics, the instruments of foreign policy, and the interaction of “great powers” in the modern nation-state system.

PSC/AS 381—The United States and Major Problem Areas: Geographical and Functional

Specific problems of major concern for United States foreign policy in the late and mid-twentieth century. This problem approach permits an intensive study of the world’s chief centers of power and civilization such as Western Europe, Russia, China, Southeast Asia, the Middle East and Latin America.

PSC 382—Human Rights in International Politics

An examination of the vulnerability of various political minorities to human rights abuses at the global level and an assessment of the roles of states, international organizations, and non-governmental organizations in these issues.

PSC 384—Politics of the Middle East

Comparative foreign policy of the states in the Middle East and the political and economic forces that shape the United States, Soviet and Chinese policies in this region.

PSC 390—Reading for Honors in Political Science**PSC 399/599—Selected Topics in Political Science****PSC 450—Seminar in American Politics and Policy**

For students with several 300-level courses in American politics. Focuses on major themes and issues in American policy.

PSC 460/670—Seminar in Political Theory

An advanced course for majors focusing on selected theoretical topics.

PSC 470—Seminar in Comparative Politics

A systematic review of the empirical and theoretical literature concerning the structure, functions, and problems of contemporary government. Prior course in American Government or Comparative Politics is recommended.

PSC 480/680—Seminar in International Relations

Designed to familiarize students with the works of leading theorists of international relations.

PSC 481/681—International Organizations

An analytical study of the organization, powers, and problems of global and regional international agencies with particular emphasis upon the European Economic Community.

PSC 482/682—International Law and Diplomacy

Exposes the advanced student to three important and interrelated areas of international relations: 1. the basic theories of international law; 2. a survey of the history and basic techniques of diplomacy; 3. the application of law and diplomacy as evidenced by current practices in the United Nations.

PSC 490—Problems in Political Science

A service offered to senior majors. One to five hours.

PSC 491, 492, 493—Internship I, II, III

Designed to give practical experience in a governmental agency to qualified students. Internship credit must be earned in addition to the 40 hours of senior offerings required for the major in political science. No more than 5 quarter hours can be applied towards a minor in political science. Each internship course will afford 5 quarter hours credit with a maximum of 15 hours credit possible. Prerequisite: permission of the department chair.

PSC 650—Seminar in American Politics and Policy

A systematic focus on major themes and issues in American public policy and their roots in American politics. Prerequisite: Undergraduate course work in American politics or permission of instructor.

PSC 660—Seminar in Political Theory

An advanced examination of major topics and issues central to contemporary political theory. Justice, equality, democracy, liberty, and political obligation. Prerequisite: Undergraduate course work in political theory or permission of instructor.

PSC 799—Selected Topics in Political Science**PSC/PA 851—Administration under the Constitution**

Reading, research, and group discussions on constitutional law, politics, and the judicial function. Significant legal cases are reviewed.

PSC/PA 852—Seminar in American Government

Selected problems in American Government arising out of the processes of conflict and conflict resolution between the President, Congress, political parties, and interest groups.

PSC 853—Formulation and Execution of American Foreign Policy

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 world arena since World War II.

PSC 854—Seminar in Comparative Foreign Policy

An in-depth comparative study of the foreign policy of Russia, The People’s Republic of China, Japan, members of the European Common Market and the U.S., and other selected actions.

PSC/PA 855—Ethics for the Public Administrator

The ethical standards of the public administrator in an environment demanding problem solving, examined against a background of American political, social, and economic ideas and ideologies.

PSC/PA 857—State Government Administration

A seminar on selected topics related to state government, politics, administration, policies and change.

PSC/PA 858—Administrative Law

An examination of the legal parameters of administrative action in the United States, relying primarily upon federal court opinions.

PSC/PA 859—Public Policy

A systematic study of how public policy is developed, implemented, and evaluated in the United States. The course takes special cognizance of the field of policy analysis as well as substantive developments in American public policy.

PSC/PA 861—Local Government Administration

A seminar on selected topics related to local government, politics, administration, policies and change.

PSC/PA 868—Intergovernmental Relations

Constitutional, political, economic and institutional relationships among federal, state and local governments in the United States.

PSC/PA 870—Research Methodology

An introduction to research design, measurement, statistical analysis and the use of computer program packages. Attention is also directed at various methods of data collection with a special emphasis on survey research. Prerequisite: Any undergraduate statistics or research methods course.

PSC/PA 871—Public Program Evaluation

The design and implementation of program evaluation research and performance monitoring systems in the public sector. Prerequisite: PA 870 or permission of instructor.

PSC/PA 875—Public Administration: Data Analysis

Introduces students of public administration to the basic techniques of data analysis as practiced in the social sciences. Emphasis on the analysis of policy and management data. Effort is made to develop confidence and competence in the use of microcomputers and associated statistical software.

PSC 891—Directed Reading

A problematically structured, individualized research focus to be mutually designed by instructor and student.

PSC 893—Selected Topics in Political Science**PSC 999—Thesis****Psychology (CLASS)****PSY 150—Introduction to Psychology**

A survey of the basic subfields in psychology, emphasizing major principles and vocabulary in order to prepare the student for advanced courses. The student is encouraged to apply the principles to the understanding of human behavior in everyday life. Prerequisite for all upper-division psychology courses.

PSY 210—Careers in Psychology

Reviews relevant research and theories of college student development; familiarizes students with career options in psychology at bachelor's, master's, and doctoral level; helps students clarify personal interests and career goals; and prepares them for job searching or admission to graduate school. Required of all psychology majors; course should be taken in sophomore year. Prerequisite: PSY 150.

PSY 280—Psychological Statistics I

An introduction to descriptive statistics for applications in psychology. Frequency distributions, graphical presentations of data, measures of central tendency and dispersion, bivariate correlation and regression. Microcomputers are used for computational exercises. Required of all majors beginning fall, 1992. Prerequisite: PSY 150.

PSY 284—Microcomputer Applications in Psychology

Acquaints the students with the ways microcomputers are used in the study and practice of psychology. Basic information necessary to the effective use of microcomputers. Applications of word processing, spreadsheets, graphics and data base management are presented through laboratory and out-of-class assignments. The uses of microcomputers for simulation of psychological processes, conducting laboratory research and testing. Laboratory. Psychology majors only. Prerequisite: PSY 150.

PSY 350—Psychology of Adjustment

Factors that promote psychological adjustment, with emphasis on self-help techniques. Topics include stress, self-concept, interpersonal relationships, love, sexuality, psychopathology and psychotherapy. Prerequisite: PSY 150.

PSY/RS 357—Psychology of Religion

An introduction to the literature of the psychology of religion. Topics include the origins and functions of religiousness, types of religious experiences, religious motivations, altruism and the relationship between religion and mental health. Emphasis will be placed on empirical studies. Prerequisite: PSY 150.

PSY/WGS 358—Psychology of Women

Female psychological development throughout the life-span, relevant theory and research. Include identity and self-concept, relationships and power, sexuality, parenting, work, mental health and women of color. Prerequisite: PSY 150.

PSY 362—Applied Psychology

A broad introductory survey of the many and varied fields in which the principles of psychology have been applied. Acquaints the student with the role and function of psychologists in such applied settings as hospitals, college placement centers, community mental health centers, drug abuse clinics, industry and business and similar employment situations. Prerequisite: PSY 150.

PSY 365—Child Psychology

Psychological theories, research, and application of psychology, as it relates to the social and cognitive development of the child from conception through adolescence. Prerequisite: PSY 150.

PSY 367—Industrial/Organizational Psychology

An introduction to the research and methodology used by psychologists in the study of human behavior in industrial organizations, including the specific application of psychological principles to such areas as personnel testing and selection, human factors, motivation and performance and psychological problems associated with work adjustment. Psychological factors involving interpersonal relations which influence morale, production and job satisfaction. Prerequisite: PSY 150.

PSY 369—Psychology of Adolescence

Relevant theories and research on physical, cognitive, emotional and social development in adolescence. Attention to identity, parent-adolescent relationships, peer interactions, sexuality, psychopathology, drug use and abuse and delinquency. Prerequisite: PSY 150. Will not satisfy the requirements in adolescent psychology or educational psychology for teacher certification.

PSY 371—Abnormal Psychology

An introductory presentation of the concepts of "normal" and "abnormal" behavior, the traditional categories of psychopathology, and the etiology of psychological disorders. Traditional and contemporary approaches to treatment and prevention. Prerequisite: PSY 150.

PSY 372—Behavior Modification

A broad introductory survey of the application of learning principles and procedures used in the establishment, maintenance and modification of complex human behavior in clinical situations as well as the natural environment. Contingency management, token economies, modeling, imitation, desensitization, cognitive behavior therapy and assertiveness training. Particular attention to ethical issues associated with the use of behavior modification techniques. Prerequisite: PSY 150.

PSY 373—Psychology of Substance Abuse

An intensive and critical analysis of the normative and deviant use of various substances. Emphasis on the psychological correlates of substance use and abuse. Physiological addiction and/or psychological dependency on such substances as marijuana, nicotine, alcohol and the so-called “hard drugs.” Prerequisite: PSY 150.

PSY 374—Social Psychology

The social determinants of human behavior and current theories and findings in such major content areas as attitudes, attitude change, prejudice, gender roles, conformity, obedience, interpersonal attraction, pro-social behavior, aggression, social and person perception and group influences on individual behavior. Prerequisite: PSY 150.

PSY 375—Life-span Developmental Psychology

Comprehensive overview of normal human development from conception through old age. The roles that genetics and experience play in social and cognitive development are emphasized. Prerequisite: PSY 150.

PSY 376—Personality Psychology

An introduction to major areas in the field of personality: approaches to personality theory, methods of assessing personality, personality development and research findings on selected aspects of personality. Prerequisite: PSY 150.

PSY 377—Psychology of Human Sexuality

An overview of the psychological and physiological factors in human sexual and reproductive behavior, including the psychology of sexual motivation and functioning, anatomy and physiology of the reproductive systems, prenatal development, contraceptive techniques and psychological aspects of sexual disorders. Prerequisite: PSY 150.

PSY 378—Psychological Tests and Measurements

An introduction to basic measurement concepts used in the constructing and standardizing of psychological tests and an examination of tests of intelligence, personality, attitudes, and special abilities. The development of an understanding of the functional relationship between measurement and evaluation. Standardized psychological instruments are critically analyzed in terms of the Technical Recommendations for Psychological Tests and Techniques of the American Psychological Association. Ethical issues in psychological testing are considered. Prerequisite: PSY 150.

PSY 380—Psychological Statistics II

An introduction to inferential statistics for applications in psychology. Probability, sampling distributions and the logic of statistical inference, t- tests, analysis of variance, correlation, multiple regression, and nonparametric statistics. Microcomputers are used for most computational exercises. Required for all majors. Prerequisites: PSY 150 and a grade of C- or better in PSY 280.

PSY 382—Research Methods in Psychology

A laboratory course that provides the student with an understanding of fundamental principles underlying research methods in psychology. Basic experimental procedures through classroom and laboratory instruction involving both class and individual research projects. Required of all majors. Prerequisites: PSY 150 and a grade of C- or better in PSY 280 and PSY 380 (or PSY 381).

PSY 391—Research Experience

Student works with a faculty member engaged in research in progress. Experience varies depending on nature of project and stage at which student joins project. Variable credit: either 2 or 3 hours per quarter (3 hours experience per 1 hour of credit); maximum of 10 hours may be credited toward major. Prerequisites: PSY 150; permission of instructor.

PSY 399/599/799—Selected Topics in Psychology

Scheduled on an irregular basis to explore special areas in psychology and will carry a subtitle. Check in the Psychology office to learn of topics currently planned. Prerequisite: PSY 150.

PSY 452/652—Cognitive Psychology

Surveys current theories and research concerning human information processing. Perception, language comprehension, motor coordination and problem solving. Prerequisite: PSY 150.

PSY 453/653—Motivation and Emotion

Motivation and emotion, dealing with such topics as methods of measurement, physiological mechanisms, theories of motivation and emotion, arousal and stress and the effects of learning. In-depth analysis of human sexual motivation, competence and aggression. Prerequisite: PSY 150.

PSY 454/654—Sensation and Perception

Presents the fundamental data, basic processes, and research methodologies in the study of the various human senses. Examines perceptual processes of vision such as the perception of color, depth, form and shape, as well as constancies, illusions, and individual differences in perception. Prerequisite: PSY 150.

PSY 455/655—Principles of Animal Learning

An introduction to the basic principles of animal learning and the scientific study of learning in nonhumans. Limited laboratory experience will introduce the student to equipment used in animal learning research as well as provide experience with laboratory animals. Prerequisite: PSY 150.

PSY 456/656—Animal Behavior

A survey of the study of animal behavior, dealing with such topics as the diversity of behavior, the development of behavior and ecology. Attention is given to the adaptiveness of behavior and evolutionary approach to human behavior. Prerequisite: PSY 150.

PSY 457/657—Physiological Psychology

In-depth analysis of the anatomy and physiology of the nervous system; examination of the functional relationship between the nervous system and behavior. Surveys contemporary biological contributions to general psychological theories. Emphasis is placed on studies of the biological basis of memory, learning and emotions. Prerequisite: PSY 150.

PSY 473/673—Health Psychology

A survey of the role and function of the discipline of psychology in the field of behavioral medicine and health psychology. Included will be consideration of the psychological factors associated with such disabilities as paraplegia and epilepsy; the psychological trauma associated with body altering surgeries; and the psychological components of life-style decisions involving smoking, alcoholism, obesity and cardiovascular dysfunctions. Attention to the application of psychological principles in the treatment and prevention of health-related problems. Prerequisite: PSY 150.

PSY 475—Psychology of Aging

Examines developmental psychological processes in later adulthood, including changes with age in perception, intelligence, learning, memory and personality. Attention is given to prevention and treatment of psychological dysfunction in the aged. Prerequisite: PSY 150.

PSY 476/676—Theories of Personality

An in-depth exploration of major theories of personality. Examines representative theories of the psychodynamic, trait, behavioristic and humanistic perspectives. Prerequisite: PSY 150.

PSY 491—Field Experience

Opportunity to gain practical experience through volunteer field work in applied settings in mental health, business, or education with which department has formal agreements. Student supervised on site and by instructor; weekly conferences with instructor. Arrangements with instructor should be completed in quarter prior to registration. Variable credit: minimum 5, maximum 10 credit hours per quarter (15 hours experience per week per 5 hours of credit); maximum of 10 credits counted toward major. Prerequisites: Psychology major with junior or senior standing, at least 15 hours of upper-level psychology courses, minimum 2.5 grade-point average; permission of instructor.

PSY 492—Directed Research

An introduction at the undergraduate level to student-conducted research. Under the sponsorship of his/her advisor, the student participates in all phases of a research project, including planning, execution, data analysis and report writing. Prerequisite: PSY 150; junior or senior standing in psychology; permission of instructor.

PSY 493—Directed Study in Psychology

Substantive reading in area of special interest directed by a faculty member. Review paper required. Maximum of 10 hours may be credited toward major. Prerequisites: junior or senior standing in psychology; permission of instructor.

PSY 552—Experimental Cognitive Psychology

A laboratory course that presents some of the topics of Psychology 452 (Cognitive Psychology) in a more research-oriented approach. Students learn methodological and ethical principles in this area through classroom lecture and discussion, laboratory exercises, and individual research projects on such topics as human learning and memory, attention, language, and problem solving. Prerequisites: PSY 150, either PSY 381 or PSY 280 and PSY 380, PSY 382, and PSY 452.

PSY 553—Experimental Animal Learning and Cognition

The fundamental principles of conditioning and learning including experimental techniques and the analysis and generalizations of scientific findings. Students examine the theoretical basis for behavior change, and the principles of learning that underlie such an approach. A laboratory component provides directed and systematic exposure to an application of conditioning principles. Prerequisites: PSY 150, either PSY 381 or PSY 280 and PSY 380, PSY 382, and PSY 455.

PSY 555/755—Experimental Developmental Psychology

Laboratory course that provides the advanced psychology student with an understanding of methodological and ethical issues underlying research in developmental psychology, provides exposure to important research areas within the field and fosters skills for critically evaluating research. Prerequisites: PSY 150, 280 and 380 (or PSY 381), 382 and either 365, 375 or 475 or consent of instructor.

PSY 556/756—Experimental Social Psychology

A laboratory course that provides an in-depth examination of selected content areas treated in PSY 374. Methodological and ethical issues in research will be emphasized. Prerequisites: PSY 150, 381, 382 and 374 or consent of instructor.

PSY/PHI 562/762—History And Systems of Psychology

The development of experimental and clinical psychology, including major contemporary theories. While part of the course emphasizes the historical roots of psychological concepts, there is also emphasis on understanding contemporary viewpoints in the various areas of psychology. Required of all majors. Prerequisite: PSY 150.

PSY 583—Senior Seminar

A review and integration of major ideas in psychology. Opposing viewpoints on current controversial psychological issues. Psychology majors only. Prerequisites: PSY 150; senior standing.

PSY 585—Honors Seminar

Intensive reading and discussion of primary sources in psychology. Open by invitation to junior and senior majors and minors with high academic standing. Prerequisites: PSY 150 and permission of instructor.

PSY 675—The Psychology of Aging

An analysis of the aging process as physical and biosocial change. Important adaptive aspects from health to economics will be considered with an emphasis on maintaining an optimal quality of life.

PSY 810—Research Seminar

An overview of ongoing research in the Department of Psychology designed to prepare students for meeting the research requirements of the Master's Program.

PSY 815—Special Topics in Clinical Psychology

Current topics of interest in clinical psychology, not covered in other courses, will be addressed in this seminar by invited speakers of recognized expertise. This course may be repeated one time.

PSY 837—Introduction to Human Neuropsychology

Prepares students to recognize possible neural bases for psychological disorders, and enables them to gain sufficient familiarity with neuro-psychological terminology to communicate with other professionals. Emphasis in this course will be on gaining familiarity with organic bases for psychological symptoms, rather than on basic neural processes and neuroanatomy.

PSY 838—Legal and Ethical Issues in Psychology

Examines legal and ethical issues in the delivery of psychological services with special emphasis on the mental health delivery system. Issues such as due process, multiple relationships, confidentiality, competence, involuntary commitment, clients' rights, certification/ licensure, national health insurance, and testing will be emphasized.

PSY 839—Human Diversity

Examines relevant theory and research regarding the effects of gender, race, ethnicity, age, sexual orientation, and disability on psychological development. Also considers social perception factors as these affect clinical practice.

PSY 850—Psychological Statistics

The logic of statistical inference, fundamental principles of analysis of variance, complex analysis of variance design, selected non-parametric procedures, and a brief introduction to multivariate procedures. Emphasizes the application of these methods in psychological research. Prerequisite: PSY 381 or equivalent.

PSY 851—Research for Applied Psychology

Fundamental concepts and procedures of research methodology. Focuses on understanding and applying research results rather than on conducting research.

PSY 852—Advanced General Psychology

Serves as an advanced and comprehensive overview of the field of psychology as it is developing today.

PSY 855—Interviewing Skills

The development and practice of a variety of verbal and nonverbal communication and interviewing skills required in clinical settings.

Observation of behavior, rapport building, attending and reflecting, and assessment of mental status and potential for harm will be included.

PSY 863—Seminar in Current Perspectives in Psychology

Scheduled on an irregular basis to explore special areas of current interest in the field of psychology. Check the Psychology office to learn of topics currently planned.

PSY 865—Intellectual Assessment

Focuses on the administration, scoring, and interpretation of major tests of intellectual functioning such as the Wechsler tests and the Stanford-Binet. Issues of test construction, reliability, validity and report writing will be addressed. Selected tests of academic achievement and adaptive functioning will also be covered.

PSY 868—Advanced Developmental Psychology

The major themes, theories, and research in developmental psychology. The relative roles that biology and environment play in determining cognitive, social, and personality development across the lifespan will be emphasized.

PSY 869—Advanced Personality/Social Psychology

Examines relevant theory and research on selected topics in personality and social psychology. The trait-situation controversy, perceived control, attribution, aggression, ego identity, and sex-role identity.

PSY 870—Psychopathology

Explores the psychological, biological, and ecological factors associated with the major forms of child and adult psychopathology. Emphasizes identification of diagnostic criteria for the major forms of psychopathology, issues concerning differential diagnosis, and treatment strategies.

PSY 872—Cognitive and Behavior Therapies

An advanced survey of the clinical applications of learning principles to the solving of complex human problems. A broad range of behavior therapy techniques, including contingency management, relaxation training, cognitive behavior therapy, imitation, modeling, desensitization, and assertiveness training. Clinical topics include the treatment of anxiety, depression, psychosomatic problems, sexual dysfunctions, addictions, and institutional behaviors. The relationship of clinical behavior therapy to DSM-IV is critically examined.

PSY 873—Advanced Animal Learning and Cognition

The fundamental principles of conditioning and learning including experimental techniques and the analysis and generalizations of scientific findings. Students examine the theoretical basis for behavior change, and the principles of learning that underlie such an approach. A laboratory component provides directed and systematic exposure to an application of conditioning principles.

PSY 875—Personality Assessment

The administration, scoring, and interpretation of major tests of personality functioning such as the MMPI-2 and the MMPI-A. Issues of test construction, reliability, validity, and report writing will be addressed. Selected projective measures will be introduced.

PSY 877—Advanced Cognitive Psychology

A laboratory course that presents some of the topics of Psychology 652 (Cognitive Psychology) in a more research-oriented approach. Students learn methodological and ethical principles in this area through classroom lecture and discussion, laboratory exercises, and individual research projects on such topics as human learning and memory, attention, language, and problem solving.

PSY 881—Research Design

Research techniques for dealing with specific problems in psychology. The complexities of psychological data formation and accumulation techniques are stressed, as well as data interpretation. Primary emphasis is directed toward the study of between-subjects and within-subjects designs and the variables to be considered in selecting the design appropriate to resolving specific research questions in psychology.

PSY 883—Group and Family Therapies

Conceptual, theoretical and practical approaches to group and family systems therapies as models for understanding and treating abnormal behaviors in children, adults, and families. A variety of approaches.

PSY 894—Research Experience

Student works with a faculty member on a research project in progress, obtaining experience and skills to enhance the student's research project.

PSY 992—Development of an Original Research Project

An introduction to graduate level research and advanced study in an area of special interest to the individual student and sponsoring faculty member.

PSY 993—Advanced Directed Study

A directed study at the graduate level providing an examination and analysis of current literature pertaining to selected problem areas in psychology.

PSY 995—Assessment Practicum

A supervised practicum in both laboratory and field settings involving the principles and topics introduced previously in PSY 864 and

PSY 996—Therapy Practicum

Practical, supervised experience in the application of selected therapeutic interventions with a range of client populations. Emphasizes the integration of theoretical and practical skills developed in previous therapy course work as well as the continued development of consultation skills within community agencies. Students are expected to provide proof of professional liability insurance coverage.

PSY 999—Thesis

Reading (Learning Support/COE)

RDG 090—Regents' Test Intensive Reading Survey

Designed to prepare students for the reading section of the Regents' Test, classes are structured so as to offer intensive work in the reading skill areas tested on the Regents' Test, including vocabulary and literal, inferential, and analytical comprehension. Students who have not passed the Regents' Reading test by the time they have earned 75 hours of degree credit shall be required to take this course. Institutional credit only, 3 hours.

RDG 099 A, B, C, D—Reading Development

Designed to prepare students for college-level reading, Reading Development emphasizes expanding vocabulary, improving comprehension and increasing the reading rate. Efforts also will be made to help students cultivate effective study skills. A student may exit at the end of any quarter by passing the course and achieving a satisfactory score on the exit examination. Institutional credit only, 5-20 hours.

RDG 430—Practicum in Teaching Reading

Provides early childhood education majors observation and actual teaching experience in a supervised classroom setting. Prerequisites: EC 460 and admission into Teacher Education; concurrent enrollment in RDG 459.

RDG 459—The Teaching of Reading

An overview of the basic program of reading instruction in the elementary school. Considers the stages of a child's reading development, teaching techniques, and organization for instruction. Prerequisites: EC 460 and admission into Teacher Education.

RDG 560—Middle and Secondary School Reading Strategies

The development of reading skills needed by students in grades 4-12. Instructional strategies are presented designed to help students transfer reading skills into content subject. Prerequisite: FED251, FED260, and Admission into Teacher Education.

RDG 750—The Reading Program in the Schools

The range of reading programs in the schools grades 1-12 encompassing developmental, remedial, corrective and adapted programs as well as programs for the disadvantaged. Methods and materials of instruction are studied including classroom management.

RDG 752—Diagnosis and Correction of Reading Difficulties

A study of the diagnosis and remediation of reading difficulties in the elementary and junior high grades. Provides practical experiences in the use of diagnostic techniques and remedial procedures involving pupils with reading difficulties. Prerequisite: RDG 459.

RDG 759—Issues and Trends in Reading

The current issues and trends in reading instruction. Emphasizes the critical analysis of research literature which is related to the current practices and trends in the teaching of reading. Prerequisite: RDG 459 or equivalent.

RDG 760—Middle and Secondary School Reading Strategies

The development of reading skills needed by students in grades 4-12. Instructional strategies are presented to help students transfer reading skills into content subjects.

RDG 851—Problems in Reading

Problems encountered in the teaching of reading. Research is examined and the developmental approach to teaching of reading is considered. Prerequisite: RDG 459 or RDG 550.

RDG 854—Advanced Practicum

This advanced reading practicum emphasizes diagnostic, remedial and evaluative processes and promotes implementation within a supervised instructional setting. Prerequisite: RDG 752.

RDG 855—The Psychology of Reading

Investigates the underlying psychological processes inherent in the reading process. Prerequisite: RDG 459 or equivalent.

RDG 856—Advanced Diagnosis of Reading Difficulty

A continued in-depth study of administration and interpretation of reading and reading related diagnostic strategies. Prerequisite: RDG 752.

RDG 857—Advanced Correction of Reading Difficulty

A continued in-depth study of corrective and remedial strategies appropriate for reading instruction. Prerequisite: RDG 752.

RDG 858—Field Project in Reading

Enables students to research, design, organize and report an instructional improvement project implemented in reading. Open to Reading Specialist Ed.S. students only. Prerequisites: EDR 761 and EDR 852.

RDG 861—Organization and Supervision of Reading Programs

A balanced reading program and the relationship of the reading program to the total school curriculum. Prerequisite: One graduate level reading course.

RDG 893—Directed Individual Study

Opportunity for the in-depth investigation of independent research or the application of an action research project. The results are usually presented in written form reflecting library research and applied research methodology related to a school setting. Prerequisite: Permission of instructor.

Recreation (CHPS)**REC 150—Recreation and Leisure in Contemporary Society**

Assists non-recreation majors in examining their personal leisure attitudes, values, and behaviors, and those of society in general. Explores leisure resources and alternatives.

REC 151—Introduction to Recreation

For recreation majors. Examines cultural and personal recreation attitudes and behaviors, as well as the rapidly growing field of leisure services in America. Resort and commercial, outdoor, therapeutic, public, volunteer agency, military, church, industrial recreation and travel and tourism management areas.

REC 152—Recreation Leadership

Deals with the philosophical and practical aspects of program construction, leadership skills and methods.

REC 252—Program Planning

Methodology, philosophy, and experiences in program development for recreation agencies.

REC 310-410—Recreation Convocation

Opportunity for the recreation student to interact with practitioners from public, private, commercial and other recreation agencies.

REC 351—Organization and Administration of Public Recreation

Philosophies and foundations for the organization and administration of public recreation agencies.

REC 352—Survey of Travel and Tourism

Introduces the student to Travel and Tourism Services as an area of study and as a professional opportunity.

REC 353—Supervision in Recreation

Provides for understanding, experiences and methodology for roles as supervisors in the recreation field.

REC 354—Camping and Outdoor Recreation

Trains students for positions as camp leaders and counselors; includes camping skills; nature and outdoor activities and camp counselor techniques.

REC 356—Recreation and Persons with Disabilities

An introduction to the provision of recreation services to persons with disabling conditions in clinical, community and transition settings.

REC 358 A, B, C—Practicum

Places the student in a leadership position with a leisure service industry or agency. Prerequisite: REC 151, 152, 252. (Student must have at least a 2.0 GPA to enroll in this course.)

REC 362—Commercial Recreation

The commercial recreation setting. A comparison of profit and nonprofit recreation settings and interrelationships between recreation, foodservices, sales, accommodations and facilities maintenance.

REC 365—Outdoor Recreation

Helps the student gain an understanding of various alternatives in management of human behavior in the recreation setting and an understanding and appreciation for how and why people perceive and respond to physical, social, and managerial aspects of the environment. Value and future demands for outdoor recreation, conflicts between user groups and social carrying capacity.

REC 366—Interpretive Methods

Helps the student answer three main questions: What is environmental and historical interpretation? How does one become an effective interpreter? How can the effectiveness of interpretation be measured?

REC 367—Natural Resource Recreation Management

Familiarizes the student with the development of recreation resource policy; furthers an understanding of the biological and physical sciences that underlie sound land use planning and management; furthers acquisition of knowledge and understanding of ecology, preservation and uses of natural resources. Includes evaluating the multiple uses and impact, including the trade-offs, in balancing recreation use with natural resource uses.

REC 372—Hospitality Management

Introduces the student to hotel management, guest services and support functions, special events operations and career opportunities.

REC 376—Museum Collections

Focuses on artifact handling, basic conservation needs assessment, accessioning, and artifact identification. Professionally accepted standardized computer cataloging systems will be studied to familiarize students with computer based cataloging methods. History, art, and anthropological collections will be studied. Prerequisite: REC 376.

REC 398—Problems in Recreation

Selected topics related to leisure and recreation services.

REC 451—Recreation Research

Covers locating and understanding recreation research. Additionally, the student is introduced to hypothesis generation, research methodology and statistical analysis as applied to recreation and leisure services.

REC 452—Recreation Planning

Introduces the student to methods currently used to predict recreation demand, utilization of demand projections in long-range master planning and the relationship between master plans and specific site development projects.

REC 453—Public Relations

Provides an understanding of the concepts and techniques of effective public relations for the promotion of public recreation services.

REC 454—Introduction to Therapeutic Recreation

Provides an introduction to the field of therapeutic recreation services, with emphasis on the delivery of appropriate leisure services to individuals with special needs in clinical, transitional and community settings.

REC 455—Therapeutic Recreation Programming

Clinical Setting. Provides an in-depth study of the principles and procedures of therapeutic recreation program development, design, implementation and evaluation.

REC 456—Special Problems in Therapeutic Recreation Services

An in-depth examination of special problems in the field of therapeutic recreation services. Establishing professional service relationships with clients, conducting individualized diagnostic assessments and evaluations of client ability and disability levels, and designing and implementing individual and/or group leisure education strategies and methodologies.

REC 457—Therapeutic Recreation and Older Adults

Explores the role of therapeutic recreation services with the older adult as both client and potential service provider. Aging stereotypes and age-related activity myths are examined as well as strategies and techniques for the therapeutic use of recreation in helping older adults to achieve and maintain quality living experiences in community, transitional, and institutional settings.

REC 458—Marketing Tourism Services

Introduction to basic principles and concepts of marketing the travel and tourism product and service. Applications of tourism services utilizing case-specific travel industry and tourism examples and exercises.

REC 459—Recreation Management

Techniques and procedures in a recreation program as applied to finances, budgets, records, reports, office equipment, clerical details, personnel policies and public relations.

REC 475—Museum Resources Interpretation

An applied course which explores the use of museum resources as multigenerational educational tools. Visitor behavior, program planning, exhibit text writing, exhibit design and production, and National Park Service modeled interpretive techniques.

REC 476—Museum Resources Administration

A capstone course designed to provide students with knowledge of the managerial and administrative tasks unique to public and private nonprofit museums and historic sites. Structure and organization, governing bodies and authority, financial support and fundraising, membership and volunteer organizations, maintenance and security, staff requirements, and professionalism.

REC 491 A, B—Recreation Internship

For recreation majors. Students work in a professional recreation program under a qualified recreation director for three months as a full-time worker in the program. (Student must have at least a 2.0 GPA to enroll in this course.) This program, designed to meet the need for educated, applied personnel in the field of leisure services, is offered in the Department of Recreation and Leisure Services. A student may choose as an area of specialization one of five emphases: recreation administration, therapeutic recreation, resort and commercial recreation, natural and cultural resource management, or travel and tourism management. Students are encouraged to pursue a minor in business, health, humanities, physical or social sciences that will complement their chosen academic emphasis.

REC 850—Philosophy of Recreation

A critical inquiry into the philosophies of recreation focusing on a review of these philosophies as they relate to leisure in modern society.

REC 851—Administration of Recreation

Recreation administration and public relations, business practices, public finance, politics and power structures.

REC 853—Issues and Trends in Recreation

The current and anticipated problems and trends in the field of recreation. The established and possible new solutions of these problems and trends are also included.

REC 854—Recreation Seminar

A graduate seminar focusing on contemporary literature, topics and issues relevant to: the administration of leisure services, travel and tourism, outdoor recreation and environmental issues, commercial recreation or therapeutic recreation.

REC 855—Research in Recreation

Quantitative analysis, research methods, applied statistical analysis, and computers and computer software utilized in research.

REC 891—Internship

Students work a minimum of 400 hours in an approved professional recreation agency. Gives the student a broad perspective of organizational roles and culture, while gaining specific job experience.

REC 893—Directed Individual Study

An applied research course enabling students to pursue an independent recreation research project, or to work with a professor as part of a research team. Carries variable credit from 1-5 hours.

REC 999—Thesis

An independent research project in the preferred field of recreation, requiring the defense of design, conduct, analysis, and interpretation of that project.

Restaurant, Hotel and Institutional Administration (CHPS)

RHI 153—Introduction to Restaurant, Hotel and Institutional Administration

Introduces the student to the history and operation of restaurants, hotels and institutions. Examines the various types of characteristics of hospitality establishments. Required for Restaurant, Hotel, and Institutional Administration majors. Elective for the non-major interested in developing a perspective and appreciation of the hospitality industry.

RHI 336—Dining Room Management in Restaurants, Hotels and Institutions

Dining room service from a managerial perspective. Establishes quality standards of food and beverage service. Explores dynamics of front of the house operations; effective employee training; motivation; and job performance. Studies styles of service. Investigates unions, labor costs, cashiering, and revenue controls. Prerequisites: MAT 151; NFS 151; NFS 253; NFS 326; RHI 153 or permission of instructor.

RHI 355—Restaurants, Hotels, and Institutions Facilities Design and Maintenance

All the phases involved in the planning, execution, and maintenance of a Hotel or Restaurant. Emphasizes the preplanning stage of design development, blueprint information, installation factors, fire/safety code regulations, environmental controls, and facility maintenance. Prerequisite: For RHI majors only.

RHI 357—Institutional Housekeeping

Considers the relationship of management science to professional housekeeping. Develops conceptual planning skills for house breakout, staffing considerations, scheduling and material use. Explores techniques of hiring and training housekeeping employees. Investigates need for documentation, planning computers,

communication, security, safety and human resource management skills in executive housekeeping. Prerequisites: RHI 153 and RHI 456.

RHI 451—Marketing and Sales in Restaurants, Hotels and Institutions

The marketing perspective in the hospitality industry. Segmentation, consumer preference, distribution and marketing methods. Identifies the marketing plan and the role of marketing and sales and determines marketing operations and research.

RHI 456/656—Purchasing for Restaurants, Hotels and Institutions

Needs, procurement, storage, cost control, inventory management and computer use in relation to control of quality and financial management for restaurants, hotels and institutions. Establishment and implementation of the subsystems found within the purchasing function. Quality standards used in purchasing. Laws and regulations affecting purchasing. Prerequisites: CIS 251, NFS 151 or permission of instructor. Four hours lecture and two hours lab per week.

RHI 462—Hotel Operations

Organization, planning, leadership, decision making and administration of hotels with emphasis on front desk operations. The interdependence of the housekeeping, engineering, security, guest services, food and beverage, marketing, personnel, purchasing, accounting and front desk departments in successful hotel operations. Computer information systems in hotel operations are utilized. Prerequisites: MGT 351, 371, 475; NFS 326, RHI 336, 357, 451, 456; NFS 457; ACC 260 or permission of instructor.

RHI 491—Internship in Restaurant, Hotel and Institutional Administration

Supervised work-study program in a restaurant, hotel or other institution. Students are expected to interview for positions in facilities which are approved by internship director. 10-15 hours credit. Prerequisites: Consent of Department Chair and instructor.

RHI 556—Cost Control in Restaurants, Hotels and Institutions

Fundamentals and techniques of cost control in foodservice, hotel and resort management. Management procedures to control costs from purchase through service. Strategic planning, budgeting, efficiency, labor management and productivity, energy management, production, service and computers as they relate to controlling costs. Prerequisite: RHI 558 or permission of instructor.

RHI 558/758—Organization and Administration in Restaurants, Hotels and Institutions

Organization, management and administration of restaurants, hotels and institutional programs with emphasis on planning, leadership and decision making. Investigation of effective communication; laws, regulations and standards as they relate to management. Considers merchandising and promotion in restaurants, hotels and institutions. Principles of education and effective teaching methods as they relate to employee training and inservice education are studied. Study of human relations and group dynamics. Use of computers and their applications in organization and management are emphasized. Prerequisites: NFS 151, NFS 457 or permission of instructor.

RHI 756—Cost Control in Restaurants, Hotels and Institutions

Fundamentals and techniques of cost control in food service, hotel and resort management. Management procedures to control costs from purchase through service. Strategic planning, budgeting, efficiency, labor management and productivity, energy management, production, service and computers as they relate to controlling costs. Prerequisites: RHI 558/758 or permission of instructor.

Religious Studies (Interdisciplinary)

RS/PHI 352—Great Moral Philosophers

See PHI 352 for description.

RS/PSY 357—Psychology of Religion

See PSY 357 for description.

RS/PHI 370—World Religions

See PHI 370 for description.

RS/HIS 381—Introduction to the History of Religion in the United States

See HIS 381 for description.

RS/HIS 384—Heresy and Dissent in Western Religious History

See HIS 384 for description.

RS 399—Selected Topics in Religious Studies

RS 450—Seminar in Religious Studies

An interdisciplinary exploration of topics in Religious Studies. The seminar, at times employing the team-teaching method, will encourage students to pursue specific problems encountered in their minor curriculum and to relate their major and minor disciplines. Students must complete fifteen hours of electives in Religious Studies before enrolling in this course.

RS/HIS 451—The Age of the Reformation

See HIS 451 for description.

RS/SOC 455—Sociology of Religion

See SOC 455 for description.

RS/HIS 467—Major Themes in Western Religious History

See HIS 467 for description.

RS/PHI 553—Philosophy of Religion

See PHI 553 for description.

RS/ENG 5405—The Bible as Literature

See ENG 5405 for description.

Russian (CLASS)

RUS 151—Elementary Russian I

Introduction to the essentials of Russian. Emphasis on pronunciation and the Russian writing system.

RUS 152—Elementary Russian II

Continuation of Russian 151 with increased emphasis on grammar and syntax. Prerequisite: RUS 151 or equivalent.

RUS 153—Elementary Russian III

Continuation of Russian 152. Prerequisite: RUS 152 or equivalent, and consent of department chair.

RUS 252—Intermediate Russian

Continuation of Russian 153; grammar review and increased emphasis on reading authentic texts. Prerequisites: RUS 153 or equivalent, and consent of department chair.

Secondary Education (COE)

SED 352—Methods for Teaching Home Economics

An introduction to various methods and materials for teaching home economics in the secondary school. Includes a field-based component which requires teaching home economics in a secondary school classroom. Prerequisites: FED 251, FED 260, and admission into Teacher Education.

SED 354—Methods for Teaching Business Subjects

An introduction to various methods and materials for teaching business subjects in the secondary school. This course includes a field-based component which requires teaching business in a secondary school classroom. Prerequisites: FED 251, FED 260, and admission into Teacher Education.

SED 355—Methods for Teaching Secondary Language Arts

Methods and materials appropriate in teaching composition, literature, and oral expression in the secondary school English program. Emphasis on the writing process, teaching grammar through writing, and literature for grades 7-12. Includes a field-based component which requires teaching language arts in a secondary school classroom. Prerequisites: FED 251, FED 260, and admission into Teacher Education.

SED 356—Methods for Teaching Mathematics

Teaching methods and materials, curriculum content and trends in secondary school mathematics. Includes a field-based component which requires teaching mathematics in a secondary school classroom. Prerequisites: MAT 151, FED 250, FED 260, and admission into Teacher Education.

SED 357—Methods for Teaching Science

Assists students in understanding the purpose of science in the secondary curriculum and becoming familiar with trends in science instruction. Emphasis on the planning of a resource unit. Includes a field-based component which requires teaching science in a secondary school classroom. Prerequisites: MAT 151, FED 251, FED 260, and admission into Teacher Education.

SED 358—Methods for Teaching Social Science

The social sciences in the secondary schools with emphasis on foundations and curriculum issues, planning social science instruction, methods and materials appropriate for older adolescents and topical issues in teaching social science. Includes a field-based component which requires teaching social science in a secondary school classroom. Prerequisites: FED 251, FED 260, and admission into Teacher Education.

SED 454—Secondary School Curriculum

The secondary school curriculum. Emphasis is placed on the goals and philosophies of the various disciplines and the implementation of these goals. The relationship between curriculum content and process will be examined. Students will plan and teach a 7-10 day unit in their specific teaching field in a secondary school classroom. Prerequisites: FED 251, FED 260, subject-specific method's course, and admission into Teacher Education.

SED 491—Student Teaching

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. For all secondary majors. Prerequisites: Completion of teaching field, educational foundations, curriculum and methods, admission into Teacher Education, and admission to Student Teaching.

SED 591—Special Topics in Secondary Education

Current trends and issues in specific teaching fields in the secondary schools. Tailored to meet the needs of pre-service teachers.

SED 654—Curriculum and Methods for the Secondary School

Current trends and issues in curriculum development with an emphasis on the goals and philosophies of the various disciplines in the secondary school and the implementation of these goals using

a variety of instructional methods to deliver an educationally sound and a developmentally appropriate curriculum to students. A field-based project included. Prerequisite: Admission to Teacher Education.

SED 696—Internship: Secondary

A three quarter sequence of supervised teaching in a secondary classroom in one of the secondary subject fields. Emphasis on instructional planning, methodology, classroom management, and student evaluation. Prerequisites: Admission to Teacher Education and a Provisional Teaching Certificate.

SED 750—Dynamics of the American Economy

Designed for teachers and consists of a comprehensive overview of the American economic system, with emphasis on economic issues that influence society. Teaching methodology, applications, and the development of materials.

SED 751—Personal Finance

Designed for teachers and covers the basic elements of personal finance needed by individuals and family units in making wise decisions in today's society. Assessment of individual resources, selective spending, credit, taxes, insurance, savings, investments, and budgeting. Includes learning activities, curriculum development, and skill acquisition. An introduction to the use of computers in personal finance.

SED 794—Science Workshop for Secondary Schools

Introduces and promotes the use of curricula, resources, and activities which emphasize hands-on science in secondary education. Focuses of the course is on developing hands-on science curricula, classroom implementation of science programs, and the development of process and inquiry skills. Emphasis on addressing local needs and resources in the area of science instruction. A field-based project included.

SED 796—Teachers Environment and Free Enterprise Institute

Assists secondary school science teachers in increasing their understanding of the relationships between our physical and biological environment and the free enterprise system. Primary goals include the achievement of new knowledge and the incorporation of this knowledge into classroom instruction.

SED 852—Teaching Secondary Social Studies

The place of social science education in secondary education. In a seminar setting, students will analyze problems challenging 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 secondary school social studies education. A field-based project included.

SED 855—Seminar in Secondary Education

A capstone to the Secondary Education Program. Emphasis on a study of the historical and contemporary research, instruction, and recommended practices for effective secondary school education. Required for the M.Ed. in Secondary Education. A field-based project will be included.

SED 857—Seminar with Field Study

Opportunity for conducting an action research study. The results are presented in written form reflecting library research and applied research methodology related to a school setting. The project is a three quarter sequence. Required for Ed.S. in Secondary and P-12 fields. Prerequisites: EDR 761, EDR 852, and permission of advisor.

SED 863—Teaching Secondary Science

Promotes specialized training appropriate to the needs of in-service personnel. Attention to a range of specific methods in teaching secondary school science. A field-based project included.

SED 864—Teaching Secondary Mathematics

An in-depth study of current methods in teaching secondary school mathematics. A field-based project included.

SED 865—Integrated Language Arts for the Secondary School

Instructional strategies that integrate writing, reading, literature, and language in the secondary school classroom. A field-based project included.

SED 880—Supervising the Classroom Teacher

Enables the supervising/mentor teacher to demonstrate, in a classroom setting, a mastery level of skill performance related to effective observation, conferencing, and communication skills. To receive credit, the participant must have a student teacher or intern, or be serving as a mentor teacher while enrolled in this course. Prerequisite: EDL 779.

SED 890—Teaching Young Adult Literature in the Secondary School

An in-depth study of young adult literature together with techniques for helping students respond orally and in writing. A field-based component included.

SED 891—Special Topics in Secondary Education

The study of a topic relevant to the secondary school classroom. Prerequisite: Permission of the advisor, instructor, and department chair.

SED 893—Directed Individual Study

The student, under the direction of the instructor, will identify and study a topic relevant to a secondary school teaching field. Prerequisite: Approval of the advisor, instructor, and department chair.

Sport Management (CHPS)

SM 250—Introduction to Sport Management

An introduction to sport management; its scope, foundations, issues, career opportunities, and trends.

SM 351—Sport Management Practicum

A supervised practical sport management experience in a sport related business undertaken in an area of professional interest to the student.

SM 450—Sport Enterprise Operation

Enable the student to learn how sport businesses are operated; includes professional sport clubs, event management organizations, health and fitness centers, country clubs, arenas and auditoriums, and sport marketing companies.

SM 451—Social and Economic Influence of Sport

Introduces the student to how sociological and economic phenomena affect sport behavior.

SM 452—Risk Management in Sport

Identification and correction of risks that lead to accidents and/or lawsuits.

SM 453—Athletic Director

Examines management of athletic programs of an institution.

SM 454—Sport Promotion and Marketing

The application of marketing principles and practices to the sport industry. Theoretical and practical applications of marketing pro-

fessional and collegiate sport are examined. Consideration is given to marketing sport both as a spectating and participatory activity.

SM 455/CAB 455—Sport Broadcasting

Designed to teach broadcasting techniques specific to sports. Includes lecture, discussion, and simulated broadcasts by students.

SM 456—Sport Finance and Facility Management

Examines the fundamental concepts and theories of finance applicable to the field of sport management as well as the principles and procedures involved in sport facility management. Prerequisite: FIN 351 & MGT 351.

SM 493—Directed Individual Study

Permits the undergraduate student to study an area of interest in the field under the direction of a faculty member. Permission of the Department Chair required.

SM 550—Legal Problems in Sport Management

Helps the student develop an understanding of selected legal problems in sport and to develop approaches for avoiding and/or solving these problems.

SM 551/751—Athletic Governance

Acquaints the student with the constitution and bylaws of the National Collegiate Athletic Association (NCAA) and National Association of Intercollegiate Athletics (NAIA). Special emphasis is given to rules compliance, Title IX compliance, and rules education.

SM 591—Sport Management Internship

Allows the senior in sport management an opportunity to receive practical experience in selected athletic or sport related settings. Normally, the internship is one quarter and will pay the student the prevailing wage level for the job preferred. Prerequisite: Junior-Senior standing.

SM 599—Selected Topics

Topics of special need and interest to sport management are studied.

SM 750—Problems in Sport Management

Helps the student develop an understanding of selected problems in sport and to develop approaches for avoiding and/or solving these problems.

SM 756—Research Strategies in Sport Management

Various types of research and the methods involved in conducting research in sport science and related areas.

SM 860—Social and Ethical Issues in Sport

Issues relating to sport and society.

SM 861—Physical Education and Sports Facilities Development and Management

Planning, developing and managing physical education and sport facilities in the public and private spheres. Consideration is given to managing multipurpose arenas, auditoria and stadia as well as facilities designed for educational use.

SM 862—Administration of Athletics

The philosophy, principles and procedures in administering a sports program. Personnel, finance, legal issues, social and behavioral conduct of managers, financial resource assessment, budget analysis and capital funding.

SM 864—Sport Marketing

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.

SM 865—Strategies for Sport Finance

The fundamental concepts, theories, strategies and tools of analysis of finance in the context of sports-related organizations. Particularly, financial analysis of sports business operations, sources of revenue, capital investments and other critical aspects of sport business practices. Prerequisite: FIN 351 or equivalent.

SM 866—Issues in Amateur Sport

Issues and problems encountered by the sport administrator regarding such topics as amateur athletic associations, the amateur athlete, sex discrimination, broadcasting, trademarks, player agents and drug testing.

SM 891—Internship

Allows the student in Sport Management an opportunity to receive practical experience in selected athletic or sport related settings. Prerequisite: Permission of the Internship Coordinator.

SM 893—Directed Individual Study

Opportunity for graduate students to investigate an area of interest under the direction of a faculty member. Prerequisite: Permission of Graduate Program Advisor.

SM 999—Thesis

Requires the completion of an independent research project in the preferred field requiring the defense of design, methods, analysis and interpretation of the data. Prerequisite: Permission of the Chair, Department of Recreation and Sport Management.

Sociology (CLASS)

● **SOC 150—Introduction to Sociology**

Introduces discipline of sociology and the sociological perspective as a tool for understanding one's culture. Socialization (process of becoming social beings); effects of social class, ethnic group, sex, age, family on ways people act, feel and think; patterns of conflict (interpersonal, intergroup, international) in social life; underlying causes of social change and social problems.

SOC 270—Introduction to Social Welfare

Introduces the history of the values, ideas, events and developments that have led to the current social welfare arrangements in western society—the welfare state.

SOC 280—Introduction to Social Work

A comprehensive introduction to the field of social work, including a brief history of the profession; its knowledge, skill, and value base; and its fields of practice.

SOC/AS 350—Social Problems

American social problems using the sociological perspective. Problems in the areas of deviance, social inequality, social change and American institutions. Prerequisite: SOC 150 or permission of instructor.

SOC/AS 352—Urban Sociology

The origin of cities and the impact of modern urban life on the social, psychological, ecological and economic components of human societies. Prerequisite: SOC 150 or permission of the instructor.

SOC/JS 354—Gangs, Drugs, and Criminal Justice

Students will explore the links between gangs and the drug culture and will trace the development of gangs in U.S. society, examining how the Criminal Justice system might respond. Prerequisites: JS 251 or consent of instructor.

SOC/WGS 355—Gender Roles

The impact of gender identity upon people in this society, including definition, development, and change of gender roles.

SOC 356—Self and Society

Explores the relationship between the individual and the social milieu using the symbolic interactionist perspective. Surveys of the classic sociological expositions on the origins of the self and how it is shaped by society. Current research on processes of norm formation, identity management, socialization, interpersonal influence and role behavior. Prerequisite: SOC 150 or permission of instructor.

SOC 357—Criminology

The principles of criminology and penology with emphasis on historical and contemporary theory and practice. Prerequisite: SOC 150.

SOC 358—Juvenile Delinquency

The biological, psychological, and sociological forces producing deviant behavior in children; the causes and treatment of juvenile delinquency. Prerequisite: SOC 150 or permission of the instructor.

SOC/AS/AAS 359—Race and Ethnic Relations

A survey of race and ethnic relations in world perspective, with special emphasis on the American South. Prerequisite: SOC 150 or ANT 150.

SOC 360—Deviant Behavior

The behavior that varies from cultural and social means.

SOC 365—Sociology of Death and Dying

The sociocultural issues surrounding death and the process of dying in society. A sociological analysis is presented of the definitions, meanings, attitudes, forms and rituals concerning death and dying in contemporary society.

SOC 370—Social Welfare Policy and Services

An introduction to the programs and services of the American welfare state, the history and current structure of policy and services. Prerequisite: SOC 150 or permission of instructor.

SOC 371—Social Services and Aging

Introduces the student to (1) the wide range of public, voluntary, and private social services available to the aged population in the U.S.; and (2) the methods used by human services professionals working with older populations. Prerequisites: SOC 150 or permission of the instructor.

SOC 372—Social Work and Health Care

A comprehensive introduction to social work in health care with exploration of the knowledge base and skills used, this course covers various health care settings and special populations of ill people. Sociology 150 or permission of instructor.

SOC 380—Sociological Theory

Surveys and analyses of developing sociological theories. Required of sociology majors in the B.A. and B.S. (Applied) programs. Prerequisite: SOC 150.

SOC 381—Methods of Social Research

A review of social research methods with emphasis on design, data collection, measurement, survey and analysis. Required of all sociology majors. Prerequisites: SOC 150 and STA 255.

SOC 399—Selected Topics in Sociology**SOC 450—Population**

Demographic methodology and acceptable frame of reference in the scientific analysis of population as a basis for sociological insight into the phenomena of human groups. Prerequisite: SOC 150 or permission of the instructor.

SOC 452/652—Community Organization

The development and organization of human communities, including the contrasts in rural and urban community life. An overview of social problems confronting contemporary communities is provided together with an analysis of community development strategies appropriate to resolving these problems. Prerequisite: SOC 150.

SOC 453—Social Work as a Profession

Social work as a helping profession with emphasis on its goals, roles, values, skills and setting. Preparation for practice and simulations casting the student into the helping role. Prerequisite: SOC 150.

SOC/RS 455/655—Sociology of Religion

A theoretical treatment of religious institutions with emphasis on the structure and function of religion and the relationship between the religious institution and other social institutions. Prerequisite: SOC 150 or permission of the instructor.

SOC/ANT/AS/AAS 457/657—The Rural South

The lifeways and social organization of rural society with emphasis on the South. Examines social institutions, community dynamics, social change and the cultural distinctions of the region. Prerequisite: SOC 150 or ANT 150 or permission of instructor.

SOC/AAS 460/660—Social Stratification

Theories of social class, caste and rank; social mobility in contemporary society. Prerequisite: SOC 150.

SOC 461/661—Program Evaluation

An introduction to program evaluation as applied sociology. Evaluation research concepts and methods will be related to such topics as the need for program evaluation; some issues affecting its initiation, implementation, and utilization; and what it means to view it as both process and result. Prerequisite: SOC 150.

SOC 463/663—Aging

The impact of an aging population upon society and of the effects of the socially defined experience of aging upon the individual. Special issues such as retirement, life-style options, health, death, widowhood and creative aging are considered. Prerequisite: SOC 150 or permission of instructor.

SOC 465/665—Sociology of Education

The scientific study of social conditions that influence education with particular focus on the organization and process of education. Prerequisite: SOC 150.

SOC 466—Fields of Child Welfare

The current philosophy and practice within the various fields of child welfare including family income maintenance programs, child protective service, adoption, foster care, institutional care of children, services to children in their own home, unmarried parents

and their children, children and the courts, guardianship and special services to children. Prerequisite: SOC 150 or permission of the instructor.

SOC 467/667—Sociology of Health Care

How disease affects human groups and how human groups react to disease. Health care institutions, statuses and roles, beliefs and practices including newly emerging roles. Prerequisite: SOC 150.

SOC 472/672—Collective Behavior

Social movements and such forms of collective behavior as mobs, crowds, rumors, riots and mass hysteria. Prerequisite: SOC 150 or permission of instructor.

SOC 475/675—Organizations

Large scale organizations, both public and corporate, as social systems with emphasis upon internal structure and dynamics, relationships with the social environment, power and decision making, influence of the informal organization and organizational change. Prerequisite: SOC 150 or permission of the instructor.

SOC 480/680—Sociology of the Family

The sociological analysis of the family as a social system from primitive to present. Prerequisite: SOC 150 or permission of the instructor.

SOC 492, 493, 494—Field Internship I, II, III

Gives practical experience in a sociologically and vocationally appropriate setting to students in the B.S. programs in sociology. Five hours credit in each segment, up to fifteen hours. Prerequisite: permission of major advisor from the Department of Sociology and Anthropology.

SOC 499—Directed Individual Research

SOC 554/754—Social Change

Theories and causes of change with emphasis on change as a continuing process. Prerequisite: SOC 150.

Soc 599—Selected Topics in Sociology

SOC 650—Population

The impact of population on individuals, social groups, and broader social organization. Demographic methodology, theoretical perspectives, and case studies.

SOC 799—Selected Topics in Sociology: Grant Proposal Development

An overview of grant proposal development as applied to the social sciences, this course analyzes the processes of identifying and targeting potential funding sources, developing fundable projects and competitive proposals, identifying/creating a proposal's competitive edge, and communicating grant proposal strengths to proposal reviewers. Strategies for success will be explored.

SOC 850—Contemporary Theory

Major contemporary theories and theorists. Functionalism, conflict, exchange, interactionism, and systems theory. Required for Sociology M.A. Prerequisite: SOC 380 or permission of instructor.

SOC 851—Research Design and Methodology

The role of theory, research design, sampling, measurement and instrumentation, data collection, and ethical issues related to sociological research. Focus on survey design. Required for Sociology M.A. Prerequisite: SOC 381 or permission of instructor.

SOC 852—Quantitative Data Analysis

The statistics necessary to design and interpret sociological research. Four lecture and three computer lab hours per week. Required for Sociology M.A. Prerequisite: Undergraduate statistics course or permission of instructor.

SOC 854—Seminar in Self and Society

Social psychological theory and research with emphasis on the sociological perspective. Both structural and symbolic interactionist theories. Laboratory experience included.

SOC 855—Seminar in Social Change

Advanced theories of social change and application to global social arrangements.

SOC 858—Early Sociological Theory

The contributions made by pre-1930 social thinkers to contemporary sociological theory. Prerequisite: SOC 380 or permission of instructor.

SOC 859—Seminar in Social Stratification

Class and caste stratification systems with particular emphasis on the United States. Provides students with an understanding of class and caste structures, theoretical perspectives, and consequences of inequality.

SOC 860—Seminar in Social Organization

Theories of social organization and their application at both the micro and macro levels of analysis in organizations and societies.

SOC 890—Special Issues in Theory

Select theories or schools of sociological thought. May be repeated as topics change. Prerequisite: SOC 380 or permission. Variable hours.

SOC 891—Special Issues in Methodology

Select methodologies for sociological research. May be repeated as topics change. Prerequisite: SOC 381 or permission. Variable hours.

SOC 892—Special Issues in Data Analysis

Select data analysis techniques for sociological research. May be repeated as topics change. Prerequisite: SOC 852 or permission. Variable hours.

SOC 893—Special Issues in Sociology

Select content area within sociology. May be repeated as topics change. Variable hours.

SOC 894—Independent Study in Sociology

Independent examination of graduate course topic offered by Sociology department. Note Graduate College guidelines pertaining to independent study course work. Prerequisite: By permission of instructor and advisor.

SOC 895—Directed Research in Sociology

Participation in an independent or group research project. More than five hours of directed research may be earned, but a maximum of five hours can be applied to Sociology M.A. degree. Prerequisite: By permission of instructor and advisor.

SOC 995—Applied Monograph

SOC 999—Thesis

Spanish (CLASS)**SPA 151—Elementary Spanish I**

Introduction to essentials of grammar, acquisition of basic vocabulary; practice in reading, speaking and writing. No prerequisite.

SPA 152—Elementary Spanish II

Continuation of Spanish 151 with an emphasis on the active use of the language. Prerequisite: Spanish 151, one year of high school Spanish or equivalent.

SPA 153—Elementary Spanish III

Continuation of Spanish 152. Prerequisite: SPA 152 or equivalent.

SPA 252—Intermediate Spanish

A review of Spanish grammar, reading of selected texts and particular emphasis on conversation and expansion of vocabulary. Prerequisite: Spanish 153 or equivalent.

SPA 311, 12, 13, 14, 15—Discussion Circle

Guided conversation in Spanish, based on current issues as they are reflected in contemporary journals and newspapers. Emphasis on conversational, rather than on specialized, vocabulary. Prerequisite: Spanish 252 or consent of instructor.

SPA 350—Spanish Conversation

Practice in the use of everyday Spanish through conversation, vocabulary building and oral presentation. Only Spanish spoken in class. Prerequisite: Spanish 252 or equivalent.

SPA 351—Spanish Grammar and Composition

Treatment of fine points of grammar and idioms, with special attention to the verbal and pronominal systems. Readings appropriate to grammatical points, translations and weekly directed compositions. Prerequisite: Spanish 252 or equivalent.

SPA 352—Approach to Hispanic Literature

Selections from major Hispanic writers with emphasis on reading, the spoken language and grammar review as needed. Oral and written reports. Prerequisite: Spanish 252 or equivalent.

SPA 353—Studies in Hispanic Media

Survey of issues and events affecting the Hispanic world using print and electronic media, including newspapers, magazines television, and computer communications. Class will focus on improving reading and listening skills while at the same time broadening the understanding of the Spanish-speaking world. Prerequisite: SPA 252 or equivalent.

SPA 354—Spanish Civilization

The culture and civilization of Spain with emphasis placed on the historical and social development of the country. Prerequisite: Spanish 252 or equivalent. Taught in Spanish.

SPA/LAS 355—Latin American Civilization

The culture and civilization of Latin America from the time of the pre-Columbian Indian societies through the present. Prerequisite: Spanish 252 or equivalent. Taught in Spanish.

SPA 399/599/799—Selected Topics in Spanish

SPA 450/650—Spanish Phonetics and Advanced Composition
Explanation of the Spanish phonological system with oral practice of Spanish; attention to intonation, pitch, juncture and stress. Composition and sentence translations with emphasis on sentence complexity, word choice, word order and euphony of expression. Prerequisite: SPA 252 or equivalent.

SPA 451—Commercial Spanish

Survey of business vocabulary, basic business and cultural concepts, and situational practice necessary for entry-level understanding of the Spanish-speaking business world. Practice in reading and writing of correspondence and commercial documents in Spanish. Prerequisites: two Spanish courses at the 300-level or consent of the instructor.

SPA 453/653—Epics and Ballads

Hispanic epics and ballads and other popular and folk forms of literature. Taught in Spanish. Prerequisite: Spanish 352 plus one additional course at the 300-level or consent of the instructor.

SPA 457—Literature of Hispanic Nationalism

Literary works which illustrate the development of individual national identities in Spanish America and the emphasis on expression of this nationalism as a defining cultural characteristic. Works from the post-independence Romantic period through the mid-Twentieth century. Prerequisites: SPA 352 plus one additional 300-level course or permission of the instructor.

SPA 458/658—Afro-Hispanic Literature

Literary works which present the images of the African in Hispanic literature and which portray the Black experience in Latin America. Taught in Spanish. Prerequisites: SPA 352 plus one additional 300-level Spanish course or consent of the instructor.

SPA 460/660—Latin American Culture Through Film

significant themes of Latin American culture (such as the role of the family, Hispanic immigration, impact of revolutions, etc.) through Spanish-language films. Films accompanied by supporting texts and classroom discussion. Oral and written reports required. Prerequisites: SPA 350 or SPA 355 or permission of instructor.

SPA 461/661—Contemporary Hispano-American Culture

Study and analysis of Twentieth-Century Hispano-American history, politics, and social issues through contemporary Spanish-language texts and media. Prerequisites: two courses in Spanish at the 300 level or consent of the instructor.

SPA 462/662—Contemporary Spain

Study and analysis of twentieth-century Spanish history, politics, and social issues through contemporary Spanish texts and media, including newspapers, periodicals, films, television programs and radio broadcasts. Taught in Spanish.

SPA 464—Literature of Honor and Faith

works of literature which illustrate the social dynamic of “la honra” (honor), an individual’s place in society, and “la fe” (faith), the search for the individual’s purpose on earth. Particular emphasis on drama of the Golden Age. Prerequisites: SPA 352 plus one additional course at the 300-level or permission of the instructor.

SPA 465—Literature of Transition and Decay

Literary works of the Nineteenth Century in Spain which focus on recurrent themes of transition from Spain’s status as a world power and the decay of traditional social values. Prerequisites: SPA 352 plus one additional course at the 300-level or permission of the instructor.

SPA 466/666—Twentieth Century Spanish Literature

Literary trends in twentieth-century Spain. Oral and written reports. Active use of the Spanish language. Prerequisite: Spanish 352 plus one additional course at the 300 level, or consent of the instructor.

SPA 467/667—Cervantes

Selected works of Miguel de Cervantes, with primary emphasis on his masterpiece *Don Quixote*, together with consideration of its literary antecedents. Prerequisite: Spanish 453.

SPA 468—Contemporary Hispanic Women Writers

Literary works by Hispanic women writing after World War II. Issues affecting the changing role of women in Hispanic society will be examined as will each author's personal style and point of view. Prerequisite: SPA 352 plus one additional course at the 300-level or permission of the instructor.

SPA 469/669—Latin American "Boom" Literature

A survey of Latin American literature since 1960. Emphasis on those Latin American novelists, short story writers, poets, dramatists and essayists whose works began to receive international recognition in contemporary culture. Active use of the Spanish language. Prerequisite: Spanish 352 plus one additional course at the 300 level, or consent of the instructor.

SPA 491—Internship in Spain and Latin America

Spanish language and culture component of internships in Spain or other Spanish-speaking countries. Students selected by a departmental process. Prerequisites: One 300-level course or equivalent and permission of the Department Chair.

SPA 499/899—Directed Study in Spanish

Independent study under faculty supervision. Prerequisite: consent of department chair.

SPA 654—Literature of "Pundonor"

Hispanic literature from the seventeenth century to the present, emphasizing the cultural themes of dignity, honor, and pride. Concentration on Spanish peninsular works of literature. Taught in Spanish. Prerequisites: Spanish 352 plus one additional course at the 300 level, or consent of the instructor.

SPA 655—Literature of Exploitation

Latin American literature up to the twentieth century with emphasis on the Hispanic themes of exploitation and the social roles which are conditioned through such exploitation. Taught in Spanish. Prerequisites: Spanish 352 plus one additional course at the 300 level, or consent of the instructor.

SPA 663—Literature of Faith and Piety

Intensive study of the masterpieces of the Spanish Golden Age with emphasis on the themes of mysticism, piety, and anticlericalism. Taught in Spanish.

SPA 851—Problems in Second-language Acquisition in Spanish

Particular features of Spanish language and Hispanic culture which present problems for the learner. Emphasis on identification of content appropriate to each level of Spanish taught in the secondary school; development in the learner of the four language skills and cultural understanding; models of styles and techniques to overcome specific difficulties; and testing comprehension, speaking, reading, writing, and culture in Spanish.

SPA 892—Seminar in Spanish

Topic to be selected by instructor.

Statistics (COST)**• STA 255—Statistics Using the Computer I**

An elementary course in statistics at a level which does not require a knowledge of calculus. An interactive computer statistical package will be used to solve problems and simulate situations. No computer knowledge required. Prerequisite: five hours of mathematics.

STA 256—Statistics Using the Computer II

Two sample tests of hypothesis and topics in regression and correlation. A survey of computers and data processing principles. Use of large statistical packages such as SPSS, BMD and SAS. Prerequisite: STA 255.

STA 472—Mathematical Statistics

Random variables, density functions, mathematical expectation, discrete and continuous distributions, moments and moment-generating functions and limiting distributions. Prerequisite: Math 338.

STA/BIO 476/676—Statistical Methods I

Descriptive statistics, normal distribution, sampling experiments, distribution of sample means, tests of significance, parameter estimation, sampling distribution, confidence intervals, linear regression and one-way analysis of variance.

STA/BIO 477/677—Statistical Methods II

Analysis of variance with multiple classification, factorial experiments, analysis of covariance, multiple regression analysis, and transformations.

STA 480/680—Sampling and Survey Methods

Design of sample surveys, biases, variance, and cost estimates. Comparison of simple random sampling, stratified, systemic, cluster, and multistage sampling. Emphasis on appropriate sample type and estimation of parameters. Prerequisite: STA 476.

STA 495/695/895—Directed Study in Statistics

Directed study under faculty supervision. Prerequisite: Consent of Department Chair.

STA 599/799—Selected Topics in Statistics**STA 672—Mathematical Statistics**

Random variables, density functions, mathematical expectation, discrete and continuous distributions, moments and moment-generating functions, and limiting distributions. Prerequisite: MAT 338.

STA 860—Applied Multivariate Analysis

Principal components analysis, factor analysis, discriminant analysis, cluster analysis, multivariate analysis of variance, and log-linear analysis. Emphasis on using the computer to perform the statistical analysis calculations. Prerequisite: STA 476/676.

STA 862—Statistical Process Control

Control charts for discrete and continuous quality characteristics using the normal, Poisson, binomial, and hypergeometric distributions. Process capability studies, capability indices, and acceptance sampling for both discrete and continuous attributes. Prerequisite: STA 476/676.

STA 864—Design of Experiments I

Analysis of variance, split plots, and fractional factorials applied to fixed, random, and mixed models. Emphasis on both design and analysis of data using various statistical packages and programs. Prerequisite: STA 477/677.

STA 865—Design of Experiments II

Factorials and fractional factorials with factors at more than two levels, evolutionary procedures, response surfaces, and Taguchi designs. Prerequisite: STA 864.

STA 890—Special Topics in Statistics

Topics from selected areas of statistics. Prerequisite: Permission of instructor.

STA 999—Research Project in Statistics

Research project addressed toward real world problems in statistics. Prerequisite: Permission of Department Chair.

Technical Drafting and Design (COST)**TD 130—Technical Drawing**

Basic drafting with emphasis on manual drafting skills and projection theory and practice. Two single and one double period.

TD 152—Architectural Graphics

Graphics used to represent architectural applications including building plans, sketching, blueprint reading, perspectives and other techniques. Three lecture and two double-lab periods.

TD 220—Computer Drafting

Basic computer aided drafting. One single period and one double period. Prerequisite: TD 130 or equivalent or permission of instructor.

TD 231—Descriptive Geometry

The fundamental theories underlying the graphical description, in geometrical terms, of the shape, size and space relationships of geometrical magnitudes. One single and two double periods.

TD 330—Technical Illustration

Techniques used for preparation and illustration of technical data and devices in industrial, scientific, educational, and consumer service. One single and two double periods.

TD 333—Computer Aided Drafting and Design

Computer aided drafting (CAD) and design. One single-period and two double-period. Prerequisites: TD 150 or TD 152, or TD 130 and TD 220.

TD 334—Industrial Design

Design as a process; planning and creative decision making activities; use of basic concepts and the manipulation of technical knowledge for the purpose of creating new knowledge. Prerequisites: TD 150, MKT 350, WT 350.

TD 350—Industrial Production Drafting

A sequel to TD 150 concentrating on technical drafting from the production-manufacturing standpoint. Detailed working drawings, tolerances, jigs, fixtures. Three single periods and four hours laboratory. Prerequisite: TD 150.

TD 495—Special Problems in Technical Drafting and Design

An opportunity for individual research and experimentation in design or drafting. Prerequisite: Definition of the problem and permission of the instructor six weeks prior to beginning of the quarter. Variable credit.

TD 695—Special Problems in Technical Drafting and Design

An opportunity for individual research and experimentation in drafting.

TD 859—Graphical Solutions

An introduction to the use of graphical methods for calculations, analysis, solving problems and presenting facts.

Technology Education (COE)**TED 250—Introduction to Technology Education**

Introduces the prospective teacher to the field of Technology Education. It highlights origins, movements and leaders that have shaped Technology Education. The goals, objectives, content and competencies of Technology Education will be explored through didactic and practical methods.

TED 350—Lab Design, Management, Maintenance, Operation and Safety

The essentials of designing an appropriate Technology Education facility and managing such a facility in a public school setting. Program development and equipment procurement, the essentials of maintaining tools, equipment and the facility. The operation of the Technology Education program in a public school situation and the necessary safety precautions. Prerequisite: Admission into Teacher Education.

TED 450/650—Curriculum Content for Technology Education

Problems, techniques and procedures in the preparation, selection, and organization of Technology Education curriculum materials for instructional purposes. Methods, techniques, theories of learning, preparation of materials, sequencing, laboratory safety, evaluation and teacher liability in Technology Education settings. Prerequisite: Junior Standing.

TED 451/651—Methods for Teaching Technology Education

The Technology Education major will be exposed to effective methods and techniques of teaching Technology Education subjects. Class organization, management, preparation of lesson plans and instructional aids. Prerequisites: Admission into Teacher Education and TED 450 or to be taken concurrently.

TED 452/652—Materials and Methods of Construction

A survey of the construction enterprise and fundamental exploration of the commonly used building materials and methods. Prerequisite: Admission into Teacher Education.

TED 457—General Technology for Technology Education Teachers

The educational aspects of the areas of production, transportation, construction and communication as they apply to Technology Education. An emphasis is placed on utilizing common materials discovered in nature and the refinement of these materials in a laboratory environment through the design and development of prototypes. Prerequisites: Admission into Teacher Education.

TED 491—Student Teaching in Technology Education

A period of guided teaching during which the students, 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 engage directly in many of the activities which constitute the wide range of a teacher's assigned responsibility. Prerequisite: Completion of teaching field, completion of methods and curriculum, admission into Teacher Education, and admission to Student Teaching.

TED 591—Special Problems in Technology Education

Promotes specialized training appropriate to the needs of pre-service personnel. It also emphasized individualized research in the technology associated with Technology Education. Prerequisite: Admission into Teacher Education.

TED 851—Organizing and Implementing Programs of Technology Education

An analysis of existing, emerging and proposed Technology Education programs. Course content builds background basic to the planning and implementation of good programs of Technology Education instruction at different levels.

TED 852—Philosophy of Technology Education

A survey of past and present philosophies that have influenced the development of Technology Education. Inclusion of movements, leaders and events will be interjected as appropriate. Emphasis on the development and/or strengthening of a personal philosophy of Technology Education.

TED 855—Administration and Supervision of Technology Education

A comprehensive identification and classification of organizational structures for Technology Education functioning as a continuum in the public school. Designs of appropriate school facilities in light of their recognized organizational structures will be covered. Development of guidelines for Technology Education administration and supervision.

TED 856—Design for Technology Education Teachers

New developments in the field of drafting and design emphasizing the relationships of material and form in the selection and design of Technology Education projects. Hands-on experience through actual design problems and their solutions graphically. Prerequisite: 10 quarter hours of drafting or equivalent.

TED 892—Seminar in Technology Education

Advanced study of technology for experienced teachers, administrators and supervisors of Technology Education. The development of sound principles and practices for initiating, conducting and evaluating programs in Technology Education. Participants will pool their knowledge and practical experiences and do intensive research work on individual and group problems.

TED 893—Directed Individual Study in Technology Education

An extension of the research consumer skills of Educational Research 751 into an opportunity for application to an independent or action research project. The results will be presented in written form reflecting the content of library research and applied research methodology related to Technology Education. Prerequisite: EDR 751.

Trade and Industry Education (COE)**TIE 251, 252, 253—Supervised Work Experience**

Coordinated work experience related to the student's technical specialty including comprehensive report of same.

TIE 450/650—Seminar in Teaching Trade and Industrial Education

A review and synthesis of the philosophy, principles, and practices of trade and industrial education.

TIE 451/651—History and Policies of Trade and Industrial Education

The principles, practices, history, policies, funding, organization and administration of vocational education with special emphasis on trade and industrial education.

TIE 452/652—Organization and Management of Trade and Industrial Education Facilities

The planning and development of proper practices for organization and management of Trade and Industrial Education laboratories, workshops, office learning resource centers and classrooms.

TIE 453/653—Curriculum Content of Trade and Industrial Education

Covers the content and program of study for selected Trade and Industrial offerings. Emphasizes individualized instruction.

TIE 456/656—Procedures in Teaching Trade and Industrial Education

A consideration of practical utilization procedures for teaching the various Trade and Industrial subject areas.

TIE 460/660—Open-Entry for New Vocational Teachers

For new, vocational education in-service instructors. Survival skills, knowledge in curriculum, individualized instruction and classroom management. Prerequisite: Permission of the instructor.

TIE 461/661—Introduction to Teaching Trade and Industrial Subjects

Introduces the new T & I teacher to the principles and practices of teaching manipulative skills, organizing subject matter, planning lessons, developing curriculum and for implementation of state approved instructional materials. Usually a part of the new vocational teacher institute.

TIE 462/662—Instructional Strategies and Management Techniques in Trade and Industrial Education

Introduces the new T & I instructor to the principles and practices of program/laboratory management, laboratory organization, safety and use of media. Usually a part of the new vocational teacher institute.

TIE 464/664—Advanced New Teacher Institute

Due to the nature of the course, no single description can be given. A needs assessment will be conducted on all participants who have attended a new vocational teacher institute and individually presented programs will be developed according to these needs. Prerequisite: Must have completed the new vocational teacher institute.

TIE 491—Student Teaching in Trade & Industrial Education

A period of guided teaching during which the students, 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 directly in many of the activities which constitute the wide range of a teacher's assigned responsibility. Prerequisite: Completion of teaching field, completion of methods and curriculum, admission into Teacher Education, and admission to Student Teaching.

TIE 493/693—Internship for New Vocational Teachers

Serves as the vehicle for implementing teaching competencies learned in the new vocational teacher institute. Prerequisite: Permission of instructor.

Vocational Education (COE)**VED 450/650—Trends in Career and Vocational Education**

A review of major trends and innovations in career education and vocational education throughout Georgia, the nation, and the world. Experimental and new emerging career development programs in Georgia.

VED 451—Individualizing Vocational and Technical Education

An introduction to individualized instruction following the Georgia vocational models. Emphasizes competency-based instruction, how to develop individualized packages, the support technology, prepared materials, implementation, rationale and evaluation.

VED 453/653—School Shop Safety

A review of accepted rules, regulations and practices of designing and operating an educational laboratory in a safe manner including accident prevention and first aid.

VED 551/751—Cooperative Vocational Education Programs

Considers all cooperative curriculum programs in the high school as well as the philosophy and background for the program.

VED 591—Special Problems**VED 651—Individualizing Instruction**

The conditions of individualized instruction, including procedures for objectives, diagnosis, instruction, and evaluation. Accommodations of school disciplines will be made on an individual basis for each group enrolled or through a special group offering.

VED 691—Workshops

Specialized study for selected groups of vocational instructors usually identified in cooperation with local school administrators and/or Georgia State Department of Education leaders. Special assignments by advisor. Two to fifteen hours credit.

VED 754—Vocational Education and Technical Education for the Disadvantaged and Handicapped

Emphasis on problems of academic, socio-economic, cultural and/or physical handicaps of individual students in vocational and technical classes.

VED 791—Special Problems in Vocational Education

Promotes specialized training appropriate to the needs of in-service school personnel. Attention given to a range of significant problems in local school systems.

VED 852—Foundations of Career and Vocational Education

Scheduled during the same quarter as VED 891 so as to provide for concurrent study of occupational applications to curriculum for CVAE, or Distributive Education, or VOT, or DCT.

VED 853—Vocational Development in Curriculum

The vocational emphasis in the building and modification of curriculum.

VED 854—Management of Programs in Vocational and Technical Education

Policies, programs, public relations, and principles of management as they relate to vocational and technical education.

VED 893—Directed Individual Study

An extension of the research consumer skills of Educational Research 751 into an opportunity for application to an independent or action research project. The results are usually presented in written form reflecting the content of library research and applied research methodology related to the school.

Women's and Gender Studies (Interdisciplinary)**WGS/CAS 349—Communication and Gender**

Introduces students to the literature of communication and gender. Defines the domain of communication and gender studies and consider how men's and women's self-perceptions and resulting communication patterns evolve as a function of cultural influences.

WGS 350—Perspectives on Women's and Gender Studies

A multidisciplinary course designed to introduce students to the field of women's and gender studies. Students will examine traditional and alternative perspectives on women's and men's experiences.

WGS/HIS 351—Women in American History

The role of women in the political, economic, social, and intellectual life of the United States.

WGS/SOC 355—Gender Roles

The impact of gender identity upon people in this society, including definition, development, and change of gender roles.

WGS/PSY 358—Psychology of Women

Female psychological development throughout the life-span. Examines relevant theory and research, identity and self-concept, relationships and power, sexuality, parenting, work, mental health, and women of color.

WGS/POL 372—Women and Politics

The relationship of women to the practice of politics and to political theory-building. The student will be introduced to political behavior, political socialization, and selected public policy issues by using a comparative cross-national approach as they pertain to women as a political group.

WGS/HIS 387—Women in Modern European History

The impact of economic, social, and political events on women in Western Europe since 1789.

WGS/PHI 390—Feminist Philosophy

An introduction to the main topics in Feminist Philosophy to include: the adversary method and the 'maleness' of philosophy; dualities of mind/body, male/female, self/other; women's ways of knowing; caring and maternal thinking; and ecofeminism. Feminist philosophy addresses these ideals and assumptions in the western philosophic tradition that have oppressed women and other subordinate groups.

WGS 399—Selected Topics in Women/Gender Studies

Various subjects depending upon areas of faculty's particular expertise and student interest.

WGS/CA 441—Women and Media

Three essential issues in the study of women and their relationship to the mass media: 1) the representations of femininity and female characters, with emphasis on contemporary film and television; 2) the history and current status of women within media institutions; 3) the reception of media texts by female audiences and the media's role in women's daily lives.

WGS 468 —Contemporary Hispanic Women Writers

Literary works by Hispanic women writing after World War II. Issues affecting the changing role of women in Hispanic society will be examined as will each author's personal style and point of view. Prerequisite: SPA 352 plus one additional course at the 300-level or permission of the instructor.

WGS/ANT/IS 471—Gender in Cross Cultural Perspective

A cross-cultural and biocultural examination of gender using concepts and knowledge from all areas of anthropology to explore the origins of gender, the cultural construction of gender, and gender stratification. Prerequisite: ANT 150.

WGS 491—Special Problems in Women's and Gender Studies

Independent study in an area of special interest directed by a faculty member. Open to juniors and seniors minoring or concentrating in Women's and Gender Studies.

WGS/ENG 5420—Literature by Women

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.

Yoruba (CLASS)**YOR 151—Elementary Yoruba I**

Introduction to the essentials of Yoruba grammar and culture; acquisition of basic vocabulary; practice in speaking, listening, reading, and writing.

YOR 152—Elementary Yoruba II

Continuation of Yoruba 151. Prerequisite: YOR 151 or consent of the instructor.

YOR 153—Elementary Yoruba III

Continuation of Yoruba 152. Prerequisite: YOR 152 or consent of instructor.

Admissions

The University encourages applications from qualified applicants from all cultural, racial, religious and ethnic groups. Admissions standards are designed to identify students whose academic backgrounds indicate they are capable of successfully completing work at Georgia Southern University. (*See Equal Opportunity Policy statement inside the front cover.*)

The requirements for admission to the University as a beginning freshman, undergraduate transfer, graduate, or transient student may be found in the appropriate sections. Information on admission to a particular degree and major program may be found in the appropriate college section.

Applications for admission may be secured from the office of your high school or junior college counselors or by writing directly to the Office of Admissions, PO Box 8024, Georgia Southern University, Statesboro, Georgia, 30460-8024, (912-681-5532) and must be submitted prior to the application deadline prescribed for each quarter.

Normally all students who have applied or updated their applications prior to the application deadline for a specific term will be considered for admission. However, the University reserves the right to cease accepting applications at any time. Therefore, students are encouraged to apply or update well in advance of the application deadline for their intended terms.

The University reserves the right to examine further any applicant by the use of psychological, achievement and aptitude tests. (Each applicant must give evidence of good moral character, promise for growth and development, seriousness of purpose, and a sense of social responsibility.)

The University further reserves the right to require additional biographical data and/or an interview before the applicant is accepted or denied admission. If an interview is required, the applicant will be notified.

The Director of Admissions may refer any applicant to the Admissions Committee of the University for study and advice. The ultimate decision of acceptance or denial will be made by the director of admissions subject to the applicant's right to appeal as provided in the policies of the Board of Regents of the University System of Georgia.

An applicant who chooses not to enroll for the quarter accepted must notify the Admissions Office to update quarter of application, and acceptance may be deferred until further information is received.

Immunization Requirements

The Board of Regents of the University System of Georgia requires proof of immunization against measles, mumps, and rubella before students are allowed to register for and attend classes at Georgia Southern University. Health Services administers this policy and will help students with appropriate forms and information.

Adequate immunization requires at least one (1) mumps shot, one (1) rubella shot, and two (2) measles shots administered after the student's first birthday. For students born before January 1, 1957, proof of immunization against rubella is the only requirement.

The following three (3) groups of students may be exempt from the immunization policy: (1) those who were previously enrolled at Georgia Southern University, (2) those with religious objections, and (3) those with bona fide medical reasons certified by a physician. The latter two groups would be restricted from all campus premises in case of an outbreak of measles, mumps, or rubella at Georgia Southern University.

Forms and additional information may be obtained at Health Services, GSU Admissions Department, and the College of Graduate Studies.

Beginning Freshmen

*An applicant will be eligible for admission only upon compliance with the following requirements and conditions:

1. Graduation from an approved secondary school or possession of a Department of Education certificate awarded on the basis of the General Education Development (GED) Tests.**
2. Satisfactory completion of college preparatory subjects in high school which should include the following units:
 - 4 English
 - 3 Social Studies
 - 3 Mathematics (courses should include Algebra I, Algebra II, Geometry or Trigonometry).
 - 2 Foreign Language (must be the same language)
 - 3 Science
 - 4 Additional Academic Courses
 - 16 Total Other Academic Units (*Please see College Preparatory Curriculum which follows.*)
3. Submission of satisfactory scores on the College Entrance Examination Board Scholastic Aptitude Test (SAT) or American College Test (ACT)
4. U.S. Citizens or Resident Aliens for whom English is not the native language must take the Michigan test upon arrival.
5. Submission of an official high school transcript directly from the high school to the University. A record of good conduct. Major or continued difficulty with the school or civil authorities may make an applicant ineligible regardless of academic qualifications.
7. Submission of a Medical History (Form provided with an acceptance for admission.) Applicants are usually initially admitted prior to high school graduation, once they have completed their junior year of high school and have submitted an official high school transcript. The transcript should include a satisfactory grade point average and satisfactory SAT or ACT scores.

An individual seeking admission as a special student, not pursuing a degree program, but who desires to take courses for personal benefit, must submit a statement as to the type of studies to be pursued and the reason for selecting a special program. The individual must also submit all documents and satisfactory scores on such ability or achievement tests as may be prescribed by the Director of Admissions.

*Requirements are subject to change. Please contact the Admissions Office for current admission requirements.

**GED recipients are not eligible for admission before their high school class has graduated. Please note: Students applying to the GSU nursing program must meet general admissions requirements and also meet specific nursing program requirements. An additional application to the nursing program is required. Admission to GSU does not guarantee acceptance into the nursing program.

College Preparatory Curriculum (CPC)

The following courses are required of students who graduated from high school in the Spring of 1988 or later and plan to enroll in regular college programs leading to the baccalaureate degree in institutions of the University System of Georgia: **four units of English** (including grammar and usage, American and world literature, and advanced composition skills), **three units of science** (including physical science, at least two laboratory courses from biology, chemistry, or physics), **three units of mathematics** (including algebra I, II and geometry), **three units of social science** (including American history, world history, and economics and government), and **two units of foreign language** (skills-building courses emphasizing speaking, listening, reading, and writing). The courses required for regular admission to institutions of the University System represent the minimum standards set forth by the Board of Regents.

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

Students who have completed the required courses of the college preparatory curriculum and who meet all other admission requirements will be admitted to Georgia Southern as regular students. Students graduating with fewer than the required units in the college preparatory curriculum and who meet other standards for admission will be granted provisional status while they complete courses in the areas in which they are deficient. These are outlined below.

English

Students graduating with fewer than the four required units of English will be required to take the Collegiate Placement Exam (CPE) in English and reading. Based upon the student's score, the student would (1) exempt Learning Support English and/or reading or (2) be placed in Learning Support English and/or reading.

Mathematics

Students graduating with fewer than the three required units of mathematics will be required to take the Collegiate Placement Examination (CPE) in mathematics. Based upon the student's score, the student would (1) exempt Learning Support mathematics or (2) be placed in Learning Support mathematics at the appropriate level.

The following provisions apply to the science, social science, and foreign language course requirements. They represent course-work beyond the requirements for the program in which the student is enrolled. The student receives credit for the courses, but the credit does not count toward a degree.

- (1) The student must earn a "C" or better in each of these courses.
- (2) Entering freshmen must enroll in courses to satisfy these deficiencies as soon as Georgia Southern becomes aware of the deficiencies.
- (3) Transfer students must also take these courses immediately upon entering Georgia Southern. The course(s) should be taken with the idea of expanding the student's previous exposure to the disciplines.

Science

Students graduating with fewer than three units of science will be required to take an additional five-hour course in a laboratory science chosen from the approved laboratory science courses in Area II of the Core Curriculum.

Social Science

Students graduating with fewer than three units of social science will be required to complete one additional five-hour course chosen from the approved social science courses in Area III of the Core Curriculum.

Foreign Language

Students graduating with fewer than two units of the same foreign language will be required to complete the second course (Elementary II) of a foreign language at Georgia Southern. Course requirements will be based on the results of a placement exam. Most students with no foreign language work in high school will be required to take the first and second course of a foreign language.

Courses That Satisfy CPC

Social Science - One of the following college courses will satisfy the CPC deficiency:

- HIS 152 or 153 - Development of Civilization
- HIS 252 or 253 - U.S. to 1877 or Since 1877
- ANT 150 - Intro to Anthropology
- ECO 250 - Principles of Economics I
- ECO 251 - Principles of Economics II
- ECO 260 - Basic Economics
- GGY 250 - World Regional Geography
- PSY 150 - Intro to Psychology
- SOC 150 - Intro to Sociology

Science - One of the following courses will satisfy the CPC deficiency:

- BIO 151 - Principles of Biology I
- BIO 161 - General Biology I
- CHE 171 - Intro to General Chemistry
- CHE 181 - Intro to Organic Chemistry
- GGY 150 - Physical Geography
- GLY 151 - General Physical Geology
- PHS 151 - Principles of the Physical Universe (Not for students in Learning Support Math)
- PHS 161 - Planetary Astronomy
- PHY 251 - General College Physics (Requires Trigonometry)
- PHY 261 - General College Physics for Science, Engineering and Mathematics Students (requires 2nd course in Calculus)

All students are required to complete a 10-hour lab science sequence to satisfy the Core Curriculum. This is in *addition* to the five hours from the lab science courses listed above needed to satisfy the CPC deficiency in lab sciences.

Foreign Language. The second course in the Elementary Foreign Language sequence satisfies the CPC deficiency:

- ARA 152 - Elementary Arabic II
- FRE 152 - Elementary French II
- FUL 152 - Elementary Fulani II
- GER 152 - Elementary German II
- JAP 152 - Elementary Japanese II
- KOR 152 - Elementary Korean II
- LAT 152 - Elementary Latin II
- RUS 152 - Elementary Russian II
- SPA 152 - Elementary Spanish II
- YOR 152 - Elementary Yoruba II

Provisionally Accepted Freshmen

Freshmen accepted conditionally must have met SAT/ACT or grade-point average requirements. Students admitted under this provision must also take the Collegiate Placement Examination for placement purposes. See Learning Support in University Programs and Courses.

Students who are provisionally accepted to Georgia Southern and/or must take the Collegiate Placement Exam will jeopardize their admission by enrolling at another institution prior to entering Georgia Southern. Then they must exit Learning Support at that institution and complete 30 hours beyond Learning Support with a 2.0 grade-point average.

Post-Secondary Options Program

A student classified as a high school junior or senior may apply for the privilege of enrolling for college credit while attending high school. To be admitted, the student must satisfy the following:

- A. Have an academic grade-point average of at least a 3.0; (80 on numeric scale);
- B. Submit SAT scores of at least 1010 (recentered) or 900 (original scale);
- C. Submit recommendation from the student's counselor or principal;
- D. Excel in the field in which the student is seeking to enroll;
- E. Have written consent of parent or guardian (if the student is a minor);
- F. Must be on track to complete College Preparatory Curriculum requirements. Dual credit (for high school and GSU) for CPC is only allowed in the final unit of English and social science if student has a minimum 530 verbal recentered SAT (450 verbal original scale SAT score) score or equivalent ACT score;
- G. Meet all other regular admissions requirements.

Under the Post-Secondary Options Program, public high school students in the state of Georgia will be eligible for tuition waiver as long as the student plans to complete graduation requirements for the high school. Questions regarding this program should be directed to the student's high school counselor or Guidance Office.

Students should confer with their high school counselor to determine which courses are necessary for satisfying high school graduation requirements. Placement in these courses cannot be guaranteed.

Private high school students may still be joint-enrolled with GSU by meeting the same admissions requirements noted above. These students are not eligible for the tuition assistance available with the Post-Secondary Option Program.

Georgia public high school students planning to graduate from high school may be eligible for tuition grants from the State of Georgia.

Transfer Admission

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

1. Request the Registrar at each institution attended, regardless of length of attendance or amount of credit earned, to send an official transcript to the Director of Admissions.
2. Present a satisfactory academic record from each institution attended. Admission will be evaluated in accordance with one of the following categories, as appropriate:
 - a. Generally, students completing an A.A. or A.S. degree with a 2.0 cumulative GPA (4.0 scale) in a college or university parallel curriculum will be offered admission.

b. Students who have completed 30 or more quarter credit hours of collegiate work: transfer admission will be granted only if the student has a grade point average of at least 2.0 on all collegiate work attempted or on the most recently attempted thirty quarter credit hours.

c. Students who have completed fewer than 30 quarter credit hours of collegiate work: transfer admission will be granted only if the student meets all current requirements for regular freshman admission to Georgia Southern University and be eligible to return to their previous institution.

**Applicants will not be eligible for admission if they are under current dismissal from any other institution. If you have attempted under 30 quarter hours of college parallel credit at another institution and have not met Georgia Southern's freshman admissions requirements and/or enrolled in remedial/learning support courses at another college, you will not be eligible for admission until you have successfully completed the remedial learning support courses and have earned 30 quarter hours of regular degree credit with a cumulative 2.0 grade-point average.*

The director of admissions will ordinarily determine the applicant's eligibility on the basis of the above requirements but may, however, require the applicant to meet any or all of the following:

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

Transfer students who graduated from high school in Spring of 1988 or later and have not completed at least 45 quarter hours of accepted transfer Core Curriculum credits in Areas I, II or III with a minimum of a 2.0 grade-point average must complete the College Preparatory Curriculum requirements of the University System of Georgia.

Transfer students from University System schools are required to complete CPC requirements regardless of hours accepted in transfer.

The applicant possesses the right to appeal the decision of the Director of Admissions to the University Admissions Committee. Students applying to the Nursing program must submit an additional application to the Nursing program and must meet additional admissions requirements.

*Students who are dually enrolled during high school with a college or university other than Georgia Southern must meet the University System of Georgia's joint enrollment requirements before credit will be awarded.

Advanced Standing

Accepted applicants who have attended any college or university may be granted advanced standing according to the following policies:

1. Transfer credit may be accepted from degree granting institutions that are fully accredited at the collegiate level by their appropriate regional accrediting agency. Provisions may be considered when an institution appeals the policy. However, should the quality of the educational program of the institution attended appear to be mediocre or unsatisfactory, the Director of Admissions has the prerogative not to accept all or any part of previously earned credits.
2. The amount of academic credit accepted in transfer may not exceed the normal amount of credit that could have been earned at Georgia Southern during that time.

3. Credit will be allowed for college courses completed which are college parallel in nature. Below college level (remedial or refresher) courses cannot be accepted in transfer.
4. The Director of Admissions and the Registrar reserve the right to make judgments concerning satisfying requirements for the first three areas of the core curriculum.
5. Credits accepted in transfer by Georgia Southern University may not necessarily apply as hours toward graduation. Final determination with exception of areas I, II and III of the core curriculum, will be made by the appropriate academic advisor and are subject to the regulations of the School and Department granting the degree and major.
6. A maximum of 101 quarter hours of work (including physical education courses) completed in a junior college may be accepted.
7. A maximum of 45 quarter hours of non-resident credit may be accepted for transfer within the following guidelines:
 - a. Grade of "C" or higher required for courses completed by extension or correspondence.
 - b. Fifteen quarter hours credit for military service experience including Dantes and correspondence courses as recommended by the American Council on Education.
 - c. Six quarter hours of credit for physical education activity courses based on a minimum of one year's active duty. The student should furnish a copy of the DD-214 to the Registrar's Office.

Transient Admission

Subject to the availability of faculty, space, and facilities, a regular undergraduate student in good standing at another accredited institution may be permitted to enroll one quarter at Georgia Southern in order to complete work to be transferred back to the parent institution. The transient applicant should:

1. Present a statement from the dean or registrar of the parent institution to the effect that he or she is in good standing and eligible to return to that institution. Must also furnish an official transcript from the last institution attended.
2. Comply with all regulations regarding the admission of transfer students, if, in the opinion of the Director of Admissions, there is doubt about the qualifications of the transient applicant.

Transient students applying for admission for Summer Quarter may be permitted to enroll with submission of the "letter of good standing" alone.

Admission as a Post-Baccalaureate Student

Applicants for admission with a bachelor's degree from an accredited institution but who are not seeking graduate-level credit are expected to meet general admission requirements established for enrollment in undergraduate programs.

In addition to the general application for admission form, applicants are required to submit an official transcript to the director of admissions, from the institution in which they received their undergraduate degree. If the applicant is seeking an additional degree, official transcripts from all previous institutions will be required.

Individuals enrolled as post-baccalaureate students are eligible to take undergraduate level courses only.

Admission as an International Student

Georgia Southern University subscribes to the principles of international education and to the basic concept that only through education and understanding can mutual respect, appreciation, and tolerance of others be accomplished.

In addition to meeting the general admission requirements, a prospective international student must:

1. Present evidence of better than average grades in previous academic work. Georgia Southern does not require the Scholastic Aptitude Test (SAT) from students whose first language is not English. Admission decisions are made on the basis of previous academic work. It is necessary that students present academic records which are above average when applying for admission.
2. Since Georgia Southern University offers a full range of English As A Second Language (ESL) instruction, the Test Of English As A Second Language (TOEFL) is not required for admission. ALL students whose first language is not English, regardless of previous language instruction, are tested when they first arrive on campus. If proficiency does not meet Georgia Southern standards, they are placed in an appropriate ESL course. ESL must be taken the first quarter of enrollment and every quarter thereafter until adequate proficiency is attained. **Students who do not complete the English courses and attain proficiency in a reasonable period of time will be ineligible to continue enrollment at the University.**
3. Submit original or official copies of certificates, degrees or diplomas awarded, including grade reports. If desired, originals will be copied for Georgia Southern's file and the original returned to the student.
4. Provide evidence of ability to meet financial requirements during the term of their enrollment.
5. If the student is in the United States or has a U.S. visa, a copy of the visa, the I-94 and passport information must be submitted at the time of application.

The Director of Admissions reserves the right to request other information which may be necessary to evaluate the application. This institution also reserves the right to admit only those students who are academically qualified and who have proven their ability to meet the financial requirements while in attendance.

All students are required to purchase a Health Insurance Plan made available through the University. Substitutions are not permitted or acceptable, except in exceptional situations. The current cost for students is \$42.00 per month and is subject to change. Insurance for families is available at a significantly higher cost.

Applicants needing a student visa may be required to submit a deposit before a Certificate of Eligibility will be issued. Continuation of the visa after the first calendar year requires further proof and certification of the student's financial ability.

International students with a student visa are required to carry a full course of study in every quarter. A full course of study at Georgia Southern University is 12 quarter hours for undergraduate students and ten quarter hours for graduate students.

Special Admission for Students Age 62 and Older

Georgia citizens who are 62 years of age or older have the privilege, as granted by Amendment 23 of the Georgia Constitution, of enrolling in the University without the payment of fees subject to the following conditions:

1. Must be a legal resident of Georgia.
2. Must be 62 years of age or older and present proof of age at the time of registration.
3. Must enroll as a regular student to audit or take courses offered for resident credit.
4. Must pay for supplies, laboratory or shop fees.

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

5. 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.
6. If the applicant has previously attended another college or university, he or she must satisfy transfer admission requirements.
7. If a course of study is pursued to degree, all institutional, system, and state-legislated degree requirements must be met. (See REQUIREMENTS FOR GRADUATION.)

Special Admission for Mature Students

Applicants applying for admission as a mature student summer quarter and subsequent quarters must meet following requirements:

1. Students who have not attended high school or college within the previous five years and have earned fewer than 20 transferable quarter hours of college credit are not required to take the SAT or ACT. These students, however, shall take the University System of Georgia Collegiate Placement Examination (CPE) and complete any Learning Support requirements.
2. Applicants must submit a high school transcript or GED diploma.

Readmission Policy

Students who do not attend the University for one calendar year and students whose most recent academic standing was learning support dismissal or exclusion must file an application for readmission by the published deadlines in the University Calendar. Students who are not required to file an application for readmission who have attended another institution while away from Georgia Southern should contact that school and have an official transcript sent to Georgia Southern. The transcript must indicate that the student is in good academic standing at the last school attended before the student returns to Georgia Southern. Failure to submit this transcript by the midpoint of the first quarter after returning to Georgia Southern could result in the administrative withdrawal of the student.

Residency

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 significant 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 this state. State colleges and universities often assign out-of-state students a higher tuition rate in an attempt to achieve a partial cost equalization between those who have and those who have not recently contributed to the state's economy. The courts consider the durational residency requirement (usually 12 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" confuses many 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 institutions' 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 have 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.

Due to the rigid requirement that a person prove his/her intent to have 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 made. If his/her petition for legal residency for tuition purpose is denied, the student may always appeal the decision at the next level.

Student Responsibilities

A. Student Responsibility to Register Under Proper Classification-The responsibility of registering under the proper tuition classification is that of the student. If there is any question of his/her right to in-state tuition status, it is his/her obligation, prior to or within 60 calendar days of his/her registration, 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.*

B. Notification of Change in Circumstances-A student who is classified as an in-state student must notify the proper administrative officials of the institution immediately of any change in his/her residency status, or of any other change in circumstances which may affect tuition classification.

C. Official Change of Tuition Status-Every student classified as a nonresident shall retain that status until such time as he/she shall have petitioned for reclassification in the form prescribed by the institution and shall have been 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 quarter.

D. 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.

Regents' Policies Governing the Classification of Students for Tuition Purposes

1. (a) If a person is 18 years of age or older, he or she may register as an in-state student only upon a showing that he or she has domiciled in Georgia for a period of at least 12 months immediately preceding the date of registration. During this twelve month period, the student must show that he/she has been self supporting and has taken the necessary steps to become a legal resident that would normally be taken when moving into a new state.
(b) 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.
2. If a person is under 18 years of age, he or she may register as an in-state student only upon a showing that his or her supporting parent or guardian has been a legal resident of Georgia for a period of at least twelve months immediately preceding that date of registration.
3. If a parent or legal guardian of a minor changes his or her legal residence to another state following his or her legal residence in Georgia, the minor may continue to take courses for a period of 12 consecutive months on the payment of in-state tuition. After the expiration of the 12-month period, the student may continue his or her registration only upon the payment of fees at the out-of-state rate.
4. In the event that a legal resident of Georgia is appointed as guardian of a nonresident minor, such minor will not be permitted to register as an in-state student until the expiration of one year from the date of court appointment, and only upon a proper showing that such appointment was not made to avoid payment of the out-of-state fees.
5. Aliens shall be classified as nonresident students. However, 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.

Waivers

An institution may waive out-of-state tuition for:

- (a) Nonresident students who are financially dependent upon a parent, parents or a spouse who has been a legal resident of Georgia for at least 12 consecutive months immediately preceding the date of registration provided that such financial dependence shall have existed for at least 12 consecutive months immediately preceding the date of registration.
- (b) International students, selected by the institutional president or his authorized representative, provided that the number of such waivers in effect does not exceed one per cent of the equivalent full-time students enrolled at the institution in the fall quarter immediately preceding the quarter for which the out-of-state tuition is to be waived.
- (c) Full-time employees of the University System, their spouses and their dependent children.
- (d) Medical and dental residents and interns at the Medical College of Georgia.
- (e) Full-time teachers in the public schools of Georgia or in the programs of the State Board of Technical and Adult Education and their dependent children. Teachers employed full-time on military bases in Georgia shall also qualify for this waiver.

(f) Career consular officers and their dependents who are citizens of the foreign nation which their consular office represents, and who are stationed and living in Georgia under orders of their respective governments. This waiver shall apply only to those consular officers whose nations operated on the principle of educational reciprocity with the United States.

(g) Military personnel and their dependents stationed in Georgia and on active duty unless such military personnel are assigned as students to System institutions for educational purposes.

(h) Selected graduate students at university-level institutions.

(i) Students who are legal residents of out-of-state counties bordering on Georgia counties in which an institution of the University system is located and who are enrolled in said institution.

Procedures for Obtaining Georgia In-State Classification

Students who are classified by Georgia Southern University as out-of-state, but who later claim to qualify as in-state students must file a "Petition for Classification as a Legal Resident of Georgia" form with the Registrar's Office. A student's tuition status isn't changed automatically, and the responsibility for proving in-state status is the student's. Out-of-state students or applicants who believe that they are eligible for in-state benefits must apply for this status.

A person's legal residence is defined as the place where a person intends to remain indefinitely. There must be a concurrence of actual residence and the intent to remain at that legal residence.

Appeals Procedure

Any student wishing to appeal a decision concerning his/her residence classification should file a Notice of Appeal with the Residency Appeals committee. This Notice of Appeal should be sent to the Registrar.

Credit By Examination

Georgia Southern University is a participant in the advanced Placement Program and the College Level Examination Program (CLEP) of the College Entrance Examination Board. Under the Advanced Placement Program, a student entering the University offers a nationally graded examination as evidence of completion of a college level course taken in high school. Depending on the results of the examination, the student may receive Georgia Southern credit for courses covering similar material. Under the College Level Examination Program, the University grants up to 45 quarter hours of general education credit to those students who obtain the minimum scores defined by university policy. (Credit will not be awarded if the student has previously registered for a similar course or a more advanced course in the same field, or if six months have not elapsed since last taking the test.) For further information contact the Director of Admissions.

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

1. Student clears with registrar to determine eligibility.
2. Student petitions department head of the subject area concerned for an examination covering a particular course listed in the catalog.
3. The student and the examiner will determine the date and time when the examination will be administered.
4. If the petition is approved, the student must pay a test fee of \$15 per test to the Cashier's Office. A receipt will be issued which will allow the student to take the class.
5. Credit will not be awarded for prerequisite courses after higher level courses have been attempted nor will credit be awarded for courses in which credit has already been earned.
6. Credit obtained by proficiency examination will be considered resident credit.
7. The proficiency exam score must be at least a "C" to award credit by exam. The registrar will enter a grade of "K" on student's permanent record showing credit was earned by proficiency examination.

Auditing Courses

Applicants wishing to exclusively audit a course may be exempt from the necessity of taking the SAT. All other admission requirements must be met and regular fees must be paid. Audit acceptances will be awarded on an individual basis and at the discretion of the Director of Admissions. Georgia Southern also reserves the right to require the college placement exam. An auditor does not receive academic credit by auditing a course. Students may not transfer from audit to credit status, nor from credit to audit status after the last day of registration. Students who enroll only to audit courses are approved for one quarter at a time and must be approved each quarter. Students who register to audit courses and then do not attend class, will receive a "W" (administrative withdrawal) on the record if the student does not attend 75 percent of the classes. A grade of "V" (audit) is entered on the record for satisfactory class attendance.

Irregular Students

Irregular students and all other students of classifications not covered in these policies shall be required to meet all requirements prescribed for admission to undergraduate or graduate programs of work and to meet any additional requirements that may be prescribed by Georgia Southern University.

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: assistantships, employment, fellowships, grants, loans, and scholarships. Most financial aid at Georgia Southern 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 uses the Free Application for Federal Student Aid (FAFSA) form provided by the U.S. Department of Education to measure a student's financial need eligibility. Students may receive financial aid for up to 45 credit hours of Learning Support Program course work. Contact the Department of Financial Aid at (912) 681-5413 for help with questions and problems. The Financial Aid Department, part of the Division of Student Affairs is located on the ground floor of Anderson Hall. The fax number is (912) 681-0573.

Mailing address:

Department of Financial Aid
Post Office Box 8065
Georgia Southern University
Statesboro, Georgia 30460-8065

Five forms of financial aid are available:

1. **Assistantships**—The Graduate School has numerous positions within the various departments on campus. Students usually work 15 hours a week and are compensated with monthly stipends and tuition supplements.
2. **The Federal Work-Study Program (FWS)** provides jobs to students who qualify for financial aid. Students normally work two hours per day for various wages.
3. **Grants**—Federal, state and privately funded grant programs are available to students enrolled at Georgia Southern University.
4. **Loans**—Several loan programs are available from state and federal agencies, private and public foundations. Each incorporates its own eligibility and repayment requirements.
5. **Scholarships**—Georgia Southern University offers a limited number of academic scholarships to its students. These awards may be divided into two categories: "General Scholarships" and "Departmental Scholarships." A scholarship pamphlet details the requirements for General Academic Scholarships and identifies departments that offer academic scholarships. For information regarding Athletic Scholarship programs, contact the Athletic Administration Division at (912) 681-5047.

Application Procedures

To apply for any Federal Title IV aid:

1. Complete and submit an Application for Admission to attend Georgia Southern University.
2. Complete and submit a Free Application for Federal Student Aid by April 15 of the year you plan to enroll. You must list Georgia Southern University as one of the schools you plan to attend in Section H, questions 92-102.
3. A number of programs require separate applications. Please note these and request those applications for the program in which you feel you can establish eligibility.
4. Enrolled students should re-apply for aid by April 15 of each year.
5. If you have previously attended another post-secondary school, you must submit a Financial Aid Transcript from each school attended even if you did not receive Financial Aid from that institution.

6. All students must have completed the Board of Regents' Immunization policy.

April 15 is a preferred filing date for financial aid. Applicants not filing by this date will be considered if funds are available.

More detailed information about financial programs can be secured by writing to the Financial Aid Department.

Assistantship Programs

Graduate Assistantships—Qualified graduate level students may be given financial aid in the form of Assistantships. Persons holding Assistantships are expected to render certain service to the University. The head of the school, division, or department to which the graduate student is assigned will outline the required duties. Students are generally expected to work 15 hours per week. To be eligible for appointment as a graduate assistant, the applicant must be regularly admitted to the College of Graduate Studies. Schedules of stipends for graduate assistants may be obtained through the College of Graduate Studies, PO Box 8113, Georgia Southern University, Statesboro, GA 30460-8113, (912) 681-0578.

Employment Programs

The University offers two student employment programs. For more information on these programs, students should contact the Part-Time Student Employment Office, PO Box 8065, (912) 681-5413.

Federal Work-Study Program—The Federal Work-Study Program (FWS) provides jobs for students who need financial aid and who must earn part of their educational expenses. Students must file the Free Application for Federal Student Aid and establish financial need to be awarded FWS. Applicants must be enrolled at least half-time in a vocational, undergraduate, or graduate program. The amount of the award depends upon demonstrated financial need and the amount of funds available. The standard award allows the student to work two hours a day during the 10-week quarter.

Institutional Work Program—The Institutional Work Program helps students find part-time jobs in the various departments on campus. All currently enrolled students may participate, and no financial eligibility requirements apply. Interested students should stop by the Part-time Student Employment Office in order to review the various on-campus job openings. The student employment office, located in Anderson Hall, also provides information about part-time job opportunities available in the Statesboro area. All currently enrolled students may participate in the program as there are no financial eligibility requirements.

Grant Programs

Law Enforcement Personnel Dependents Grant

The Law Enforcement Personnel Dependents Grant is an award for children of Georgia law enforcement officers, firemen, and prison guards who have been permanently disabled or killed in the line of duty. Applicants must meet the five basic eligibility requirements for state grant programs. The grant is \$2,000 per academic year, not to exceed \$8,000 during an entire program of study. Applications should be filed by August, or at least 30 days prior to the beginning of any subsequent school term. For information contact the Georgia Student Finance Authority, 2082 East Exchange Place, Suite 200, Tucker, GA 30084, (770) 414-3084.

Federal Pell Grant

The Federal Pell Grant is the primary federal student aid program administered by the U. S. Department of Education. It is intended to be the first and basic component of an undergraduate student's financial aid package. To be eligible:

- You must show financial need.
- You must be enrolled in an approved undergraduate course of study and must not have a bachelor's degree.
- You must be a U.S. citizen or an eligible non-citizen as defined in the instructions of approved Federal Pell Grant application forms.

You may receive a grant each academic year until you receive your bachelor's degree. Federal Pell Grants range from \$400 to \$2,700 per year (but may vary pending Federal enactment). Follow the instructions on the need analysis form to apply for the Federal Pell Grant. Apply for the Pell Grant as early as January, but no later than May 1.

Drug Policy - Anti-Drug Abuse Act of 1988

It is the policy of Georgia Southern University and the Office of Student 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 United States 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.

Regents Opportunity Grant for Graduate and Professional Students

The Regents Opportunity Grant for graduate and professional students is a state program for economically disadvantaged students who are enrolled full-time in approved graduate programs at University System of Georgia schools. Awards are made by August 1 each year. Contact the College of Graduate Studies, PO Box 8008, (912) 681-5384.

Student Incentive Grant

The Student Incentive Grant (SIG) is a federal and state grant program for Georgia citizens enrolled in approved colleges, vocational-technical schools, and hospital schools within the state. Applicants must meet all eligibility requirements listed below:

- You must not have a four-year or a five-year college degree.
- You must not owe a refund on a previous Federal Student Grant nor be in default on any Federal Student Loan.
- You must show substantial financial need.
- You must be maintaining satisfactory progress in the course of study you are pursuing according to the standards and practices of the school you are attending.
- You must be enrolled in good standing or accepted for admission at Georgia Southern University.
- You must be a legal resident of Georgia for a minimum of 12 consecutive months immediately preceding the date of registration for the school term for which a state educational grant is being sought.

- You must be a U.S. citizen or classified as a permanent resident alien.
- You must not be receiving a scholarship or grant from any state agency outside Georgia during the school year.
- You must be enrolled as a full-time undergraduate student each school term.

The standard SIG awarded at Georgia Southern University is \$200 per quarter, or \$600 per academic year. Awards are not made for summer term. The total number of awards will depend on the amount of funds approved by the Georgia General Assembly for this program.

To apply:

- Complete the FAFSA Application.
- Applications are evaluated on a first-completed, first-served basis as long as funds remain available.

Federal Supplemental Education Opportunity (FSEOG)

The Federal Supplemental Education Opportunity Grant (FSEOG) is a federal program administered by the Financial Aid Department to assist undergraduate students with financial need.

To be eligible:

- You must show substantial financial need by using the FAFSA form.
- You must be eligible for Federal Pell Grant.
- You must be enrolled in an undergraduate course of study and you must not have a bachelor's degree.

The standard grant amount awarded is \$100 per quarter, or \$300 per academic year. The federal funding for this program is usually limited; therefore, many schools deplete this fund rapidly.

- Complete the appropriate need analysis form.
- Complete the school's application for financial aid.

Loan Programs

Federal and State Loan Programs

Federal Perkins Loan Program

The Federal Perkins Loan Program is a low-interest (5 percent) government loan for undergraduate students with exceptional financial need. This program is administered by the Department of Financial Aid at Georgia Southern University. Student eligibility is based upon a predetermined awarding formula using available funds.

Maximum Loan Amounts

You may be awarded up to \$3,000 for each year of undergraduate study. The total amount you can borrow as an undergraduate is \$15,000. However, the standard Perkins Loan awarded at Georgia Southern University is \$300 per quarter, or \$900 per academic year.

Repayment Obligation

Repayment begins nine months after you graduate or leave school. You may be allowed up to 10 years to repay the loan. During the repayment period, you will be charged five percent simple interest on the unpaid balance of the loan principal. The minimum monthly payment is \$40.

Application Procedure

- Complete the FAFSA.

Statement of Rights and Responsibilities Under the Federal Perkins Loan Program: A Federal Perkins Loan is a serious legal obligation. Therefore, it is extremely important that you understand your rights and responsibilities.

1. You must, without exception, report any of the following changes to the Federal Perkins Loan Collections Office, Georgia Southern University, PO Box 8119, Statesboro, GA 30460, (912) 681-5974:
 - (a) If you withdraw from school
 - (b) If you transfer to another school
 - (c) If you drop below half-time enrollment status
 - (d) If your name should change (because of marriage, for example)
 - (e) If your address or your parents' address changes
 - (f) If you join military service, Peace Corps, or VISTA
2. When you graduate or withdraw from Georgia Southern you MUST arrange for an exit interview by calling (912) 681-5974.
3. Your first monthly payment will be due 9 months from the time you cease to be at least a half-time student.
4. Your minimum monthly payment will be at least \$40
5. The annual percentage rate of 5 percent will be the FINANCE CHARGE based on the unpaid balance and will begin to accrue six months after you cease to be enrolled as at least a half-time student.
6. Cancellation will be granted for certain types of elementary or secondary school teaching; for military service in areas of hostilities; for full-time staff members in Head Start; and for permanent disability. You also accept the responsibility to inform the school of such status. In the event of death, family members should contact the school.
7. If you enter the military service, Peace Corps, VISTA, or comparable tax-exempt organization, full-time active duty in the Commissioned Corps of the U.S. Public Health Service, while temporarily totally disabled, or return to at least half-time study at an institution of higher education, you may request that the payments on your National Direct Student Loan be deferred.
8. If you fail to repay any loan as agreed, the total loan may become due and payable immediately and legal action could be taken against you.
9. You must promptly answer any communication from Georgia Southern University regarding the loan.
10. You may repay at anytime. Future interest payments will be reduced by making such payments. If you cannot make a payment on time, you must contact Georgia Southern Federal Perkins Loan Office at (912) 681-5974.
12. Your loan history will be reported to a credit bureau at the time of disbursement.
13. When you sign the loan agreement, you authorize Georgia Southern to contact any school which you may attend to obtain information concerning your student status, year of study, dates of attendance, graduation, or withdrawal, transfer to another school or current address.

Federal Direct Lending Program

Georgia Southern participates in the Federal Direct Lending Program. We will lend funds from the Department of Education "directly" to students through the Federal Direct Stafford Loan Program and to the parents through the Federal Direct PLUS (Parent Loan for Undergraduate Students) Program.

The University is responsible for providing, collecting, and forwarding a signed promissory note to a contracted loan servicer. When loans are due, borrowers will repay them directly to the federal government through the loan servicer.

Federal Direct Stafford Loan

The Federal Direct Student Loan Program provides low-interest, long-term loans through the University. Funding for these loans comes from the Department of Education. These loans can be subsidized or unsubsidized. Eligible students must be admitted and enrolled in good standing at least half-time in a program leading to a degree or certificate. If you drop below half-time status during a quarter, the remainder of your loan may be canceled.

Before a Federal Direct Student Loan is disbursed, students are asked to attend an entrance loan counseling session. Sessions are scheduled at the beginning of each term.

The amount you may borrow is determined by federal guidelines. The federal maximum that you are allowed to borrow follows:

- For those who have not completed their first year - \$2,625 yearly.
- Once sophomore classification is obtained, the student may borrow \$3,500 yearly.
- Students who are classified as juniors or seniors may borrow \$5,500 yearly.
- Graduate and professional school - \$8,500 yearly.

Repayment normally begins six months following graduation or when you cease to be at least a half-time student. Payments and the length of the repayment period depend on the size of your debt, but must be a minimum of \$600 per year. 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 (either subsidized or unsubsidized or a combination of both) as part of your financial aid package. Please read the following paragraphs to learn the differences between the subsidized and unsubsidized Federal Direct Stafford Loans. If you decide to borrow a Federal Direct Stafford Loan, you are required to sign a promissory note which the university will forward to a federal loan servicer.

Subsidized Federal Stafford Loan

The amount of subsidized Federal Direct Stafford Loan you may borrow is the difference between the cost of education (your budget) and your resources (family contribution, financial aid such as Federal Perkins Loan, College Work Study, and any other assistance you receive from the school, and outside resources including scholarships). However, you cannot borrow more than the federal maximum for your grade level.

If you are eligible for a subsidized Federal Direct Stafford Loan, the government will pay the interest for you until repayment begins. You will be assessed a 4 percent loan origination fee. These amounts are deducted from the loan proceeds but will not reduce the principal balance you are required to repay.

Unsubsidized Federal Direct Stafford Loan

The unsubsidized Federal Direct Stafford Loan can replace all or part of the family contribution. However, the amount of the loan cannot be more than the difference between the cost of education and any financial assistance you will receive from the school and any outside source (including the subsidized Federal Direct Stafford Loan). If you are a dependent student, your total Federal Direct Stafford Loan (subsidized, unsubsidized, or a combination of both) cannot exceed the federal maximum according to your classification.

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 4 percent origination fee is deducted from each disbursement of an unsubsidized loan. These charges do not reduce the amount you are required to pay.

Additional Unsubsidized Federal Direct Stafford Loan

If you are an independent undergraduate student or a dependent student whose parents are unable to get a PLUS Loan, you may borrow an additional unsubsidized Stafford loan as follows: students in their first and second undergraduate year may borrow a maximum of \$4,000 per academic year; students in their third, fourth, or fifth undergraduate years may borrow a maximum of \$5,000 per academic year; and graduate students may borrow \$10,000 per academic year in addition to the loan limits mentioned previously.

Federal Direct Parent Loan for Undergraduate Students

If you are a dependent student, you may be eligible for Federal Direct Parent Loan for Undergraduate Students (PLUS) to meet your education expenses. This loan is available through the University and is funded by the Department of Education. The amount a parent may borrow each year is the difference between the student's cost of education and any financial assistance the student will receive from the school and outside sources (including any subsidized and unsubsidized Federal Direct Stafford Loan the student is eligible to receive).

The interest rate on the Federal Direct PLUS is variable but cannot exceed 9 percent a year. Repayment begins within 60 days of disbursement. The borrower is charged a 3 percent origination fee and a 1 percent insurance fee.

Applications are available in the Department of Financial Aid. The University is responsible for forwarding a completed application/promissory note to the loan servicer. Parent borrowers who are not eligible for PLUS loan disbursements should ask the student to contact the Financial Aid Office for assistance through other programs.

State Direct Student Loan

The State Direct Student Loan program provides service-cancelable loan assistance to Georgia students enrolled in approved fields of study in which personnel shortages exist in the state. (Fields of study and eligibility requirements are subject to change.) The Georgia Student Finance Authority (GSFA) administers the program as an eligible lender under the Georgia Stafford Loan program. GSFA makes loans to students that are subject to the same eligibility, interest, and repayment requirements as other loans made to students by commercial lenders and guaranteed by Georgia Higher Education Assistance Corporation.

Eligibility

- You must be a legal resident of Georgia as defined by the Georgia Student Finance Authority.
- You must meet at least one or more of the following criteria. There may be additional requirements depending on the field of study:
 - (a) Be seeking a cash repayable loan; and
 - (b) Be accepted for admission or enrolled in an approved field of study as listed below:

Undergraduate/Vocational/Hospital

Nursing (BS)

Graduate and Specialized

Nursing (master's degree)

Maximum Amounts for Service-Cancelable Loans

Service-Cancelable loan amounts are limited due to the large number of loan requests and a limited appropriation of funds for this program. The average cancelable undergraduate/graduate loan is \$2,000 per academic year.

Repayment Obligation

The repayment obligation for the SDSL is the same as for the Stafford Loan program with the following exception. A student who has received one or more service-cancelable loans may choose to cancel his loan obligation by practicing in an approved Georgia location 12 months for each academic year of assistance.

Application Procedure

- Complete the appropriate need analysis form and designate the school that is to receive a copy of the results.
- Complete the Georgia Application and Promissory Note for a Guaranteed Student Loan (now the Stafford Loan).
- Complete the GSFA State Programs Loan "Transmittal Letter."
- Have the school's financial aid officer certify your enrollment or acceptance for admission in an approved field of study.
- For priority consideration, submit applications no later than June 1 for any period of study beginning with the fall term and no later than 30 days prior to the beginning of any subsequent period of study.

Application forms may be obtained from the financial aid office of GSFA-approved schools and from the GSFA office. The application process for this program is currently under review by the Georgia Student Finance Authority and is therefore subject to change.

Pickett and Hatcher Loan Fund

Available to students pursuing their first baccalaureate degree in any area excluding law, medicine and the ministry. Applicants must be a citizen of the United States, a legal resident of Georgia, and be or plan to be, enrolled in a college or university located in one of nine Southeastern states. Full-time enrollment and maintenance of a "C" average or better are required. The maximum loan amount is \$3,000 for an academic year or \$4,000 for a calendar year. Interest accrues at a rate of two percent (2%) per annum while in school and increases to six percent (6%) per annum upon graduation, cessation of full-time enrollment, or entrance into one of the excluded areas of study. Applicants who have, or will have, unpaid personal educational loans from other sources should not submit an application to this fund. Applications may be requested after October 1 preceding the academic year for which the loan is requested and must be received no later than May 15. For an application, information regarding repayment and/or additional information contact: The Pickett & Hatcher Educational Fund, Inc., P.O. Box 8169, Columbus, GA 31908, (706)327-6586.

Hope Scholarships

The Hope Scholarship—Helping Outstanding Pupils Educationally—is Georgia's unique new program that rewards hard working Georgia high school students with matriculation scholarships in degree programs at any Georgia public college, university, technical institute, or eligible private institution.

If you graduated from high school in 1993 or later, you can qualify as an incoming freshman for a college scholarship with an 80 or better average in high school. You must also be a legal resident of Georgia or be considered a Georgia resident for purposes of in-state tuition when first admitted to GSU. HOPE awards may only be applied to any matriculation amounts not covered by PELL or other Federal grants. A Free Application for Federal Student Aid (FAFSA) must be completed.

HOPE eligibility is reviewed at the end of the quarters in which you obtain 45, 90, and 135 attempted hours. "Attempted hours" refers to all hours attempted at Georgia Southern including classes which you may have dropped as well as hours transferred from another institution.

Contact the HOPE coordinator for other requirements and further information, (912) 681-5413. Additional restrictions may apply. The above is based on the most recent information from the Georgia Student Finance Authority and is subject to change.

Hope Promise—Students planning to enter a teaching field with at least a 3.6 GPA at the beginning of their junior year may receive \$3,000 per year from the HOPE Promise Program. Contact the College of Education for an application.

Financial Assistance/Special Academic Programs and Opportunities

U.S. Marine Corps Platoon Leaders Class

To be eligible for the U.S. Marine Corps Platoon Leaders class Program, a student must be enrolled full time. Openings are available for males who are freshmen, sophomores, and juniors and for females who are juniors. Freshmen and sophomores attend two six week sessions and juniors attend one 10 week session at Quantico, Virginia.

The program offers a guaranteed aviation contract to young men and women who meet the physical and academic qualifications. The Marine Corps also offers contracts in various non-flying military fields. Financial assistance is available for qualified individuals. The program offers two entry level paths that lead to commissioning as a second lieutenant in the U.S. Marine Corps. The Ground Officer Program encompasses all Military Occupational specialties not directly related to piloting aircraft. Applicants must have either the qualifying SAT, ACT or ASVAB score. The second program is the Guaranteed aviation Program in which the student attends flight school for the Marine Corps after graduation from college and acceptance of the commission as a Second lieutenant.

To be eligible for the program, the student must be a U.S. citizen (either native born or naturalized), with full-time enrollment in a minimum of 12 academic credits per quarter, and must be working toward an accredited/recognized baccalaureate degree.

A stipend of \$150 a month for the nine months of school year is available to all who meet the requirements and successfully complete summer training at Officer's Candidate School.

Another benefit of the program is that the student doesn't have to attend any special classes during the school year or wear any uniforms.

For information concerning the program please call toll free 1-800-270-9874 extension 14 and then 15.

Satisfactory Academic Progress Policy

Requirement and Definition

Students receiving financial aid must be making satisfactory academic progress 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 college.

Programs Affected include Federal Perkins Loan, Federal Pell grant, Federal Stafford Loan, Federal Unsubsidized Stafford Loan, Federal Work Study, Federal Supplemental Educational Opportunity Grant, Georgia Student Incentive Grant, Federal PLUS Loan, and HOPE Scholarship.

Withdrawals, Repeat Courses, Suspension, and Satisfactory Course Completion

All quarters in which a student is enrolled and receives aid will count toward the maximum time frame and minimum credit hours completion, even if the student completely withdraws from school.

Quarters of enrollment in which no aid is received will count if the student is enrolled after the first week of school.

Students who receive financial aid and then withdraw from school two quarters within the last four quarters of enrollment will be denied further financial aid. A student who must withdraw a second time within a four quarter time frame must document the reasons for the second withdrawal and receive approval from the Department of Financial Aid before withdrawing from school.

Repeated courses will only count once in the calculation of hours completed. The hours earned when the first passing grade is received for a course are the only hours that count toward academic progress.

Students who are **suspended** are not in compliance with the institution's standards of academic progress and will be denied further financial aid.

A grade of A, B, C, D, or S represents satisfactory completion of a course. A grade of F, W, U, IP, or IF represents unsatisfactory completion of a course.

Maximum Time Limit

Students not completing their degree within the maximum time frame, as further described, will no longer be considered to be making satisfactory academic progress toward their degree. All quarters of enrollment, excluding summer term, will count toward the maximum time limit. Quarters in which no aid is received will count if the student is enrolled after the second week of classes. The count of quarters will be rounded down to the nearest whole number for purposes of determining the remaining number of quarters. Students are allowed 150% of the published length of a degree program. At Georgia Southern University, **the published length of all degree programs is 190 credit hours unless the degree program has a longer length as published in the GSU catalog. Therefore, 18 quarters of full-time equivalent enrollment, excluding summer terms, or 285 hours will be used as a maximum time frame for completion of Georgia Southern University degree programs.**

HOPE Scholarship

Students who are eligible for HOPE may receive the scholarship for up to 190 hours provided the grade point average requirement is met. Students enrolled in a program that requires more than 190 hours continue to receive HOPE beyond 190 hours provided the grade point average requirement is met.

Student Athletes

Student athletes must meet NCAA requirements to maintain eligibility for athletic aid. Student athletes must earn 12 credits per quarter. The NCAA minimum meets the financial aid academic progress requirement.

Undergraduate Students**Full Time**

Undergraduates will be allowed a maximum of 18 full-time quarters in which to complete a degree. Aid will be denied to students who have not completed their degree within this time frame.

Part Time

Quarters in which enrollment is less than full time (12 credit hours) will be counted as follows:

- Students enrolled in 9-11 credit hours will be counted as 3/4 (.75) of one full time quarter;
- Students enrolled in 6-8 credit hours will be counted as 1/2 (.50) of one full time quarter;
- Students enrolled in 3-5 credit hours will be counted as 1/4 (.25) of one full time quarter.

Transfer Credits

Credits transferred from other institutions will count toward maximum time frame.

Summer Sessions

The academic year defined in this policy includes Fall, Winter, and Spring quarters. Therefore, enrollment in summer sessions will not be counted toward the maximum time frame limit described in this policy.

Graduate Students**Doctoral/Master's Degree Candidates**

Graduate students in a Master's degree program are allowed 150% of the published program length to complete their degree and receive financial aid. The exact number of quarters allowed for degree completion depends upon the published length for the particular graduate degree program.

Quarters in which enrollment is less than full time (10 credit hours) will be counted as follows:

Students enrolled in 7-9 credit hours will be counted as 3/4 (.75) of one full time quarter;

- Students enrolled in 5-6 credit hours will be counted as 1/2 (.50) of one full time quarter;
- Students enrolled in 2-4 credit hours will be counted as 1/4 (.25) of one full time quarter.

The maximum time limit calculation is based on all quarters of enrollment as a Doctoral/Master's degree student whether or not aid is received each quarter.

Second Undergraduate Degree Students

Students who have earned an undergraduate degree and are pursuing a second undergraduate degree must complete their degree within three years (nine full time quarters).

Quarters in which enrollment is less than full time (12 credit hours) will be counted as follows:

- Students enrolled in 9-11 credit hours will be counted as 3/4 (.75) of one full time quarter;
- Students enrolled in 6-8 credit hours will be counted as 1/2 (.50) of one full time quarter;
- Students enrolled in 3-5 credit hours will be counted as 1/4 (.25) of one full time quarter.

The maximum time limit calculation is based on all quarters of enrollment as a second undergraduate degree student whether or not aid is received each quarter.

Quarter Credit Hour Completion Requirements

At a minimum, the following schedule for earning credits must be followed to enable the full-time student to complete an undergraduate degree within the federally prescribed time frame. A STUDENT MUST ENROLL IN A MINIMUM OF 12 HOURS TO BE ELIGIBLE FOR FULL-TIME FINANCIAL AID. LESS THAN FULL-TIME ENROLLMENT WILL RESULT IN LESS FINANCIAL AID ELIGIBILITY.

At the completion of the 3rd quarter 32 credit hours
 At the completion of the 6th quarter 64 credit hours
 At the completion of the 9th quarter 96 credit hours
 At the completion of the 12th quarter 128 credit hours
 At the completion of the 15th quarter 160 credit hours
 At the completion of the 18th quarter 190 credit hours

Evaluation Period

Compliance with the minimum credit requirement will be monitored at the end of each academic year.

Learning Support Classes

Learning Support courses carry institutional credit but not credit toward a degree. Institutional credit is not used in computing grade point averages. Therefore, although Learning Support classes will be counted when determining financial aid eligibility per quarter by counting toward full-time enrollment, they do not count as hours earned toward a degree.

Audit Courses

Course work taken as "Audit", which may not transfer from audit to credit status, does not count as credit earned toward a degree. Financial aid is not available for audited coursework.

Probation or Denial for Credit Deficiency

Probation. Students who are deficient between 6 and 11 credits are placed on financial aid probation. Students placed on probation are expected to meet with their academic advisor and develop a plan to remedy the deficiency.

Denial. Students who are deficient 11 or more credits are automatically denied further financial aid until the deficiency is corrected. Appeals will be accepted, but circumstances must be beyond the student's control for reinstatement to occur.

Academic Standing Requirements**Undergraduate Students****First Six Terms of Enrollment**

Students who have been enrolled in six or fewer quarters, excluding summers, and who are otherwise eligible, may receive funding if they are accepted for enrollment under the University academic regulations. The Financial Aid Department will monitor these students' progress and issue a warning letter to students who have an adjusted grade point average of less than 2.00 at the end of their third quarter of enrollment.

Grade Point Average Requirement at the End of Six Terms of Enrollment

A student who has been enrolled six quarters, excluding summer sessions, must achieve and maintain a 2.00 cumulative adjusted GPA. A student who does not have a 2.00 cumulative adjusted GPA at the end of the sixth, and each subsequent term of enrollment (including summer sessions), will be automatically denied further financial aid until a 2.00 adjusted GPA is attained. The denial of aid under this policy applies even if the student is granted academic reinstatement by the University.

Hope Scholarship

Students who have HOPE scholarships must have a cumulative GPA of 3.00 at the end of 45, 90, and 135 hours of attendance. All transfer academic transcript information (hours of enrollment and grades earned) will be used in the calculation of the HOPE grade point average.

Second Undergraduate Degree Students

Students enrolled for the purpose of earning a second bachelor's degree must maintain an adjusted GPA of 2.00 for all terms of enrollment. Students with an adjusted GPA of less than 2.00 will automatically be denied further financial aid.

Evaluation Period for 2.00 Adjusted Grade Point Average Requirement

Each student will be monitored for compliance with the 2.00 adjusted GPA requirement at the end of his/her sixth term of enrollment (excluding summers) and each term thereafter (including summers).

Appeals and Reinstatement of Financial Aid After Denial

Eligibility for an Appeal

A student who has been denied financial aid on the basis of deficiencies under one of more of the previously mentioned policies may appeal. Generally, appeals are made if the student believes that there are extenuating circumstances, or if the student can document that his/her progress as determined by the Financial Aid Department is incorrect. It is the student's responsibility to document changes in information (grade changes, completion of incomplete grades, etc.) to the transcript.

Appeal Procedures

A formal appeal request form is available from the Financial Aid Department. The appeal must be submitted by the student and explain in detail the reason(s) for not meeting the Satisfactory Academic Progress standards and outline what steps the student is taking to meet the requirements in the future. All appeals must be in writing and should be directed to the Financial Aid Appeals Committee. The Financial Aid Appeals committee will review all appeals and may request additional documentation from the student. Students will be notified in writing of the appeal decision.

Approved Appeals

Students whose appeals for reinstatement of financial aid are approved are considered to be on a contracted financial aid approval. Students who fail to meet the terms of the contract will be denied further aid until all deficiencies are corrected. Students who fail their contract approval for financial aid reinstatement may appeal to the Vice President for Student Affairs for reconsideration.

CO-OP Program

Georgia Southern University offers its students the opportunity to gain work experience related to their academic majors, begin the career decision-making process and earn money for educational expenses. This is accomplished through the Cooperative Education program that is provided on an optional basis in most majors and minors in the Colleges of Liberal Arts and Sciences, Business Administration, Health and Professional Studies, and Science and Technology. The Co-op Program is coordinated administratively by the Office of Career Services.

The co-op plan may be student, college, or industry initiated. Normally, students must have earned 45 quarter hours of credit toward their major, have a GPA of 2.5 or better, and be willing to participate in no less than three alternating co-op work assignments. Salaries and benefits are determined by the employer and normally increase as the program proceeds. Board and lodging are the responsibility of the student, but in some cases the employers provide assistance in locating suitable accommodations. Dormitory rooms and meal plans are available to students working near the campus.

Co-op students register for a designated Special Problems/Co-op course each quarter that they are on a work assignment. Co-op students within designated majors may receive one quarter hour credit each quarter they are on a work assignment; an S/U grade is assigned for each work quarter on the basis of the employer's evaluation only.

Veterans' Assistance Programs

The U.S. Department of Veterans Affairs (VA) provides educational benefits under several programs. Eligibility is determined by the VA. 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. 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 the VA.

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 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.

Six quarter hours of credit for physical education activity courses will be awarded when a student provides evidence (DD-214) that he/she has had a minimum of one year's active military duty. The DD-214 should be furnished to the Registrar's Office for evaluation.

Vocational Rehabilitation

The State of Georgia provides financial assistance (equal to tuition and other regular fees in the University) for residents of Georgia who are physically handicapped. For further information, write directly to the division of Rehabilitation Services, Department of Human Resources, 878 Peachtree Street, Atlanta, Georgia 30309.

Fees

Business Regulations

The academic year is divided into three quarters of approximately 11 weeks each and a summer quarter of approximately 10 weeks. Fees are charged and payable by the quarter since each quarter constitutes a separate unit of operation. A student may enroll at the beginning of any quarter.

To insure financial operation in conformity with Board of Regents policies, fee payment regulations must be observed. All fees and charges are due and payable by the due date designated on the registration invoice. Student account invoices are mailed to home and campus addresses prior to early registration fee payment deadline. Invoices are mailed to campus addresses after the quarter begins. Fees and charges may be paid in cash, check, or by Visa or Mastercard in the exact amount of the student's bill. Nonpayment of all fees and charges by the designated due date will result in cancellation of all classes, meal plan and campus housing assignment. 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 fees and be reimbursed when his/her financial aid is available. Should a student decide to not attend GSU or cease to attend during the quarter he/she will continue to be fee liable until officially withdrawing from the University. (See refunds and withdrawals for more information)

The University reserves the right to make changes in its fees at the beginning of any quarter and without previous notice.

Personal checks made out to CASH-GSU, 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.

All fees are regulated by the Board of Regents and are subject to change without notice.

Returned Check Procedure

If a check is returned unpaid by the bank on which it was drawn, a service charge of 5 percent of the face amount of the check or \$20, whichever is greater, will be charged. Checks returned unpaid for registration fees before classes begin or during the first weeks of school will result in a registration cancellation on the next scheduled cancellation date.

Fee checks returned unpaid after the last cancellation of the quarter must be cleared within ten days of written notice or the student will be administratively withdrawn and charged for the time enrolled according to the University catalog. Tuition checks returned prior to mid-quarter are sent to the bank twice for collection; after mid-quarter they are presented only once. A check for anything other than fees must be cleared within ten days of receipt of written notice or the check will be presented to the prosecuting authority of the court for collection or prosecution for criminal issuance of an insufficient funds check. A check for anything other than tuition is only presented to the bank once.

When three checks have been returned by any student's bank without payment, check cashing privileges for that student will be suspended.

Matriculation Fee on Campus

The matriculation fee is charged to all students. Students registering for 12 or more hours will be charged \$560 per quarter. Students registering for fewer than 12 hours will be charged at the rate of \$47 per quarter hour.

Out-Of-State Tuition

Non-residents of Georgia registering for 12 or more quarter hours must pay a fee of \$1,487 per quarter in addition to the matriculation fee and all other regular fees. Non-residents registering for fewer than 12 hours will be charged at the rate of \$108 per quarter hour.

University Fee

Cultural, social and athletic activities as well as good health care are important parts of the university's program and a student's educational environment. In order to provide these activities and services, a quarterly fee of \$167 is charged. All students pay this fee unless they are registered for fewer than six credit hours or enroll in all of their courses at off campus centers. Courses in Statesboro and Savannah are considered to be on-campus.

Technology Fee

A \$25 Technology Fee is charged to all Georgia Southern University students. 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.

Late Registration Fee

Students who complete registration after the published registration day at the beginning of each quarter will be charged a non-refundable late registration fee of \$50.

Parking Permits

All vehicles parking on campus are required to have a parking permit which is available from the Parking and Transportation Office located on Sweetheart Circle. The permit is \$45 per year. If registering a vehicle for the first time, a copy of your vehicle registration is required. Residents of some apartment complexes in close proximity to Campus do not qualify for parking permits. For details, please call Parking at 681-0702.

Visitors parking on campus are asked to obtain a complimentary visitor's pass from the "Welcome Center" on Sweetheart Circle.

Graduation Fee

A graduation fee of \$50 for graduate and undergraduate students must be paid at the beginning of the quarter in which the student completes requirements. Any outstanding financial obligations to the University must be paid before a student may graduate.

Private Music Instruction Fee

Private lessons in various instruments and voice are offered. The fee for receiving one-hour credit (twenty-five minute lesson per week) is \$12.50 per quarter; the fee for receiving two hours credit (fifty-minute lesson per week) is \$25; the fee for receiving three hours credit (seventy-five minute lesson per week) is \$37.50.

Testing Fees*

1. College Level Examination Program (CLEP) \$50.00
2. Institutional Scholastic Aptitude (ISAT) \$25.00
3. Proficiency Examination \$15.00
4. Graduate Record Exam (GRE) \$80.00
5. National Scholastic Aptitude (SAT) \$21.50
6. Miller Analogies Test (MAT) \$40.00

* Fees subject to change without notice.

There is no testing fee for the following if taken on the standard test date:

Georgia & U.S. History and Constitution Tests
 Regents' Testing Program
 College Placement Exam (CPE)

Books and Supplies

The University maintains a bookstore where students may purchase text books, school supplies, sportswear, novelties, snacks, greeting cards, and other items. The University Store accepts cash, checks, Master Card, Visa, and *EAGLEXPRESS* for payment. Textbooks cost approximately \$150 per quarter depending on the courses taken and whether the books are new or used.

Refunds

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

Before or on the first day of class 100%
 After first day of class and during the first 10% of the class enrollment time 90%
 After the first 10% of the class enrollment time and during the first 25% of the class enrollment time 50%
 After the first 25% of the class enrollment time and during the first 50% of the class enrollment time 25%
 After the first 50% of the class enrollment time No Refund

Refunds from formal withdrawal from school are made after mid-point in the quarter. Refunds of housing deposits are made the quarter following a formal withdrawal from campus housing. Any outstanding obligations due to Georgia Southern University may be deducted from the amount to be refunded. There is no refund for classes dropped after the schedule adjustment period. Additional fees due for private music lessons or certain PE classes (i.e., scuba diving, bowling) are not refundable after schedule adjustment. A refund of all quarterly matriculation, non-resident fees, and other mandatory fees is made in the event of death of a student any time during an academic quarter.

Students living in campus housing must formally withdraw from school **and** check out of the residence hall to receive a refund of their housing deposit or room rent. An acceptable vacating of housing includes checking out of the hall, returning keys and leaving the room in an acceptable physical condition. The refund of room rent is prorated based on the date of formal withdrawal. The cost of damages incurred in a room or lost keys will be deducted from the refund.

Refund for Students Receiving Federal Financial Assistance

Students receiving Federal financial assistance who formally or informally withdraw from school are subject to Federal refund regulations. The percentage used to compute the refund is based on the schedule provided by the Georgia Board of Regents listed above. The refund is returned to the applicable Federal program using the following computation.

Example: Student receiving \$811.25 Stafford Loan withdrew during second week of a quarter indicating a 50% refund. Of this loan, \$602.50 was used to pay tuition and fees and must be considered for refund.

Refund Procedure:

Step I

Fees Paid	\$602.50
Refund Percentage	50%
Refund	\$301.25

Step II

Refund Formula:

$$\text{Refund Amt.} \times \frac{\text{Total Federal Aid}}{\text{Total Aid}} = \text{Federal Refund}$$

Example:

$$\$301.25 \times \frac{\$602.50}{\$602.50} = \$301.25$$

Solution:

\$301.25 refund must be repaid to the Direct Loan program

Federal financial assistance must be returned in the following order: Federal Family Education Loans (Direct Stafford Unsubsidized, Direct Stafford Subsidized and Direct PLUS loans, respectively), Federal Perkins Loans, Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, State Incentive Grant and other Federal Title IV assistance.

Students attending Georgia Southern University for the first time and receiving Federal financial assistance are subject to prorata refund regulations if they formally or informally withdraw from school. Refunds for these students are computed using the computation above except that the amount of refund is based on the percentage of time attended to total period of enrollment, up to 60% of the enrollment period.

Receipt of any Federal financial assistance for cost of living in excess of the cost of attendance may be subject to repayment by the student if the student has withdrawn from school. The Office of Student Fees notifies the student if a repayment is due.

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

Meal Plans

Five types of meal plans are available. The contract meal plans may be purchased through the normal registration process or at the Food Service Office in the Lakeside Cafe.

Contract Meal Plans

(1) 3 meals a day, 7 days a week	\$640.00
(2) 2 meals a day, 7 days a week	\$550.00
(3) 2 meals a day, 5 days a week	\$439.00
(4) 1 meal a day, 5 days a week	\$219.50

Declining Balance Plan

(5) The *EAGLEXPRESS* account is a prepaid declining balance program which may be used in all Food Service units. Accounts can be opened or added to at the Food Service Office in the Lakeside Cafe, the University Store, Books Plus or the Pickle Barrel.

Entering freshmen who live in residence halls must purchase a 5/2 or greater contract meal plan. Freshmen housed on campus are not eligible for the one-meal-a-day commuter plan. Please note that the housing contract contains a freshmen meal plan requirement clause. Please read and understand this requirement before signing the contract. Once this requirement has been satisfied, an *EAGLEXPRESS* account may then be opened. All other students may purchase any of the five meal plans desired or a combination of *EAGLEXPRESS* and one of the contract plans.

EAGLEXPRESS

EAGLEXPRESS is a declining balance plan which means that a student deposits funds into an account prior to making purchases, and then uses a GSU I.D. Card to make purchases. 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 services units including all campus restaurants, retail outlets, laundries, snack bars, parking, health and printing services, and select housing fees.

Housing

Housing Rates*

Residence Halls: (Double occupancy; M-Male, F-Female, C-Co-ed) Brannen (C), Cone (F), Dorman (M), Watson (C), Hendricks (C), Johnson (F), Olliff (C), Oxford (M), Stratford (C), Winburn (F), Veazey (C) \$605

Apartments:

In-the-Pines

Efficiency (1 occupant) \$920

Sm. 1-BR (2 occupants) \$756

Lg. 1-BR (2 occupants) \$840

Townhouse (4 occupants) \$715

Sanford:

2- BD (4 occupants) \$660

NOTE: Rates quoted are for 1997-98 subject to final approval.

* Private rooms are only assigned when spaces are available.

Housing Facilities

Georgia Southern operates 13 housing units providing space for approximately 3,100 students. The 11 residence halls and two apartment units offer a variety of facilities, services, programs, and costs for undergraduate and graduate students.

Special facilities and services available in the residence halls include TV lounges, pianos, recreational equipment, laundry rooms and kitchen areas. Student rooms are equipped for two students and include single beds with innerspring mattresses, desks with chairs, and closets. Students are expected to furnish their own bed and bath linens including a mattress pad and pillow.

In addition to providing convenient and comfortable housing at a reasonable cost, Georgia Southern also strives to provide a positive environment conducive to the development of its residents. Each housing unit has a Residence Life staff which supervises the activities within the unit, offers educational, social and recreational programs and is available to assist students with personal and academic concerns.

Policies, Procedures and Regulations

The Department of Housing has established policies, procedures, and regulations to insure the orderly operation of the department and to promote effective group living. Policies and regulations which are most appropriate for inclusion here are listed below. Additional policies and regulations can be found on the application, in the *Eagle Eye* and in other Department of Housing publications.

Residency Requirements/Eligibility

There is no residency requirement for the 1997-98 academic year. Any student, regardless of classification, will be allowed to live off campus. To be eligible for college housing, one must be enrolled at Georgia Southern and must maintain a minimum of five credit hours per quarter.

Applying for Campus Housing

Application for University-owned housing is to be submitted after a student has been officially accepted to Georgia Southern. Information on campus housing will be included with the official acceptance letter. The completed application/agreement form should be sent with a \$50 reservation/damage deposit to the address given on the application.

IMPORTANT: Please note that the application/ agreement form used by the Department of Housing binds the student to college-owned housing for the **entire academic year** or remaining portion thereof. Once the application is submitted, the student is legally bound to the terms and conditions printed on the back of the form. Students whose homes are within commuting distance should decide if they are willing to live in college housing for the full year before submitting their application.

Deposits

A \$50 deposit is required to apply for campus housing. The deposit will be refunded for those reservations canceled by the deadlines printed on the Housing application. Residents are eligible for a deposit refund upon completing their period of residency and following proper checkout procedures.

Assignments

Assignments are made on the basis of (1) date of receipt of the agreement and deposit and (2) specific request of the applicant. Therefore new students are advised to request a housing application as soon as they receive their official acceptance. While every effort will be made to honor building preferences and mutual roommate requests, no guarantee can be made concerning these requests.

The University reserves the right to (a) authorize or deny room and/or roommate changes, (b) place additional students in a student's assigned room, (c) consolidate vacancies and (d) redesignate buildings and assignments if it is the best interest of the overall program.

If a student fails to occupy his/her space by 6 p.m. of the first day of classes without notifying the Housing Office of a delayed arrival, the assignment may be reassigned. Students who enroll without occupying their assigned space will remain liable for housing fees during the period of the housing agreement.

Date of Occupancy

Students may occupy assigned space from the date designated as the official opening of campus housing to the date designated as the end of the term. Campus housing is closed between quarters with the exception of specifically designated units.

Students who withdraw or are suspended for academic or judicial reasons must vacate their assigned space, removing all personal belongings within 24 hours after discontinuance as a student.

Questions pertaining to student housing should be directed to:

Department of Housing
Post Office Box 8102
Georgia Southern University
Statesboro, Georgia 30460-8102
(912) 681-5406
Fax (912) 871-1148
Housing@gasou.edu

Student Life

Purpose

As an integral part of the University's educational process, the Division of Student Affairs advances the University's adopted statement of purpose. To accomplish this goal, the staff strives constantly to find and to develop better communication with faculty, students, and the general campus community.

The Student Life staff believes that each student should be provided with a stimulating environment and opportunities for learning designed to promote development that will effect continuing, satisfactory adjustments to life. A student is thus encouraged and allowed to use all resources available within the campus and local community to prepare for life beyond the university. The Division provides support services for students as well as a full range of activities designed to provide opportunities for growth, development and entertainment.

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.

Disciplinary procedures, appeal procedures, and disciplinary penalties are found in the Student Conduct Code. 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 Judicial Affairs at 681-5409

Support Services

Counseling Center

The Counseling 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 evidence difficulties in the above areas**. The center's staff includes eight 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 M-F, 8 to 5, is 681-5541, or after hours, 681-5234.

Health Services

Georgia Southern University Health Services is available for consultation, examination, diagnosis, and treatment of minor illnesses and injuries. Students paying the quarterly health fee are entitled to unlimited office visits during the quarter. The health fee is mandatory for students taking six (6) or more quarter hours and optional for students taking less than six (6) quarter hours.

Health Services employs a physician, nurse practitioners, nurses, a radiological technologist, a laboratory technologist, as well as clerical, health education, and pharmacy staffs to provide quality medical care at affordable rates. While unlimited office visits are covered by the quarterly health fee, additional services are offered by Health Services at nominal costs that are payable at the time of visit. These include x-ray, laboratory tests, pharmacy, immunizations, and women's health services. Students are urged to bring cash, check, VISA, or Mastercard with them on each visit to the Health Center.

The Health Center is open 8:00 a.m. - 5:00 p.m., Monday - Friday during the academic quarter. Limited services and hours are provided during academic breaks. Expenses related to illnesses or injuries requiring the services of another healthcare provider are the sole responsibility of the student incurring the charges. Students at any time may choose to utilize another provider for healthcare services at their own expense.

Health and hospitalization insurance is available. Additional information may be obtained by contacting:

HEALTH SERVICES
P.O. Box 8043
Statesboro, GA 30460
912-681-5641 - Main Office
912-681-0792 - Fax
E-Mail Welcomed: HEALTHSERV@GaSoU.edu
WWW Home Page: <http://www.aux.gasou.edu/health>

Career Services

Career Advising assists students in choosing a major and career field that effectively reflect personal values, interests, and abilities. A comprehensive collection of books, periodicals, videotapes, major binders, Internet sites, and employer literature is available for students to research not just career fields and jobs, but employing organizations as well. In addition, students can utilize three computerized career guidance and information programs which help facilitate the career decision-making process.

Cooperative Education enables students to gain relevant professional work experience on a work-study rotational basis. As a result of this balanced educational program, co-op students get the best of all worlds. They are able to put into practice the theories they learn in the classroom, earn money to finance their education while in school, and at the same time position themselves better for a permanent career search.

Professional Employment helps prepare graduating seniors to mount an effective job search campaign, including resume preparation, interviewing techniques, and proven job search strategies. Professional staff are available to critique resumes and conduct mock video interviews with students. The department attracts a wide variety of employing organizations to recruit GSU seniors, including both on-campus interviewing and resume referral to employers. Various career fairs are held throughout the year where students can interact with employers from business, industry, education, government, and health and human services.

Financial Aid

Georgia Southern University offers a comprehensive program of financial aid. For more information, please see **FINANCIAL AID** Section in this catalog.

Special Programs

The Department of Special Programs, a division of Student Affairs, includes the Office of Multicultural Programs, Judicial Affairs, New Student and Parent Programs, Off-campus Programs, Volunteer Services, and Student Publications.

Multicultural Programs

The office of Multicultural Programs works collaboratively with faculty, staff, and students to educate the GSU campus about diversity issues. Staff present programs in classes and coordinate a variety of campus celebrations, including Diversity Awareness Week, Black Awareness Month, Religious Diversity Week, and Women's Week. The Office also supervises the Minority Advisement Program (MAP), a peer mentoring program which assists minority freshmen in their transition to college life. For more information, call 681-5409.

Judicial Affairs adjudicates violations of the Student Conduct Code, facilitates programs for alcohol awareness, including monthly student seminars, and sponsors the annual Alcohol Awareness Week activities.

New Student and Parent Programs facilitate the student orientation process and the SOAR Team, Parents' Weekend, and the Parents' Association. Publications include a parents' newsletter and The Eagle Eye Student Handbook.

Off-Campus Housing maintains a list of available student housing in the community and coordinates the Community Advisor program, through which cooperating apartment complexes employ GSU students to assist off-campus students with community and personal development. For more information, call 681-5409.

Student Media

Georgia Southern's campus media include a twice-weekly student newspaper, (*The George-Anne*), a quarterly general interest "year-book magazine" (*Southern Reflector*), an annual magazine of the arts (*Miscellany*), and a campus radio station (WVGS/FM). In addition, two student groups--Production and Graphics Editorial Services (PAGES) and Advertising/Distribution Services (ADS)--provide technical and business support for the print-based student media. Student editors and managers are selected by the Student Media Committee of the Division of Student Affairs, a panel which also provides oversight to student media operations. The goal of student media at Southern is to provide news and information in a timely manner, to provide entertainment which reflects the institution's diversity, and to provide an open forum for the exchange of views on issues of current interest to the university community.

Volunteer Services

Volunteer Services matches interested students with volunteer opportunities in the surrounding community. For more information, call 681-5409.

Testing

The Testing Office provides services to students as well as segments of the surrounding community. Such examinations as the Scholastic Aptitude Test (SAT), Graduate Record Examination (GRE), PRAXIS, Regents' Test, Institutional SAT (ISAT), Miller Analogies Test (MAT), Nursing Tests, National College Level Examination Program (NCLEP), ACT, Law School Admission Test (LSAT) and Pharmacy Test are administered through this office. The Testing Office also assists students by providing a center for Independent Testing for Correspondence Courses taken at other institutions. There is a \$10 charge per test for arranging Independent Study Exams.

Persons interested in further information concerning dates, times, cost, eligibility and sign-up procedures should contact the Testing Office at 681-5415.

Educational Opportunity Programs

The primary goals of the Educational Opportunity Programs (EOP) are to identify disadvantaged young people with the potential to succeed in post secondary education, to encourage them to continue and to graduate from secondary school, to enroll in post secondary education, and to encourage high school and college drop-outs to return to school. Two TRIO Federal programs, Upward Bound and Educational Talent Search make up the Office of Educational Opportunity Programs. Upward Bound (1980) and Educational Talent Search (1991) have been responsible for placing more than 90% of their graduates in post secondary education programs. By the Fall of 1996, more than 35% of the former participants had graduated from college and more than 42% were currently enrolled in a post secondary education program.

Educational Talent Search provides 800 middle school, high school and out-of-school youth with the support and assistance needed to complete high school and enter a program of post secondary education. Eligible participants must be residents of Bulloch, Burke, Emanuel, or Jenkins Counties, be enrolled in the 6th through 12th grades or be a high school/post secondary school dropout; be a potential first generation college student or meet the economic guidelines for low income families; possess the potential to be successful at the post secondary educational level, or be at least 11 years of age, or be a veteran, regardless of age.

Upward Bound provides 85 high school students with the motivation and assistance needed to successfully enroll in and complete higher education programs. Eligible participants must be enrolled in the 10th or 11th grades in Bulloch, Candler, Emanuel, Evans or Screven County high schools and possess the academic potential necessary for higher education.

These projects are sponsored by a grant provided by the U.S. Department of Education and are administered by the Georgia Southern Division of Student Affairs.

Services:

- Academic, Personal And Career Counseling
- Basic Skill Classes, Tutoring
- Cultural Enrichment And Educational Travel
- Assistance With College Selection And Financial Aid
- A Six Week Residential Summer Program
- SAT and ACT Preparation and Fee Waivers
- Motivational And Self-Esteem Activities
- College Courses For Graduating Seniors
- Workshops On Financial Aid, Study Skills And Personal Growth
- Literature On Postsecondary Programs
- Parental Involvement Activities
- Referrals To Regional Math & Science Programs

For further information, visit Educational Opportunity Programs in Room 1026 of the Williams Center or call (912) 681-5458. Address: P. O. Box 8071 or E-Mail: edoppgrg@gsvms2.cc.gasou.edu. Homepage: <http://www2.gaixs.edu/sta/eop>.

Campus Life and Activity Programs**Residence Life**

The Residence Life program at Georgia Southern University offers a living-learning environment for the 3,000 students living on campus in 12 residence halls and two apartment complexes. Residence hall living provides social interaction and programming that heighten a student's sense of belonging, self esteem and self actualization. Services, activities and other learning experiences include rules, regulations, roommate contracting, floor gatherings, meetings, hall government, leadership training and numerous programming opportunities. These experiences provide students with an opportunity to grow, achieve, find autonomy and practice decision making.

Highly trained staff members coordinate these experiences and programs, planning programs and activities for students and assisting students to ensure that they are happy, safe and making a smooth transition to college life. Professional staff members (area directors—full time professionals who have master's degrees in student development, counseling, or a related field) live and work in the residence halls; 14 resident directors (graduate students) live in the residence halls and are available practically 24 hours a day to respond to any type of situation; and 75 resident assistants (upper-class students) live on the floors of the residence halls. Through effective management and programming, the Residence Life staff members create a community environment that is conducive to the academic success and personal growth of each resident and consistent with the goals and objectives of Georgia Southern University.

Students have the opportunity to become actively involved in residence hall living by becoming a member of the Resident Student Association, Residence Hall Association, or the Residence Hall Judicial Board.

The Residence Life Office is located on the first floor of the Rosenwald Building. The area directors and resident directors have offices in the residence halls. For more information please call 681-0429.

International Student Programs

Over 400 international students enhance life at Georgia Southern. **International Student Programs** offers basic support to students from other countries and provides programming which allows all students to learn more about other cultures. Major programs include the International Week, Friendship Family Program, Student Mentor Program and the activities of the International Club. For details, call 681-5409. (Please see Intensive English Program)

Russell Union

The Russell Union serves as the official center of student, faculty and staff life. It provides the services, conveniences and amenities the members of the university family need in their daily lives on campus. Cultural, social, and recreational programs enhance out-of-class experiences and enable participants to develop leadership skills.

Included in the 110,000 square foot Russell Union facility is a 900 seat ballroom, a 576 seat movie theatre/auditorium, student office spaces, 16 meeting rooms, a gameroom, study lounges, TV lounge, snack bar, retail shops, mini book store, two restaurants, an information center, a catering kitchen and several open lounges. These facilities support programs such as Union Productions(UP), Student Government, student clubs and organizations, leadership training and homecoming.

Union Productions

Union Productions is the programming arm of the Russell Union which provides campus-wide social, educational, cultural, and entertainment events throughout the year. Union Productions (UP) is a student-run organization built on a structure of several programming committees, providing the GSU community with a variety of movies, comedians, musical events, shows, and colorful cultural expositions. UP also plays a major role in university-wide events such as Homecoming, Welcome Week, and Alcohol Awareness Week. All students are encouraged to become a volunteer member of Union Productions. Active committee members participate in the selection, planning, promotion, and production of events. Involvement in UP opens doors for meeting new people and getting "behind the scenes" experience in programming.

For additional information, contact Union Productions in Room 207 of the Russell Union or call 681-5442.

Campus Recreation and Intramurals

The Department of Campus Recreation and Intramurals (CRI) provides activities and programs that positively affect an individual's mental and physical well-being through the enhancement of personal fitness levels, stress reduction, and the development of interpersonal relationships. With a GSU identification card, it's easy to participate, and no experience is necessary. CRI employees are available to help participants gain maximum benefits from recreational activities.

Each quarter CRI produces a pocket calendar that contains pertinent information regarding facility hours, scheduled activities, proposed trips, intramural leagues and tournaments, and special events. Pocket calendars are available at the CRI office in the Recreation Activity Center (RAC). They are also distributed to CRI facilities and other locations on/near campus.

Informal Recreation includes swimming, basketball, tennis, racquetball, volleyball, walking and jogging. All of these services are available, on a drop in basis, at several locations on campus.

Fitness Programs promote the pursuit of a healthier lifestyle through the use of free weights, circuit training and cardiovascular equipment. Participation in a variety of aerobic classes, on a drop-in basis, is also encouraged. Workshops, seminars and fitness testing are offered regularly to provide helpful information to further promote a healthier mind and body.

Intramural Sports provide competitive and recreational experiences for participants of all skill levels and abilities. Activities are offered to satisfy the needs of participants in individual, dual, and team activities such as: Flag Football, Volleyball, Tennis, Basketball, Bowling, Softball, Racquetball, Indoor/Outdoor Soccer, Ultimate Frisbee, Golf, and other Special Event Tournaments.

Outdoor Recreation encourages participants to discover the great outdoors. The Outdoor Recreation Center, located at Marvin Pittman Gymnasium, provides outdoor rental equipment such as tents, backpacks, lanterns, stoves, coolers, and sleeping bags for a nominal fee. The Outdoor Center is a resource center for information regarding state, national, and private parks, as well as other recreational areas. The staff is available to assist with planning trips and offers instructional workshops to better prepare for an outdoor experience. Weekend adventure trips such as white water rafting, snow skiing, backpacking, sea kayaking, camping and off-shore fishing are planned each quarter. Organized trips offer an opportunity to meet new friends and experience the natural environment under the supervision of trained trip facilitators.

Club Sports are independent student organizations created in response to a substantial interest in particular areas of recreation. Rugby, Equestrian, Volleyball, Lacrosse, and Water Skiing teams compete intercollegiately. Special interest clubs such as Scuba and Outdoor Adventures organize their own trips. CRI eagerly supports other clubs as needs and interests arise.

Satellite facilities assist with CRI's efforts to provide recreational opportunities throughout the campus.

*Fitness Extension: aerobics, cardio-vascular machines, circuit training equipment.

*Weight Extension: free weights, circuit training equipment.

*Southern Splash: outdoor pool (located behind Weight Extension, on Knight Drive).

*Hanner Fieldhouse: aerobics, indoor pool, weight rooms, basketball courts, lighted tennis and racquetball courts.

*Marvin Pittman Gymnasium: indoor/outdoor basketball courts, sand volleyball court, lighted tennis courts.

*In the Pines: sand volleyball court, outdoor basketball court, outdoor pool.

*Dorman Hall: outdoor basketball court.

*Oxford Field: sand volleyball courts, outdoor basketball court, multi-purpose field.

*Sports Complex: softball/baseball fields, flag football fields.

*Club Sports Fields: multi-purpose fields (primarily rugby, lacrosse, soccer and flag football).

*Multi-plex Fields: multi-purpose fields (softball, flag football, soccer, ultimate frisbee and fitness/walking trail).

*Recreation Activity Center: (opening Fall 97) basketball, indoor racquetball, free weights, circuit training equipment, cardiovascular exercise equipment, aerobics, badminton, volleyball, climbing wall, multi-purpose area (golf, dance, martial arts, fencing, wrestling practices, etc.), elevated walking/jogging track, auxiliary gym area (indoor soccer, floor hockey, basketball, badminton, volleyball, etc.), and administrative offices.

Participation in the Campus Recreation and Intramurals program 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.

Student Organizations

More than 135 student organizations contribute to each student's education by providing for the development of individual talents outside the classroom through participation in one or more of a variety of organizations and activities on campus. The Russell Union provides services to all recognized student organizations and is responsible for registering and maintaining informational files on student organizations. The program area of the Russell Union provides leadership retreats, receptions, seminars, and workshops for student organizations. Organizations range from honor and recognition societies, special interest groups, professional and departmental organizations, and religious organizations to the Student Government Association. Activities include those that are academic, literary, athletic and leadership in nature. Information about student organizations can be obtained by contacting the Russell Union at 681-0399.

The **Student Government Association** is the central student organization on campus. Its five executive officers - president, executive vice president, vice president for academic affairs, vice president for finance, and vice president for auxiliary affairs - are elected each Spring Quarter by the student body. Student Government represents the student body in all phases of student life at Georgia Southern and facilitates communication between the administration, the faculty and the student body. Individuals or organizations desiring input into the total life of the campus should enlist the services of these officers and senators.

Greek Life is an active part of student life on campus. Approximately 14 percent of full time undergraduate students are members of 17 fraternities and 11 sororities. These organizations provide opportunities for members to develop and refine personal leadership skills, make new friends, participate in campus activities and athletics, contribute to local and national philanthropies, and improve their scholarship aptitude. For additional information, call the Office of Greek Life 681-5185.

The University System of Georgia

The University System of Georgia includes 34 state-operated institutions of higher education located throughout the state. A 16-member constitutional Board of Regents governs the University System, which has been in operation since 1932. Appointments of Board members, five from the state-at-large and one from each of the state's 11 Congressional Districts, are made by the Governor, subject to confirmation by the State Senate. The regular term of Board members is seven years.

The Chair, the Vice Chair, and other officers of the Board are elected by the members of the Board. The Chancellor, who is not a member of the Board, is the chief executive officer of the Board and the chief administrative officer of the University System. 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, senior colleges, and two-year colleges. This curriculum requires 90 quarter credit hours, including 60 in general education--humanities and fine arts, mathematics and natural sciences, and social sciences--and 30 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.

The University System Advisory Council, with 34 committees, engenders continual System-wide dialogue on major academic and administrative matters of all types. It also makes recommendations to the Chancellor for transmittal to the Board of Regents regarding academic and administrative aspects of operation of the System.

The Advisory Council consists of the Chancellor, the Vice Chancellor, and all presidents as voting members; it includes other officials and staff members of the institutions as nonvoting members. The Advisory Council's 21 academic committees and 13 administrative committees are made up of representatives from the institutions.

Committees dealing with matters of University System-wide application include, typically, at least one member from each institution. State appropriations for the University System are requested by, and are made to, the Board of Regents, and allocations are made by the Board. The largest share of the state appropriations, approximately 52 percent, is allocated by the Board for instruction.

System Institutions

Universities - Graduate

GEORGIA INSTITUTE OF TECHNOLOGY Atlanta 30332
 GEORGIA SOUTHERN UNIVERSITY Statesboro 30460
 GEORGIA STATE UNIVERSITY Atlanta 30303
 MEDICAL COLLEGE OF GEORGIA Augusta 30912
 THE UNIVERSITY OF GEORGIA Athens 30602
 VALDOSTA STATE UNIVERSITY Valdosta 31698

State Universities - Limited Graduate Studies

ALBANY STATE UNIVERSITY Albany 31705
 ARMSTRONG ATLANTIC STATE UNIVERSITY Savannah 31419
 AUGUSTA STATE UNIVERSITY Augusta 30910
 CLAYTON STATE COLLEGE Morrow 30260
 COLUMBUS STATE UNIVERSITY Columbus 31993
 FORT VALLEY STATE UNIVERSITY Fort Valley 31030
 GEORGIA COLLEGE AND STATE UNIVERSITY Milledgeville 31061
 GEORGIA SOUTHWESTERN STATE UNIVERSITY Americus 31709
 KENNESAW STATE UNIVERSITY Marietta 30061
 NORTH GEORGIA COLLEGE AND STATE UNIVERSITY
 Dahlonega 30597
 SAVANNAH STATE UNIVERSITY Savannah 31404
 SOUTHERN POLYTECHNIC STATE UNIVERSITY Marietta 30060
 STATE UNIVERSITY OF WEST GEORGIA Carrollton 30118

Two-year Colleges

ABRAHAM BALDWIN AGRICULTURAL COLLEGE Tifton 31794
 ATLANTA METROPOLITAN COLLEGE Atlanta 30310
 BAINBRIDGE COMMUNITY COLLEGE Bainbridge 31523
 COASTAL GEORGIA COMMUNITY COLLEGE Brunswick 31717
 DALTON COMMUNITY COLLEGE Dalton 30720
 DARTON COLLEGE Albany 31707
 DEKALB COLLEGE Decatur 30034
 EAST GEORGIA COLLEGE Swainsboro 30401
 FLOYD COLLEGE Rome 30161
 GAINESVILLE COLLEGE Gainesville 30503
 GORDON COLLEGE Barnesville 30204
 MACON COLLEGE Macon 31297
 MIDDLE GEORGIA COLLEGE Cochran 31014
 SOUTH GEORGIA COLLEGE Douglas 31533
 WAYCROSS COLLEGE Waycross 31501

System Administration

Members of the Board of Regents

A.W. "BILL" DALBERG	(State-at-Large)	2004
J. TOM COLEMAN, Savannah	(State-at-Large)	2002
SUZANNE G. ELSON, Atlanta	(State-at-Large)	1999
DONALD M. LEEBERN, JR., Atlanta	(State-at-Large)	1998
CHARLES H. JONES, Macon	(State-at-Large)	2002
DAVID H. AVERITT	(1 ST District)	1999
JOHN HUNT	(2 ND District)	2004
WILLIAM B. TURNER, Columbus	(3 rd District)	2000
JUANITA POWELL BARANCO, Decatur	(4 th District)	1998
ELRIDGE W. MCMILLAN, Atlanta	(5 th District)	2003
KENNETH W. CANNESTRA, Atlanta	(6 th District)	2001
EDGAR L. RHODES, Bremen	(7 th District)	1999
S. WILLIAM CLARK, JR., M.D., Waycross	(8 th District)	1999
EDGAR L. JENKINS, Jasper	(9 th District)	2001
THOMAS F. ALLGOOD, SR., Augusta	(10 th District)	2000
GLENN S. WHITE	(11 th District)	1998

Officers and Staff Members of the Board of Regents

S. WILLIAM CLARK, Chairman*

EDGAR L. JENKINS, Vice Chairman*

STEPHEN R. PORTCH, Chancellor*

GAIL S. WEBER, Secretary to the Board/Exec. Admin. Asst.

ARTHUR N. DUNNING, Senior Vice Chancellor
Human & External Resources/Acting Deputy

THOMAS E. DANIEL, Vice Chancellor-External Affairs

ARLETHIA PERRY-JOHNSON, Assistant Vice
Chancellor, Media and Publications

ANNIE HUNT BURRISS, Assistant Vice Chancellor
Development & Economic Services

VACANT, Vice Chancellor-Human Resources & Legal
Affairs

T. DON DAVIS, Associate Vice Chancellor-Human
Resources

ELIZABETH (BETSY) E. NEELY, Associate Vice
Chancellor-Legal Affairs

J. BURNS NEWSOME, Assistant Vice Chancellor-
Legal Affairs (Prevention)

CORLIS CUMMINGS, Assistant Vice Chancellor-
Legal Affairs (Contracts)

ELAINE NEWELL, Assistant Vice Chancellor- Legal
Affairs (Compliance)

LINDSAY DESROCHERS, Senior Vice Chancellor
Capital Resources

WILLIAM BILL CHATHAM, Vice Chancellor-Facilities

PETER HICKEY, Assistant Vice Chancellor-Facilities

WILLIAM BOWES, Associate Vice Chancellor-Fiscal
Affairs

C. ROGER MOSSHART, Assistant Vice Chancellor-
Budgets

LEVY YOUMANS, Assistant Vice Chancellor -
Accounting

JAMES L. MUYSKENS, Senior Vice Chancellor
Academic Affairs

BARRY A. FULLERTON, Vice Chancellor-Student
Services

VACANT, Vice Chancellor-Information/Instructional
Technology/CIO

RANDALL THURSBY, Assistant Vice Chancellor-
Information Technology

KRIS BIESINGER, Assistant Vice Chancellor-
Instructional Technology

CATHIE M. HUDSON, Associate Vice Chancellor-
Planning and Policy Analysis

JOSEPH J. SZUTZ, Assistant Vice Chancellor-Planning

JAN KETTLEWELL, Assistant Vice Chancellor-
Academic Affairs

DAVID M. MORGAN, Assistant Vice Chancellor-
Academic Affairs

**Officers of the Board*

Georgia Southern Faculty 1996-97

This list includes full time Faculty 1996-97. The date enclosed in parentheses indicates the year the faculty member joined the staff of Georgia Southern University. The asterisk denotes Graduate College faculty (full and associate members).

ABRAHAM S. AAMIDOR, Temporary Instructor of Communication Arts

A.B., University of Chicago, 1964;
M.A., Southern Illinois University-Carbondale, 1983. (1996)

SHIRLEY AAMIDOR, Assistant Professor of Early Childhood Education and Reading

A.B., University of Illinois-Chicago, 1973;
M.Ed., University of Illinois-Urbana-Champaign, 1987. (1996)

SHERRIE N. ABBOTT, Assistant Professor of Nursing

B.S.N., Emory University, 1974;
M.S.N., Medical College of Georgia, 1979. (1986)

TAMMY P. ABBOTT, Instructor of Mathematics

B.S. Ed., Georgia Southern College, 1987;
M. Ed., Georgia Southern College, 1988. (1988)

***MARTHA L. ABELL, Associate Professor of Mathematics**

B.S., Mercer University, 1984;
M.S., Georgia Institute of Technology, 1987;
Ph.D., Georgia Institute of Technology, 1989. (1989)

ROSALIE B. ABRAHAM, Instructor of Mathematics

B.Sc., University of the West Indies, 1992;
M.S., Florida International University, 1994. (1995)

***NATALIE G. ADAMS, Assistant Professor of Curriculum, Foundations, and Research**

B.S., Louisiana State University-Baton Rouge, 1984;
M.Ed., University of Southwestern Louisiana, 1988;
Ph.D., Louisiana State University-Baton Rouge, 1994. (1994)

STERLING CAMERON ADAMS, Professor Emeritus of Music

B.M., Cincinnati Conservatory of Music, 1949;
M.M., Cincinnati Conservatory of Music, 1951;
Ph.D., Indiana University, 1962. (1965)

***DAVID W. ADDINGTON, Professor of Communication Arts**

B.A., Palos Verdes College, 1954;
M.A., University of California at Los Angeles, 1960;
Ph.D., University of Iowa, 1963. (1987)

***ELEANOR F. AGNEW, Assistant Professor of English**

B.A., University of Vermont, 1970;
M.A., University of Maine, 1981;
Ph.D., Louisiana State University, 1991. (1989)

***JUNE E. ALBERTO, Associate Professor 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, Assistant Professor of English

B.A., Armstrong State College, 1988;
M.A., Georgia Southern University, 1990. (1990)

CLARK R. ALEXANDER, JR., Adjunct Assistant Professor of Geology

B.S., Humboldt State University, 1983;
B.A., Humboldt State University, 1983;
M.S., North Carolina State University-Raleigh, 1985;
Ph.D., North Carolina State University-Raleigh, 1990. (1994)

***NATHANIEL C. ALEXANDER, Associate Professor of Middle Grades and Secondary Education**

B.S., Clemson University, 1966;
M.Ed., North Carolina State University, 1970;
Ed.D., North Carolina State University, 1974. (1990)

***MICHAEL G. ALLEN, Professor of Middle Grades and Secondary Education**

B.S.Ed., Castleton State College, 1966;
M.A.T., Saint Michael's College, 1971;
Ed.D., University of Maine-Orono, 1973. (1990)

***DAVID C. ALLEY, Associate Professor of Spanish**

B.A., Macalester College, 1975;
M.Ed., University of Georgia, 1981;
Ed.D., University of Georgia, 1988. (1988)

***SALEH A. ALTAYEB, Assistant Professor of Industrial Technology**

B.Sc., Tri-State University, 1981;
M.Sc., Ohio University, 1985;
Ph.D., Clemson University, 1990. (1992)

EARL RAYMOND ANDREWS, Associate Professor Emeritus of Technology

B.S., University of Minnesota, 1952;
M.A., University of Minnesota, 1962;
Ed.D., University of Missouri, 1968. (1967)

ASHA K. ANUMOLU, Temporary Instructor of Nursing

B.S., Columbia Union College, 1986;
M.S.N., Georgia Southern University, 1992. (1994)

USHER C. APPLING, Adjunct Instructor of Military Science

Sergeant First Class, United States Army. (1993)

JULIUS FELLOWS ARIAIL, University Librarian and Associate Professor

B.A., Emory University, 1967;
M.S., Florida State University, 1976;
M.A., Georgia Southern College, 1980. (1976)

***HARRY JOSEPH ARLING, Professor of Music**

B.M.Ed., Southern Illinois University, 1963;
M.M., Southern Illinois University, 1965;
D.M., Indiana University, 1979. (1974)

***DONALD J. ARMEL, Associate Professor of Industrial Technology**

B.S., Indiana State University, 1977;
B.S., Indiana State University, 1978;
M.S., Indiana State University, 1980;
Ph.D., Southern Illinois University-Carbondale, 1995. (1996)

GORDON M. ARMSTRONG, Temporary Assistant Professor of Political Science

B.A., Columbia College, 1975;
M.A., Webster University, 1989. (1996)

MARINELL H. ARMSTRONG, Coordinator of the Academic Advisement Center and Instructor

B.S.Ed., Georgia Southern College, 1963; M.Ed.,
Georgia Southern College, 1964. (1987)

LINDA L. ARTHUR, Associate Professor of Reading and English

B.A., Oglethorpe University, 1972;
M.A., University of Georgia, 1973;
Ph.D., University of Georgia, 1979. (1989)

SIMON P. ATTLE, Assistant Professor of Recreation and Sport Management

B.S., University of Connecticut, 1987;
M.A., University of Connecticut, 1991;
Ph.D., University of Connecticut, 1996. (1996)

***C. MARK AULICK, Associate Professor of Mathematics and Computer Science**

B.S., Stetson University, 1975;
M.S., Florida State University, 1977;
Ph.D., Duke University, 1981. (1986)

***JOHN E. AVERETT, Professor and Chair, Department of Biology**

B.S., Sul Ross State University, 1966;
M.A., Sul Ross State University, 1967;
Ph.D., University of Texas-Austin, 1970. (1994)

JACK NELSON AVERITT, Dean Emeritus of Graduate School and Professor Emeritus of History

B.S., Georgia Southern College, 1944;
M.A., University of Georgia, 1945;
Ph.D., University of North Carolina, 1957. (1945)

LILIEETH L. BAILEY, Instructor of English

B.A., Georgia State University, 1983;
M.S., Southern College of Technology, 1993. (1995)

BARRY BALLECK, Temporary Assistant Professor of Political Science

B.A., Brigham Young University, 1987;
M.A., Brigham Young University, 1989;
Ph.D., University of Colorado, 1994. (1995)

WILLIAM P. BANKS, Temporary Instructor of English

B.A., Georgia Southern University, 1994;
M.A., Georgia Southern University, 1996. (1996)

***AHMED E. BARBOUR, Associate Professor of Computer Science**

B.S.E.E., Cairo University, 1965;
M.S.E.E., Cairo University, 1972;
Ph.D., Illinois Institute of Technology, 1985. (1991)

REBA BARNES, Assistant Professor Emerita of Sport Science and Physical Education

B.S., Georgia Southern College, 1961;
M.Ed., Georgia Southern College, 1962. (1962)

NANCY C. BARRETT, Assistant Professor Emerita of Spanish

B.A., University of North Carolina, 1956;
M.A., University of North Carolina, 1959. (1967)

ROBERT M. BARROW, Associate Professor Emeritus of History

A.B., University of North Carolina, 1959;
A.M., College of William and Mary, 1960;
Ph.D., University of Virginia, 1967. (1967)

SHARON M. BARRS, Instructor of Mathematics

B.S., University of South Carolina, 1990;
M.S., University of South Carolina, 1992. (1992)

***DOROTHY A. BATTLE, Associate Professor of Curriculum, Foundations, and Research**

B.S.Ed., Winston Salem State University, 1970;
M.Ed., University of Georgia, 1983;
Ed.D., University of Georgia, 1987. (1990)

***DENISE A. BATTLES, Associate Professor of Geology and Assistant Dean, Allen E. Paulson College of Science and Technology**

B.A., Colgate University, 1984;
Ph.D., University of California, Los Angeles, 1990. (1990)

EDWARD J. BAYENS, Assistant Director of Special Programs and Adjunct Instructor

B.A., Western Kentucky University, 1971;
M.A., Western Kentucky University, 1975;
Ph.D., Florida State University, 1987. (1989)

B. STEPHEN BAYLESS, Professor Emeritus of Art

B.S., Eastern Oregon College, 1950;
M.S., Southern Oregon College, 1957;
Ed.D., Washington State University, 1962. (1976)

CAROLINE H. BEARD, Assistant Professor of Industrial Technology

B.E.T., Georgia Southern College, 1978;
M.T., Georgia Southern University, 1991. (1991)

***LAWRENCE BEARD, Associate Professor of Leadership, Technology, and Human Development**

A.B., University of Alabama, 1978;
B.S.Ed., University of Alabama, 1980;
M.A., University of Alabama, 1982;
Ed.S., University of Alabama, 1983;
Ed.D., University of Alabama, 1989. (1996)

JOHN J. BEASLEY, Professor of Family and Consumer Sciences

B.A., East Carolina University, 1969;
M.S., Virginia Polytechnic Institute and State University, 1972;
Ph.D., Virginia Polytechnic Institute and State University, 1978. (1988)

***WILLIAM A. BECKER, Professor of Recreation and Sport Management**

B.S.Ed., University of Georgia, 1974;
M.S., Indiana University, 1975;
Ed.D., Temple University, 1983. (1981)

JACQUELINE A. BEDELL, Instructional Resources Coordinator and Adjunct Instructor

A.A.S., State University of New York, 1961;
B.S., State University of New York, 1976;
M.Ed., Georgia Southern University, 1993.
Ed.S., Georgia Southern University, 1995. (1994)

THERESA C. BEEBE, Activities Coordinator and Adjunct Instructor

B.S., Johnson and Wales College, 1993;
M.Ed., University of Florida, 1995. (1996)

***JACK BENNETT, Professor of Instructional Media**

B.S.Ed., Ball State University, 1966;
M.A.Ed., Ball State University, 1969;
Ed.D., Ball State University, 1972. (1981)

***SARA NEVILLE BENNETT, Professor of Biology, Member Institute of Arthropodology and Parasitology**

B.S., Georgia Southern College, 1964;
B.S.Ed., Georgia Southern College, 1964;
M.S., Georgia Southern College, 1967;
Ph.D., University of Georgia, 1975. (1966)

***JAMES J. BERGIN, Professor of Leadership, Technology, and Human Development**

B.A., University of Saint Mary of the Lake, 1967;
M.Ed., Loyola University, 1971;
Ed.D., College of William and Mary, 1974. (1992)

PATRICIA A. BERGMAIER, Career Counseling Coordinator and Adjunct Instructor

B.S., Lock Haven State College, 1987;
M.S., University of Tennessee-Knoxville, 1989. (1992)

VICTORIA M. BERRY, Temporary Assistant Professor of Geology

B.A., Marshall University, 1977;
M.S., Marshall University, 1989. (1996)

GEORGENE BESS, Instructor of English

B.A., Georgia Southern College, 1985;
M.A., Georgia Southern College, 1989. (1989)

EM OLIVIA BEVIS, Adjunct Professor of Nursing

B.S.N., Emory University, 1955;
M.A.N.E., University of Chicago, 1958. (1980)

***JAMES D. BIGLEY, JR., Associate Professor of Recreation and Sport Management**

B.S., Slippery Rock University of Pennsylvania, 1980;
M.S., Slippery Rock University of Pennsylvania, 1982;
Ph.D., Texas A&M University, 1989. (1991)

***GALE A. BISHOP, Professor of Geology, Member Institute of Arthropodology and Parasitology**

B.S., South Dakota School of Mines, 1965;
M.S., South Dakota School of Mines, 1967;
Ph.D., University of Texas, 1971. (1971)

***T. PARKER BISHOP, Professor of Middle Grades and Secondary Education**

B.S., Carson-Newman College, 1959;
M.S., Emory University, 1963;
Ph.D., Clemson University, 1968. (1967)

BARBARA WHIPPLE BITTER, Associate Professor Emerita of English, Head Emerita, Department of Developmental Studies

B.A., University of North Carolina, 1951;
M.A., University of Tennessee, 1953. (1965)

***CHARLENE R. BLACK, Associate Vice President for Academic Affairs, Dean of Undergraduate Studies, and Professor of Sociology**

A.B., University of Georgia, 1964;
M.A., University of Georgia, 1966;
Ph.D., Vanderbilt University, 1969. (1971)

MARY KETTLER BLACK, Assistant Professor of Family and Consumer Sciences (Fashion Merchandising)

B.S., Louisiana Tech University, 1973;
M.S., Louisiana Tech University, 1974. (1974)

TINA BLAKE-STEELE, Assistant Professor of Sociology

B.A., Purdue University, 1969;
M.S.W., Smith College School for Social Work, 1971;
D.S.W., City University of New York, 1992. (1996)

***HARLEY JOE BLANKENBAKER, Professor of Health and Kinesiology**

B.S., Ball State University, 1965;
M.A., Appalachian State University, 1970;
Ph.D., University of Maryland, 1973. (1973)

LINDA BLANKENBAKER, Assistant Professor of Recreation and Sport Management

B.S., Georgia Southern College, 1970; M.R.A.,
Georgia Southern College, 1971; Ed.S.,
Georgia Southern College, 1982. (1977)

***LINDA M. BLEICKEN, Associate Professor of Management and Associate Dean, College of Business Administration**

B.B.A., Georgia State University, 1984;
M.S., Georgia State University, 1990;
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Advisement: Education	Carroll	681-0698
Advisement: Graduate Students		Call department or Grad. Studies
Advisement: Health and Professional Studies	Hollis	871-1931
Advisement: Learning Support	Forest Drive	681-5371
Advisement: Liberal Arts and Social Sciences		Call department
Advisement: Science and Technology		Call department
Academic Advisement Center: Undeclared	Williams Center	871-1775
Admissions	Rosenwald	681-5391
Affirmative Action Office	Administration	681-5136
Athletics - Tickets	Ticket Office	681-0123
Bookstore	University Store	681-5181
Campus Recreation and Intramurals	Russell Union	681-5436
Career Services	Williams Center	681-5197
Cashier's Office	Deal Hall	681-0020
College of Business Administration	Business Administration	681-5106
College of Education	Carroll	681-5648
College of Graduate Studies	Administration	681-5384
College of Health and Professional Studies	Hollis	681-5322
College of Liberal Arts and Social Sciences	Foy	681-5434
Allen E. Paulson College of Science & Technology	Technology	681-5111
Computer Services	Administration	681-5429
Counseling Center	Health Services	681-5541
Emergency		(9) 911
Financial Aid	Anderson Hall	681-5413
First Year Experience	Academic Affairs	681-0357
Health Services	Health Services	681-5641
Housing	G-56 Hall	681-5406
I.D. Office	Lakeside Cafe	681-5311
International Student Office	Rosenwald	681-0382
Library	Henderson Library	681-5115
Parking and Transportation	Parking Office	681-0702
Postal Services	Landrum Center	681-5232
Public Safety	Public Safety	681-5234
Office of the President	Administration	681-5211
Office of the Registrar	Rosenwald	681-5152
Residence Life	Rosenwald	681-0429
Russell Union Information	Russell Union	681-0399
Student Disability Resource Center	Hampton Hall	681-5259 or TDD#681-0666
Student Fees	Deal Hall	681-0999
Teacher Certification	Carroll	681-5383
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Undergraduate Studies Dean	Academic Affairs	681-5385
Vice President for Academic Affairs	Academic Affairs	681-5258
Vice President for Business and Finance	Administration	681-5491
Vice President for Development & University Relations	Alumni House	681-5253
Vice President for Student Affairs	Rosenwald	681-5256
Volunteer Services	Rosenwald	681-5409

*Area code 912